



PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF BIOTECHNOLOGY

ESTD. 2001

**DEPARTMENT ACADEMIC ADVISORY COMMITTEE
MEMBERS**

Academic year 2017-18

S.NO	NAME OF THE FACULTY MEMBERS	ROLE	DESIGNATION
1	Dr.P.Dhasarathan	Chairperson	Professor/HOD
2	Dr.A.J.Ranjith sigh	Senior Professor	Professor
3	Dr. S. Narandra Sivasamy	Industry Mentor	Director(Technical) Synkromax Pvt Ltd
4	Mr.V.Subramanian	Industry Mentor	Director, Synkromax Pvt Ltd
5	Dr.K. Vallivittan	Academician Mentor	Professor/Departmen t of biotech,St Peters university
6	Dr.krishnarao Eswar	Alumni Representative	Research Associate,IISC , Banglore
7	Mr.k.cholapandian	IQAC	Associate prof
8	Dr.M.Thenmozhi	Senior faculty	Associate prof
9	Dr.A.Praveena	Senior faculty	Associate prof
10	Mrs. Joyce Hellen sathya	faculty	Assistant professor

PROFILE

Dr. P. DHASARATHAN

60-A Gomathi Nagar Extension,
Pollivakkam
Tiruvallur – 602002.

Mobile No: 0- 98431 92763

E-mail: dhasa_rathan@yahoo.co.in



Personal Details:

Date of Birth : 09th May 1977
Sex : Male
Nationality : Indian
Community : BC
Marital Status : Married
Passport No : H8605691

Educational Details:

Ph.D., Microbiology (Specialization in Immunology), 2001 - 2005. Manonmaniam Sundaranar University, Tirunelveli (Dt), Tamilnadu, India.

M. Tech., Biotechnology (First Class), 2012-2014. St Peter's University, Avadi, Chennai, Tamilnadu, India.

M.Sc., Microbiology (First Class), 1998-2000. Manonmaniam Sundaranar University, Tirunelveli (Dt), Tamilnadu, India.

B.Sc., Zoology (First Class), 1995 - 1998. Manonmaniam Sundaranar University, Tirunelveli (Dt), Tamilnadu, India.

H.Sc., (Science) (First Class), 1993-1994. Baren Bruck Higher Secondary Shool, Bungalow Surandai – 627 861.

S.S.L.C., (First Class), 1991-1992. Baren Bruck Higher Secondary Shool, Bungalow Surandai – 627 861.

Positions Held:

Since April, 2014. Associate Professor & Head, Department of Biotechnology, Prathyusha Engineering College, Chennai – 602 025. Tamilnadu, India.

June 2009 – March, 2014. Assistant Professor, Department of Biotechnology, Prathyusha Institute of Biotechnology & Management, Chennai – 602 025. Tamilnadu, India.

June 2004 – April 2009. Lecturer, Department of Biotechnology, Sri Kaliswari College, Sivakasi – 626 130. Tamilnadu, India.

Aug, 2001- May 2004. Technical Assistant in UGC Major Project. Sri Paramakalyani College, ALwarkurichi – 627 412. Tamilnadu, India.

April, 2000- Dec, 2001. Technical Quality supervisor, Edhyam Sea Foods, Tuticorin, India.

Membership:

Served as a Member-Secretary of “Institutional Animal Ethical Committee” (Reg. No: 1949/PO/Re/S/17/CPCSEA) of Prathyusha Engineering College, Chennai – 602025 from 2017.

Served as a Editorial member and Reviewer in various “International and National peer reviewed journals”.

Served as a Member-Secretary of “Institutional Animal Ethical Committee” (Reg. No: 1086/ac/07/CPCSEA) of Sri Kaliswari College, Sivakasi during 2004 - 2009.

Awards and Honours:

- **Best researcher Award** for research contribution in life sciences by DK International research Foundation, Peramabalur.
- Won **Prof Bharat Shiksha Ratan Award** for research contribution in the field Immunology by Global Society, New Delhi
- Won **Prof E. P. Odum Gold Medal** for research contribution in the field Environmental Sciences by ISECSc, Jarkhand.
- Elected **Fellow of Eurasian Academy of Environmental Sciences** for Environmental Science (FEAES), 2018, Maldives.
- Elected **Fellow of International Society for Environmental Science Communications** for contribution in toxicological research (FISEC), by ISECSc, Jarkhand.
- Awarded **Best Faculty** by the management of Prathyusha Institute of Technology and Management, Thiruvallur for performance in the academic year 2011-12.

- Awarded **Cash award** by the management of Prathyusha Institute of Technology and Management, Thiruvallur for having produced 100% Pass in university Examinations (B. Tech., Biotechnology) in each academic year 2006 – till date. .
- Awarded **gold medal** by the management of Sri Kaliswari College, Sivakasi for having produced 100% pass result in each academic year of 2006-09.
- Awarded **gold medal** by the Tiruthangal Lions Club of Lions School, Sivakasi for having guided National level Scientist B in School children’s research programmes in the academic year 2007-08
- Awarded **gold medals** by the management of Sri Kaliswari College, Sivakasi for having produced university first rank in both B.Sc and M.Sc (Biotechnology) degree programmes in each academic year 2006-09.

Abroad Visited

- Singapore, 5-6th March, 2018. For Paper presentation entitled Stimulation of Probiotics on health status of birds challenged with Bacterial pathogens organized by Global engage at Third Probiotic congress, Asia.

Project Work

M.Sc. Project Work: ‘Effect of pesticide and herbicide on the digestive tract, digestive enzyme and proximate composition of fish *Cyprinus carpio*’. (June 1999 - Apr 2000)

M. Tech Project Work: “Phytochemical characterization of *Tridox procumbens*” (June 2013 – Apr 2014)

Ph.D. thesis: “Evaluation of immunological changes in rodents exposed to xenobiotics” (Aug 2001 – Aug 2006)

Research guidance:

B.Tech., (dissertation)	:	Guided: 30
M.Sc., (dissertation)	:	Guided: 13
M.Phil., (thesis)	:	Guided: 12
Ph.D., (thesis)	:	Guided: 05

Research Fund:

Student Project Scheme - 2018/19: TNSCST – Rs 7500/-

Participation in Workshop:

<i>S.No</i>	<i>Programme</i>	<i>Sponsor</i>	<i>Venue & Date</i>
1	Workshop on Lab Animal handling and Research	CSIR	Sathyabama University, Chennai, 5-7 th July, 2017.
2	FDP on Modern Bio techniques	Medox Pvt. Ltd.,	Prathyusha Engineering College, Chennai, 18-25 th January 2016.
3	Advanced training on Marine microbiology and its industrial application	AICTE	Vel High Tech RR-SR college, Avadi, 4-19 th May 2015.
4	Faculty Development programme on Nanotechnology	AICTE	Vel High Tech RR-SR college, Avadi, 28 th Nov-10 th Dec, 2013.
5	Faculty Development programme on Entrepreneurship	AICTE	Sri Venkateshwara College of Engineering, Sriperumpudur -14 th -28 th Dec, 2013.
6	Stress reducing techniques for teachers	AICTE	PITAM, Tiruvallur, 18 th July, 2013
7	Advanced microbial techniques	GLORIS	Gloris Biomed Research, Chennai, 2-15 th May 2012.
8	Biotechnology Teaching Excellence Programme, 2010	AICTE	National Institute of Technology, Calicut, 22 nd – 29 th May, 2010.
9	Training workshop on Immunological techniques	Centre for Fish Immunology	Lady Doak College, Madurai, 30 th April – 12 th May, 2007.
10	Workshop on Modern Biology in the era of Genomics	School of Biological Sciences	Madurai Kamraj University, Madurai, 26 – 27 th March, 2007.
11	Molecular Biology: techniques, tools and technological interventions	DBT	TERI University, New Delhi, 5-17 th Feb, 2007.
12	Training programme in Animal Cell Culture for Monoclonal antibodies production	BioZeen	BioZeen, Bangalore, 11 – 15 th Sep, 2006.
13	Workshop on Understanding and Counselling college students	Top-kids, Madurai	Sri Kaliswari College, Sivakasi. 16 th Dec, 2006.
14	A state level workshop on Laboratory Methods in Biotechnology	Dept. of Biotechnology	D.G.Vaishnav College, Chennai, 28-29 th Sep, 2001.
15	Workshop on Biodiversity Approaches and Management Applications	Dept. of Zoology	St John's College, Palayamkottai, 25-27 th Feb, 1998.

Participation in International/ National Conference/Seminar:

<i>S.No</i>	<i>Programme</i>	<i>Sponsor</i>	<i>Venue & Date</i>
1	4 th Microbiome Asia-pacific congress at Singapore	Global Engage	Hotel Fortcany, Singapore, 5-6 th March, 2018

2	12th International Conference on Recent Trends in Engineering, Science and Management (ICRTE SM-17)	IETE, Hyderabad	Osmania University Campus, Hyderabad, India, 19th November, 2017.
3	International conference on Biotechnology	SKC trust	Sri Kaliswari College, Sivakasi, 11 th Jan, 2013
4	National Seminar on Ozone depletion and global warming	CSIR	PITAM, Tiruvallur, 8 th Nov, 2011.
5	Fundamentals of Drug Discovery Process and Clinical Research	Clinical consortium	Sri Krishna Arts & Science College, Coimbatore, 6 th Sep, 2008.
6	Innovator Award Research Presentation	Clinical consortium	Sri Krishna Arts & Science College, Coimbatore, 6 th Sep, 2008.
7	Dept. Heads Meet on Improving Research Education	Society of United Life Science, India & AGOGHTCH	Sri Krishna Arts & Science College, Coimbatore, 5 th Sep, 2008.
8	National Symposium on Biorevolutions'04	Dept of Biotechnology	Kongu Nadu Arts & Science college, Coimbatore, 13 & 14 th Sep, 2004
9	Seminar on Management of sustainable environment	SPKCES	M.S. University, Tirunelveli, 16-17 th , March, 2004.
10	National Seminar on violence against women	HRD	Sri Paramakalyani College, Alwarkurichi, 12-13 th July, 1999.
11	Seminar on renewable energy sources	Vivekananda Kendra	Vivekananda Kendra, Kanyakumari, 27-28 th Sep, 1997.

Research programme organized:

<i>S.No</i>	<i>Programme</i>	<i>Sponsor</i>	<i>Venue & Date</i>
1	Popularization of Science Letter No: TNSCST/ POP. SCI. /AR/05/2018-19/4793 dated 02.11.2018).	TNSCST, Chennai	Prathyusha Engineering College, 29-30 th October, 2018.
2	Newer vista in Science for school children Programme (Letter No: 9094/P3/2015 dated 29.09.2015).	Tamilnadu Science city, Chennai	Prathyusha Institute of Technology and Management, 30 th October, 2015.
3	National seminar on "Emerging trends in Frontier discipline of Modern Biology"	TNSCST, Chennai	Prathyusha Institute of Technology and Management, 11- 12 th Feb, 2010.
4	National symposium on "New Frontier Vistas in Modern Biology"	CSIR, NewDelhi	Sri Kaliswari College, February 13-14, 2009.

5	Research paper presentation entitled “Kalis Gleanings-2008	Research Committee, SKC	Sri kaliswari College, Sivakasi, 27.09.2008.
6	Research presentation entitled “Express your Scientific Thoughts”	Research Committee, SKC	Sri kaliswari College, Sivakasi, 02.09.2008.
7	Research paper presentation entitled “Glimpses of kalis Research”	Research Committee, SKC	Sri kaliswari College, Sivakasi, 15.02.2008.

As resource person:

<i>S.No</i>	<i>Programme</i>	<i>Organiser</i>	<i>Venue & Date</i>
1	Workshop on immunotechniques	Sri Paramakalyani College, Alwarkurichi	Sri Paramakalyani College, Alwarkurichi, 4 th Jan, 2018
2	Anna university sponsored FDP on Immunology: Title: Lymphoid organs and immune response.	Dept. Of Biotech, Veltech High Tech	Veltech High Tech, Avadi. 3 rd December, 2016
3	State level Seminar on “Biology – Yesterday, Today and Tomorrow”	Dept. of Botany	Sri Parasakthi College, Courtallam, 24 th March, 2010.
4	One week “State level workshop on Advanced Techniques in Molecular Biology”	Dept. of Biotechnology	Sri kaliswari College, Sivakasi, April 24-29, 2006.
5	Three weeks summer training programme on “Techniques in Modern Biology”	Dept. of Biotechnology	Sri kaliswari College, Sivakasi, May 10 – 31, 2006.
5	National symposium on “Challenges of human life is the new millennium: Role of Biotechnologists”	Dept. of Biotechnology	Sri kaliswari College, Sivakasi, Sept 16-17, 2005.

Technical profile:

<i>Good Practical Knowledge in</i>	<i>Good Theoretical Knowledge in</i>
<ul style="list-style-type: none"> • Microbial cell culture technique • Animal cell culture technique • Immunotechnology • Microbial Biotechnology • Analytical Techniques in Biotechnology 	<ul style="list-style-type: none"> • Immunology & Immunotechnology • Microbiology & Microbial Biotechnology • Animal Biotechnology • Environmental Science and Engineering • Cell Biology
<i>Computational skill</i>	Gained working knowledge in word processing

Research Papers

International Journal

1. Amarnath, S., Narayanan, K.R., and **P. Dhasarathan**. 2019. Evaluation of Antibacterial activity of phytochemicals obtained from a medicinal plant, *Aerva lanata* using bacterial pathogens. *Asian Journal of Pharmacy and Pharmacology*. Accepted (AJPP-19-326), 2019. ISSN: 2455-2674. **UGC number: 64225**.
2. Christina Isaac*, Valivittan, K. and **P. Dhasarathan**. 2019. Screening and Identification of Active Phytochemicals Compounds from *Clitoria Ternatea* Leaves. *Asian Journal of Microbiology, Biotechnology & Environmental Sciences*. (Accepted AJ-1474). (ISSN: 0972-3005) (As per 2010: Impact factor: **0.071**). **UC 8799/ Scopus**
3. Lighty George., Mariammal.R., Merlin Rose. R and **P. Dhasarathan**. 2019. Cultivation of oyster mushroom (*Pleurotus flabellatus*) at different substrates. *Universal Review*. 2018. Volume 8, Issue I,339-346. ISSN No. 2277-2723, IF. 5.7, **UGC number: 40792**
4. Amarnath, S., Narayanan, K.R., Arunthathi, R and **P. Dhasarathan**. 2018. Anti diuretic impact of *Aerva lanata* extracts and their active compounds in furosemide administered diuretic rats. *BioTechnology : An Indian Journal*,14 (6): 1-6. ISSN No. 0974-7435, IF 0.89, **Scopus index**, SJR H Index-3
5. Amarnath, S., Narayanan, K.R., and **P. Dhasarathan**. Anti-nephrocalcinolysis activity of bioactive compounds isolated from *Aerva lanata* *International Journal for Research in Engineering Application & Management*, 4 (6):81-84. ISSN No. 2454-9150, IF 5.646, **UGC number: 64077**.
6. Dhasarathan.P, Murfath Yasin.K, Joys Emelda. J, Saranya.S, Sri Iswarya.K, A.J.A.Ranjith Singh. 2018. In vitro cardiac risk reduction bioactive substance from the seedlings of *Echinochloa frumentacea* And *Panicum sumantrance*. *Journal of Medical Science and Clinical Research*, 6 (10): 595-600. ISSN: 2455-0450. IF (SJIF): 6.379.
7. Amarnath, S., Narayanan, K.R., Venkataraman, R and **P. Dhasarathan**. Immunomodulatory effect of 2-decyl -1-tetra decanol isolated from *Aerva lanata*, *Universal Review*. 2018. Volume 7, Issue XII,1283-1292. ISSN No. 2277-2723, IF. 5.7, **UGC number: 40792**
8. Christina Isaac., Valivittan, K , **P.Dhasarathan**. Evaluation antioxidant activity of *Clitoria ternatea*. *Universal Review*. 2018. Volume 7, Issue XII,1283-1292. ISSN No. 2277-2723, IF. 5.7, **UGC number: 40792**
9. Christina Isaac., Valivittan, K , **P.Dhasarathan**. Biosynthesis of silver nano particles from the *Clitoria ternatea* and its antimicrobial activity. *International Journal of Management, Technology And Engineering*. 8 (12): 323-328. ISSN NO : 2249-7455. IF 6.3. **UGC number: 45550**.
10. A.J.A. Ranjitsingh, C. Padmalatha, G. Athinarayanan and **P. Dhasarathan**. 2018. Cell Mediated Immunity Dysfunction Retrieval Using the Extracts of the Plant *Cassytha capillaries* (Meissen). *Int.J.Curr.Microbiol.App.Sci.*, 7(7): 3568-3574. ISSN: 2319-7706.
11. **P. Dhasarathan**, N. Reeshma Devi, P. Sangeetha, Suman Madhu, G. Navaraj, A. J. A. Ranjitsingh and C. Padmalatha. 2018. Utilisation of Green Synthesised Silver Nanoparticles for Water Quality Management. *Advances in Nanoparticles*, 7, 77-84. ISSN Print: 2169-0510.
12. Arunthathi, R., Valivittan, K and **P. Dhasarathan**. 2018. Immunomodulatory effect of *Strychnous potatorum* seed extracts in fish model. *Asian Journal of Microbiology, Biotechnology & Environmental Sciences*. 20 (4): 1334-1337. (ISSN: 0972-3005) (As per 2010: Impact factor: **0.071**). **UC 8799/ Scopus**

13. **P. Dhasarathan**, S. Nithica, S. Aparna, K. Chalapandian and A.J.A.Ranjitsingh. 2018. Microbial Isolates for Enhancement of Seed germination. *Asian Journal of Soil Science and Plant Nutrition*, 3(4): 1-5. ISSN: 2456-9682.
14. Indira N., Valivittan K. and **P. Dhasarathan**. 2018. Isolation and identification of bioactive protein from fish by products. *Eco. Env. & Cons.* 24 (4) :1837-1842. ISSN 0971-765X.SJIR: **0.11**. UGC 12454/Scopus
15. Indira N., Arunthathi R., Valivittan K. and **P. Dhasarathan**. 2018. Physico-chemical analysis of natural water sources at Thengaipattinam, Kanyakumari District, Tamilnadu, India. *Eco. Env. & Cons.* 24 (4) :1859-1865. ISSN 0971-765X.SJIR: **0.11**. UGC 12454/Scopus
16. **Dhasarathan. P**, Charumathi S, Nagavasuda. R, K. Chalapandian, A J A Ranjitsingh. 2018. Plant Growth Promotion Using Panchagavya. *International Journal of Research & Review*, 5 (10): 194-196. E-ISSN: 2349-9788; P-ISSN: 2454-2237. **IF: 4.62**
17. **Dhasarathan.P**, Murfath Yasin.K, Joys Emelda. J, Saranya.S, Sri Iswarya.K and A.J.A. Ranjith Singh. 2018. In Vitro Cardiac Risk Reduction Bioactive Substance from the Seedlings of *Echinochloa frumentacea* and *Panicum sumantrance*. *JMSCR*, 06 (10): 595-600. ISSN (e)-2347-176x ISSN (p) 2455-0450. Impact Factor (SJIF): **6.379**.
18. Amarnath, S., Narayanan, K.R., Venkataraman, R and **P. Dhasarathan**. 2018. Control of microbiome using 2-decyl-1- tetradecanol isolated from *Aerva lanata* L. *International Journal of Engineering, Technology, Science and Research*, 5 (3): 1481-1487. (ISSN-2394-3386). **IF: 2.12**
19. Arunthathi.K , Valivittan,K , P. Dhasarathan. 2018. Characterization of bioactive compound isolated from *Strychnos potatorium* using bacterial pathogens. *International Conference on Advancements in Engineering, Technology and Sciences (ICAETS 2018)*, 472-478. ISBN: 978-93-87793-11-8.
20. P. Dhasarathan. 2018. Wound Healing mechanism in Fish muscle tissue after administration of *Coscinium fenestratum*, *Azadirachta indica*, *Cynodon dactylon* plant extract. *International Journal of Advance Research in Science and Engineering*.7 (3):231-238.ISSN: 2319-8354. **IF: 2.83**.
21. Indira,N., Valivittan, K and **P. Dhasarathan**. 2017. Evaluation of immunomodulatory efficiency of fish protein. *International Journal of Engineering, Technology, Science and Research*, 4 (12): 1372-1375. (ISSN-2394-3386). **IF: 0.708**
22. **Dhasarathan,P.**, Ranjitsingh, A.J.A and S. Gajendraravathan. 2017. Supremacy of STR – UMDNA Based Han Identity Testing A Comparison with other Forensic Testing. *International Journal of Engineering Technology Science and Research*, 4 (11). 690-695. (ISSN: 2394-3386). **IF: 2.12**
23. **Dhasarathan,P.**, Ranjitsingh, A.J.A and C.Padmalaatha. 2017. Antimicrobial activity of selected nano preparations of traditional medicine against human pathogens. *International Journal of Advance Research in Science and Engineering*, 6 (11): 1019-1027. (ISSN-2319-8354). **IF: 2.83**.
24. Amarnath, S., Narayanan,K.R., Venketraman,R and **P.Dhasarathan**. 2017. Characterization of active compound and extracts of *Aerva lanata* using antibacterial potential parameters against pathogens. *Asian Journal of Science and Technology*, 8 (10): 6035-6037. ISSN: 0976-3376. **IF: 6.315**
25. Lighty George and Dhasarathan, P. 2017. Effect of supplementary feed on morphometry and digestive tract enzymes of *Catla catla*. *International Journal of Current Research*, 9 (10): 59066-59068. ISSN: 0975-833X. **IF: 0.708**
26. Amarnath, S., Narayanan,K.R., Venketraman,R and **P.Dhasarathan**. 2017. Screening of secondary metabolites in *Aerva lanata* and their efficiency against bacterial pathogens.

International Journal of Current Research, 9 (4): 48586-48588. (ISSN: 0975-833X) IF: **0.708**

27. Thangaraj, A., Rekha, G and **P. Dhasarathan**. 2016. Cell mediated immune response in a fresh water fish, *Catla catla* against a bacterial pathogen. *Int.J.Curr.Res.Aca.Rev.*4 (3): 114-119. (ISSN: 2347-3215) IF: **2.519**.
28. Thangaraj A., Suganthi R and **Dhasarathan P** . 2016. Analysis of immunological efficiency of tamarindus indica using fish model. *International journal of current engineering sciences*, 6 (4): 24-26. (ISSN: 2320-9046) IF: **0.570**
29. Pushpahasni Kannan, Sharmila Raja S and **P. Dhasarathan**. 2015. Efficiency of in-vitro antibacterial activity of *Syzygium cumini* phenolic extract from leaves, 8 (6): 211-214. (ISSN: 0974-2441) IF: **0.567 UGC 8804/ Scopus**
30. Jenilarani,D., Parthasarathy,N., **Dhasarathan,P** and R.Yuvashree. 2015. Production of extra Cellular enzymes by microbial strains in Molasses and additive supplemented fermentation media, *African Journal of Microbiology Research*. 9 (11): 771-775. (ISSN: 1996- 0808) IF: **0.91 Scopus**
31. **Dhasarathan,P**. Pugazhenthii,M and K.Valivittan. 2014. Analysis of humoral immune response of animals exposed to bacterial antigens, *Central European Journal of Immunology*, 39(3):323-326. (ISSN: 1426-3912) IF: **0.3 UGC 5327 Scopus**
32. **P. Dhasarathan.**, P. Parthasarathy., D. Jenilarani and Neelam Jaiswal.2014. . Immunomodulatory efficiency of *Eetroplus suratensis* muscle protein. *Centr Eur J Immunol* 2014; 39 (1): 30-35. (ISSN: 1426-3912) IF: **0.3 UGC 5327 Scopus**
33. N. Hemalatha and **P. Dhasarathan**. 2013. Comparative study on the antimicrobial activity of *Capsicum annum* and *Capsicum frutescens*. *International Journal of Ethnomedicine and Pharmacological Research* 1(I): .142-147. (ISSN No. 2347 - 2901 (Print) 2347 - 291X (Online)).
34. M. Sujatha., **P. Dhasarathan.**, V. Nivetha and T. Kuberan. 2013. Pathogenicity of bacterial isolates to *Catla catla*. *Int.J.Curr.Microbiol.App.Sci.*, 2(12): 575-584. (ISSN: 2319-7706) IF 4.19
35. **P. Dhasarathan**, S. Paulsi and A.H.M. Harish. 2013. Expression of TLR and - actin in shrimp (*penaeus monodon*) tissues induced by in vivo infection with vibrio species. *Asian Journal of Microbiology, Biotechnology & Environmental Sciences*. 15 (1): 159-164. (ISSN: 0972-3005) (As per 2010: Impact factor: **0.071**). **UC 8799/ Scopus**
36. M Sujatha, P Dhasarathan. 2013. Humoral immune responses in *Catla catla* models of *Aeromonas Hydrophila* infection. *International Journal of Ethnomedicine and Pharmacological Research*, 1 (3): 198-202. ISSN No: 2347-291X.
37. M.Kalpana, T.Thenmozhi, G.Suganya, G.Janet Joshiba, P.Theriappan and P. Dhasarathan. 2013. Evaluation of *Acalypha fruticosa* and *Andrographis peniculata* alkaloid extract as a synergist against larvae of the filarial vector *Culex quinquefasciatus*. *International Journal of Ethnomedicine and Pharmacological Research*, 1 (2): 151-154. ISSN No: 2347-291X.
38. J. Nithya Kamalam, J. Anburaj, C. Sundaravadivelan, P. Kumar, T. Kuberan and **P. Dhasarathan**. 2013. Effect of pyrotechnic chemicals in digestive tract microflora and proximate composition in fish *Oreochromis mossambicus*. *Advances in Applied Science Research*, 2013, 4(1):188-194. (ISSN: 0976-8610).IF: 3.52
39. N. Boopala Bhagavan, S. Arunachalam, **P. Dhasarathan**, N.D. Kannan. 2013. Evaluation of anti inflammatory activity of *Indigofera aspalathoides* Vahl in Swiss albino mice. *Journal of pharmacy research*, 6: 350-354. (ISSN: 0974-6943).IF: 0.789
40. **P. Dhasarathan** and P. Theriappan. 2011. Evaluation of anti-diabetic activity of *Strychnonous potatorumin* alloxan induced diabetic rats. *Journal of Medicine and Medical Sciences*, 2(2): 670-674. (ISSN: 2006-9723).

41. **P. Dhasarathan.**, Ranjithsingh. A.J.A and S. Paulsi. 2011. Evaluation of cellular immune responses in mice exposed to pesticides. *Asian J. Pharma. Bio. Res.*, 1(1): 47-53. (ISSN: 2231-2218).
42. **P. Dhasarathan** and Paulsi. S. 2011. Evaluation of bioactive potential in durian fruit (*Durio zibethinus*) samples using pathogens. *Asian J. Pharma. Bio. Res.*, 1(1): 1-7.
43. **P. Dhasarathan** and P. Theriappan. 2011. Evaluation of immune complex as vaccine tool in disease management. *Journal of Pharmacy Research*. 4(3): 604-606. (ISSN: 0974-6943). IF: 0.789
44. Theriappan, P., Saranya Devi, K., and **P. Dhasarathan**. 2010. Micropropagation studies of a medicinal plant *Aristalochia indica* L. *International Journal of Current Research*. 11 (12): 200-204. (ISSN: 0975-833X). IF: **0.708**
45. Lighty George., Padmalatha. C., Ranjitsingh. A.J.A and **P. Dhasarathan**. 2011. Antifungal efficiency of haemolymph and aqueous extraction of red velvet mite, T. *Grandissimum*. *International Journal of Biology*. 3 (1): 111- 114. (ISSN. 1916 – 968X).
46. Paulsi. S and **P. Dhasarathan**. 2011. Estimation of biochemical status and immunostimulant potential of chosen fruits. *International Journal of Pharma & Biosciences*. 2 (1): B – 90-97. (ISSN: 0975-6299). IF:0.274 **Scopus index**
47. **P. Dhasarathan.**, Haniffa. M. A., Geetha. K and V. Dhanushkodi. 2011. Impact of climatic change on microbial population of Tamirabarani River. *Asian Jr. of Microbiol. Biotech. Env. Sc.*, 13 (1): 56-59 (ISSN: 0972-3005) (As per 2010: Impact factor: **0.071**). **UC 8799/ Scopus**
48. Premalatha.M., **P. Dhasarathan** and P. Theriappan. 2011. Phytochemical characterization and antimicrobial efficiency of seaweed samples, *Ulva fasciata* and *Chaetomorpha antennina*. *International Journal of Pharma and Bio Sciences*, 2 (1): B288 – B293. (ISSN: 0975-6299). IF:0.274 **Scopus index**
49. Haniffa. M.A., Dhanuskodi.V and **P. Dhasarathan**. 2011. Evaluation of Immunostimulant potential of *Solanum nigrum* L. using fish, *Etroplus suratensis* challenged with *Aphanomyces invadens*. *International Journal of Pharma and Bio Sciences*, 2 (1): B429 – B437. (ISSN: 0975-6299). IF:0.274 **Scopus index**
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51. Theriappan. P and **P. Dhasarathan**. 2011. Accumulation proline as a tool to screen genotypes in their ability to withstand osmotic stress. *International Journal of Current Research*, 2 (1): 15-22. (ISSN: 0975-833X) IF: **0.708**
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1. P. Dhasarathan. 2019. First International conference on contemporary Research Trends in Mycology and Mycotechnology (CRTMMT-2019), Mother Teresa Women’s University, Kodaikanal, 24-25th January, 2019.
2. P. Dhasarathan. 2018. Invitro cardiac risk reduction bioactive substance from the seedlings of *Echinochloa frumentacea* And *Panicum sumantrance*. IEEE International Conference AEEICB-18, 27-28th Feb, 2018. 379-381. ISBN: 978-1-5386-4606-9.
3. P. Dhasarathan. 2018. Utilisation of green synthesised silver nanoparticles for water quality Management. IEEE International Conference AEEICB-18, 27-28th Feb, 2018. Pp. 419. ISBN: 978-1-5386-4606-9.
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8. **Dhasarathan.P.** Isolation and screening of multi drug resistant capacity of Gram negative bacterial strain from nasocomal and non-nasocomal sources. IEEE International Conference on AEEICB-2012. PITAM, Chennai, 24-25th January 2012.
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1. **Dhasarathan.P.** Effect of pesticide on health status of birds challenged with bacterial pathogens. TNSCST sponsored National level conference on Application of Biotechnology in Clinical Research and Health care. Prathyusha Engineering College, Chennai, 24-25th January, 2019.
2. **Dhasarathan.P.** UGC sponsored National level conference on Current impact in conservation of Biodiversity and utilization. Arignar Anna Govt Arts College, Vilupuram, 9-10th January 2015.
3. Maheshkumar, R., **Dhasarathan.P** and K.Valivittan. Antibacterial effect of *Achillea mhlefolial* Linn against pathogenic strains. National seminar BIOSOLUTIONS 2K14, Valliammal college of Arts & Science, Chennai – 102, 15th Feb, 2014.
4. **Dhasarathan.P.** Evaluation of bioactive potential in rambutan fruit samples using pathogen. CSIR Sponsored National conference on Recent trends in Biotechnology and Chemical Engineering, Vel Tech High Tech Dr.RR & Dr SR Engineering College, Avadi, 14th Aug, 2013.
5. **Dhasarathan.P.** Cellular immune response in mice exposed to pesticides. CSIR sponsored International conference at PITAM, Tiruvallur, 24-25th Jan, 2012.

6. **Dhasarathan. P** and P. Theriappan. Screening of anticancerous activity of phytochemicals obtained from chosen Plants. National Symposium on New Frontier Vista in Modern Biology, Sri Kaliswari College, Sivakasi, 13-14th Feb, 2009.
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13. **P. Dhasarathan.**, A.J.A. Ranjithsingh., N. Sukumaran , S.Shantha and R.K.Premavathy. Effect of organophosphoreus pesticide on immunoglobulin and T cell counts in mice. State level seminar on Environmental problems, policies and perspectives. TREES & Sri Parasakthi College, Courtallam. 20 & 21th Feb, 2004.
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PROFILE

Dr. A. J A.RANJITSINGH

Professor

Department of Biotechnology



Prathyusha

Engineering College

(Affiliated to ANNA UNIVERSITY, Chennai)

Poonamalle – Tiruvallur High Road, Chennai – 602025

PROFILE

Dr.A.J A.RANJITSINGH

El-Shaddai,

1/24 B, Second Street, Gandhi nagar

Tirunelveli - 627 008

Home: 0462-2339169

Mob : 9443451076

Email: ranjitspkc@gmail.com



Educational qualification

1978 M.Sc - Marine Biology – Centre of Advanced Study in Marine Biology

1980 M.Phil - Marine Biology- Centre of Advanced Study in Marine Biology

1990 Ph.D - Life Science - Madurai Kamraj University

Position held - 36years in Education, Research, Curriculum Designing, Training and Counseling

1981 October - January 1987- Assistant Professor

1987 January - May 2002 - Senior Lecturer and Reader

2002 June - May 2011 - Associate Professor and Head of the Department

2011 June - May 2014 - Principal – Sri Paramakalyani College

2014 June - Oct 2015 - Principal JP College of Arts and Science

2015 Oct - Feb,2017 - UGC-Emeritus Fellow

2017 Mar - Till date - Professor, Dept. of Biotech. Prathyusha engineering college

Anna University Chennai

EXPERTISE

**Research, Development,
Curriculum designing and
Training**

1. Toxicology pollution and
Environmental protection

- Completed Two major research projects In this areas
- 98 Publications
- Did my own Ph.D studies
- Ten candidates have done Ph.D under my guidance in this areas

2. Biotechnology, Biomedical
Science, Immunology and
Microbiology

- 4 major Research projects completed
- 80 Research Publications
- 2 Patent submitted
- 2 Packages developed
- 20 Candidates have done Ph.D under me in this area

3. Hands on Training and Lab to Land
programme for Livelihood
improvement in Apiculture, Sericulture
Biotech and Traditional crafts.

- 2 Major projects completed
- 10 Research Publications
- Trained nearly 250 people
- Conducted National Level Brain storming session in collaboration with DST.
- 7 person have completed Ph.D under me in this areas.

Research Profiles

Research Projects:

Agency	Title	PI/Co-PI	Funds (lakhs)
L.HRD Ministry. Govt. of India	Studies on female headed households in Tamilnadu	PI	5.3
2.IIRD Ministry Govt. of India	Studies on infanticides in Tamilnadu	Co- PI	2.1
3. Ministry of Social Welfare Govt of India	Alcoholism in Tamilnadu	Co-PI	1.2
4. UGC- F.no.3-63/2001/SR11 19.03.2001- New Delhi	Immunomodulatory effects of organophosphate pesticides	PI	3,29,560
5. DST/SSD/SCP//064/2005 28.11.2005- New Delhi	Advanced Apiculture training for income generation for SC/ST population in Tirunelveli district of Tamil Nadu	PI	5,11,140

6.D.S.T – TC/2007/39/30.9.2008- New Delhi	Rejuvenation of Traditional pottery using advanced biotechniques	PI	22,98,800
7. UGC- F.no. 32/518/2006 SR New Delhi	Immunopotentiating drug discovery from marine realm for fish disease management	PI	6,21,600
8.DST/SSD/SCP012/2008/ 23.3.2009	Livelihood improvement and Empowerment of scheduled caste population in identified districts of TamilNadu through training programme in Scientific method of Apiculture	PI	15.73,000
9.UGC- F/no.33- 377/2007(SR)/10.03.2008 New Delhi	Disease management in the silkworm <i>Bombyx mori</i> utilizing probiotic and immune modulating neutraceuticals	Co-PI	11,44,300
10.D.B.T- BT/PR/8907/SPD/09/ 758/2807/1.11.2008- New Delhi	Perspective plan for income generation of SC/ST Population in Tirunelveli District of Tamilnadu through advanced training in Sericulture	PI	8.81,000
11.DST/TSD/CG/TC/2010 24/9/2010	Brain storming Meeting on science and Technology interventions in Traditional craft	PI	2,30,000
12.UGC-F.No.39/577/2010 (SK)10.01.2011- New Delhi	Antioxidant and Immunomodulatory secondary metabolites from <i>Nyctanthes arbortristis</i> and <i>Rubia cardifolia</i> and <i>invitro</i> and <i>invivo</i> trials in mice	PI	6,71,800
13. DST – TSG/TC/2011/70	Application and standardization of Natural dyes and natural fibres to enhance the quality of Traditional handicraft products	Co-PI	16,21,635
14.DST/TSG/TC/2011/28.12.201 1	Microbiological and Nanotechnological intervention in Traditional crafts to enhance quality and Marketing to meet contemporary demand	PI	22,89,400

RESEARCH THESIS GUIDED

1. Number of Ph.D scholars Guided Indian – 37, International	– 1
2. Number of PDF scholars Guided	- 2
3. Number of M.Phil scholars Guided	- 40
4. Number of Ph.D scholar guiding	- 4

PUBLICATION

Books

A. International Publication chapters contributed- 1. CRC Press, 2. Pennsylvania Academy of Science

B. Indian Books with ISBN - 4

C. Manuals Published (in subjects through different Languages)

English - 3

Tamil - 2

Hindi - 1

D. Video Package developed

Apiculture - 1

Sericulture - 1

Research Papers Published

A. In Journal of high reputation with H-index, web of science,

Thompson Reuters, Elsevier, Tailor and Francis etc. -122

B. In Journals with high impact factor between.0 ,5 -1.5 - 70

C. In Magazine, Dailies -The Hindu and other magazine - 15

D. Talks given in Door Darshan and All India Radio - 10

Other Research contributions in Biotechnology and Molecular biology

Partial Gene Sequenced and Submitted to NCBI-USA - 35

New Castle Virus Gene Sequenced and Submitted to NCBI - 1

Seminars, Workshops and Training

National Level Programme - 6

National Level Training/ Hands on Training and Workshop/ Programme organized - 4

State Level Seminar and Conferences - 4

Refresher Courses, Seminar, workshops, Training, Lab to Land, Hands on Training attended, presented papers, chaired sessions, Key note address given etc -42

International Exposure

1. International Conference attended, Research paper submitted - ETH – Switzerland, University of Malaysia.

2. Other countries visited and lab visited - Newzealand, Singapore and Thailand.

HONOURS RECEIVED(Awards, fellowship)

S.No	Name of the awards & fellowships	Year
1	Best Research Paper Award TATA Institute For Fundamental Research	1998
2	University, best N.S.S Unit Award	1999
3	Best environmentalist award AWARDS- Tamilnadu	2006
4	Mother Theresa Award For Social Work, AWARDS – Tamilnadu	2007
5	Best Scientific Award- Science and Technology, New Delhi	2013
6	Lions Club International – Certificate of Appreciation for Eye Donation Awareness Group	2013
7	Best paper award in international conference on Eco- System conservation. (ECO- CASD)	2013
8.	Best Researcher Award – New Delhi	2014 & 2015
9.	State Level Best Teacher Award –Reddington India	2016
10	Kamarajar award	2016

CONSULTANCY

S.No	Title of Consultancy Work	Client	Period
1	Environmental Pollution Monitoring	SESWO, Tirunelveli	From 2001
2	Scientific Methods of Queen Rearing in Apiculture	Natural Honey, Thalvaipuram	From 2007
3.	Hon. Adviser – Social and Environment action cell,	Gandhi Nagar	2015 – till date

BOOKS, MANUALS, TECHNICAL, REPORTS AND VIDEO EDITED:

Title	Publisher Year
1.Proceeding	
1. National symposium on violence against women	SPK College 2001
2. National Seminar on Rights of child	SPK College 2002
3.National Seminar on Bio-technology	SPK College 2003
4. National Seminar on Grow more Biotechnology	SPK College 2004
5.Female Headed households in south Tamil nadu	SPK College 2005
2. Books:	
1.Environmental contaminants, Ecological changes and Human Health. [Contributed chapters].	Pennsylvania Academy of Science, USA, 1994.
2.Profitable Apiculture (Tamil, English and Hindi)	2009
3.Profitable Sericulture (Tamil and English)	2009
4. New Vistas in Personality Development	2009
5. Valorization of food processing by bi-Products (Chapter contributed)	CRC press 2012
3.Manual:	
1.Manual in Molecular Biology techniques	Helini, Chennai 2007
2.Manual – Practical in Biotechnology	Helini, Chennai 2009
4. Package Developed	
1. Profitable Apiculture	2007- 2009
2.Profitable Sericulture	2007- 2009.

DETAILS OF RESEARCH PAPERS PUBLISHED

1. R.Mariselvam., **A.J.A.Ranjitsingh.**, A.Usha Raja Nanthini (2017).Eco-friendly natural dyes from *Syzygium cumini* (L) (Jambolan) fruit seed endosperm and to preparation of antimicrobial fabric and their washing properties – Fibers and Polymers. Impact factor – 1.022. - Accepted
2. G. Athinarayanan, **A.J.A.Ranjitsingh**, A.Usha Raja Nanthini and C.**Padmalatha** (2017). Toxicological Studies of *Caesalpinia sappan* wood derived dye in wister albino rats. Journal of Food Science and Human Wellness (FSHW-2016-59-R2) - article Under Accepted.
3. R. Mariselvam, **A. J. A. Ranjitsingh**, P. Mosae Selvakumar, Abdullah A. Alarfaj, and Murugan A. Munusamy, (2016)[Spectral Studies of UV and Solar Photocatalytic Degradation of AZO Dye and Textile Dye Effluents Using Green Synthesized Silver Nanoparticles](#), Volume 2016 (2016), Article ID 8629178, 8 pages. IF: 2.081.
4. R.Mariselvam, **A.J.A. Ranjitsingh**, K.Kalirajan, A.Usha Raja Nanthini, G. Athinarayanan and P.Mosae Selvakumar (2015). Extraction of natural dyes from *Curcuma longa*, *Trigonella foenum graecum* and *Nerium oleander*, plants and their application in antimicrobial fabric. *Industrial Crops and Products*. 70: Pp: 84-90. IF: 3.449.
5. R.Mariselvam, K.Kalirajan, A.U.R. Nanthini and **A.J.A.R.Singh** (2015). Green synthesis of silver nanoparticles from the aqueous extract of the seed endosperm of *Syzygium cumini*; *Characterization and antibacterial activity*. *Arab J. Phys. Chem.*2(3): Pp: 1-5.
6. R.Mariselvam, A.Arul Jeyanthi, P.Arunthathi, P.Padma, M.Pitchammal Devi, R,Rajalakshmi, **A.J.A. Ranjitsingh** and A.Usha Raja Nanthini (2015). Spectral studies of banyan areal root tip mediated silver nanoparticles synthesis and preparation of eco- friendly silver nanoparticles tooth paste and their enhanced microbial activity. *Arab J. Phys. Chem.* 2(2): Pp: 43-47.
7. R. Mari Selvama, G. Athinarayanana, A. Usha Raja Nanthini, **A.J.A. Ranjit Singh**, K. Kalirajana, P. Mosae Selvakumard (2015).Extraction of natural dyes from *Curcuma longa*, *Trigonella foenum graecum* and *Nerium oleander*, plants and their application in antimicrobial fabric *Industrial Crops and Products* 70 :84–90. Impact factor: 3.5.
8. A.Balasubramanian and **A.J.A.Ranjit singh**(2015). Studies on isolation of *Proteus mirabilis* form urinary catheter biofilm. *International Journal of Advance Multidisciplinary Research*. 2(1):2393-8870.
9. A.Balasubramanian and **A.J.A.Ranjit singh**(2015). Intrauterine devices associated biofilm with SEM analysis. *International Journal of Advance Multidisciplinary Research*. 2(1):2393-8870.
10. A.Balasubramanian and **A.J.A.Ranjit singh** (2015). Molecular characterization of *Proteus mirabilis* and *Pseudomonas aeruginosa* isolates from catheter biofilm.. *International Journal of Advanced Research in Biological Sciences*. 2(1):2348-8069.
11. G. Athinarayanan, R.Mariselvam, **A.J.A. Ranjitsingh** and A.Usha Raja Nanthini (2015). Phytotoxicity of selected different natural dyes study on *Phaseolus aureus* (Green gram). *IJSR*. 4(4): Pp: 2067-67.
12. R.Mariselvam, **A.J.A. Ranjitsingh**, A.Usha Raja Nanthini, K.Kalirajan, C.Padmalatha and P.Mosae Selvakumar (2014). Green synthesis of silver nanoparticles from the extract of the inflorescence of *Cocos nucifera* (Family:

Arecaceae) for enhanced antibacterial activity. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*. 129: Pp: 537-541. IF: 2.653.

13. R.Mariselvam, **A.J.A. Ranjitsingh**, C.Padmalatha and P.Mosae Selvakumar (2014). Green synthesis of copper quantum dots using *Rubia cordifolia* plant root extracts and its antibacterial properties. *JAIR*. 3(4): Pp: 191-194.
14. R.Mariselvam, H.Sridhar, S.Umamaheswari and **A.J.A.Ranjitsingh** (2014). Worker reproduction and ovary difference in normal worker and egg laying worker honey bees in *Apis cerana indica* (F) (Indian bee) honey bee colony. *International Journal of Advanced Scientific and Technical Research*. 4(4): Pp: 780-786.
15. A.Balasubramanian and **A.J.A.Ranjit singh** (2014). Effect of silver nanoparticles on the growth of bacterial isolates from urinary catheters and intrauterine devices. *International Journal of Current Research in Chemistry and Pharmaceutical Sciences*. 2(01).
16. A.Balasubramanian and **A.J.A.Ranjit singh** (2014). Scanning electron microscopic study on biofilm forming *Proteus mirabilis*. *International Journal of Advanced Research in Biological Sciences*. 1(9):2348-8069
17. Gokulshankar Sabesan., Remya Vallothol., **Ranjitsingh Amirtha Jacob Abbadorai** and Mehenderkar (2014). Does competition for existence pushed the evolution of the ‘once’ saprophytic fungi to parasitic life?. *Malaysian Journal of Microbiology*.1828-8262.
18. Mariselvam, R., Usha Raja Nanthini, A., Athinarayanan, G. and **Ranjit Singh, A. J. A.**(2013). Characterization And Antibacterial Effect Of Green Synthesised Silvernanoparticles By The Aqueous Extract Of *Mimusops Elengi* Flower. *International Journal of Development Research*. 3(10): 201-203.
19. R.Mariselvam, **A.J.A. Ranjitsingh**, and A.Usha Raja Nanthini (2013). Preparation and Characterization of silver nanoparticles using *Rubia cordifolia* plant root extract and their microbial properties. *International Journal of Advanced Research*. 1(8): Pp: 56-61.
20. R.Mariselvam, **A.J.A. Ranjitsingh**, A.Usha Raja Nanthini and K.Kalirajan, (2013).Antihelmintic and Antibacterial activity of *Cocos nucifera* tree inflorescences crude extract. *IJSID*. 3(2): Pp: 311-316.
21. R.Mariselvam, E.Muthukumar, S.Suresh, **A.J.A. Ranjitsingh** and K.R.Narayanan (2013). DNA profiling using polymorphic autosomal DNA loci PV92 in a dravidian population and evaluation of hardy Weinberg law. *The Experiment*. 14(1): Pp: 879-87.
22. B.Sri Reegan, A.Palanivel, R.Mariselvam, **A.J.A.Ranjitsingh**, P.Mosae Selvakumar and S.Edwin Jayaraj (2013). Comparative analytical study on various market palm jiggery samples and their use in green synthesis of silver nanoparticles. *International Journal of Nanoscience and Nanotechnology*. 4(1): Pp: 125-135.
23. C.Ramalakshmi, **A.J.A. Ranjitsingh**, K.Kalirajan, A.Kalirajan, G. Athinarayanan and R.Mariselvam (2013). A preliminary screening of the medicinal plant *Couroupita guianensis* for its antibacterial potential against clinical and fish-borne pathogens. *Elixir Appl. Bio*. 57: Pp: 14055-57.
24. A.Usha Raja Nanthini, N.Thulasi Raman, K.Poomari, S.Ramesh, R.Mariselvam and **A.J.A. Ranjitsingh** (2013). Qualitative and Quantitative production of Secondary metabolites from *Pseudomonas fluorescens* from Pseudolin – LF. *IJCRLS*. 2(11): Pp: 32-34.

25. A. Usha Raja Nanthini, R. Mariselvam and **A.J.A. Ranjitsingh (2013)**. Dye degradation effect of an intergeneric hybrid between *Ganoderma lucidum* and *Pleuroyus florida*. *International Journal of Advanced Research*. 1(9): Pp: 112-123.
26. Usha Raja Nanthini, A., Athinarayanan, G., **Ranjitsingh, A. J. A.**, Mariselvam, R., Chairman, K. and Narayanan, K.R.(2013). Antimicrobial Activity Of Leaf Extracts Of The Medicinal Plants *Andrographis Paniculata* And *Melia Azadirach L.* *International Journal of Current Research*. 5(11): 3563-3566.
27. Usha Raja Nanthini, A., Athinarayanan, G. and **Ranjit singh, A. J. A (2013)**. Dyeing Characteristics And Antimicrobial Efficacy Of A Natural Dye From the flower *Nyctanthesis arbortristis*. *Asian Journal of Science and Technology*. 4(09): 227-230.
28. A. Usha Raja Nanthini, R. Mari Selvam and **A.J.A. Ranjit Singh, (2013)**. Dye degradation effect of an intergeneric hybrid between *ganoderma lucidum* and *pleurotus florida*. *International Journal of Advanced Research*. 1(9): 119-121.
29. Kalirajan Arunachalam and **Ranjitsingh Amirtham Jacob Appadorai (2013)**. Antioxidant potential and biochemical evaluation of metabolites from the marine bacteria *Virgibacillus* sp. associated with the sponge *Callyspongiadiffus*. *Free Radicals and Antioxidants*. 3: 47- 51.
30. A. Kalirajan, M. Karpakavalli, K.R. Narayanan, K. Ambiganandham, **A.J.A. Ranjitsingh** and S. Sudhakar, (2013). Isolation, Characterization and Phylogeny of sponge - associated bacteria with antimicrobial and immunomodulatory potential, *Int.J.Curr.Microbiol.App.Sci*. 2(4): 136-151.
31. Kalirajan, K.R. Narayanan, **A.J.A. Ranjit Singh**, C. Ramalakshmi and P. Parvathiraj, (2013). Bioprospecting medicinal plant *Aerva lanata* Juss. Ex Schult. Flowers for potential antimicrobial activity against clinical and fish-borne pathogens. *Indian Journal of Natural Products and Resources*. 4(3): 306-311.
32. Jeyakumar Nelson, K. Chairman, **AJA Ranjit Singh (2013)**, C. Padmalatha and Beulla Hepsibah. Cytomorphological Changes and Inhibition of Inclusion Body Formation in *Leptospira interrogans* on Treatment with the Extracts of *Adhatodavasica*. *Adv Tech Biol Med* . 1:1-6.
33. Jeyakumar Nelson, K. Chairman, **A.J.A Ranjit Singh**, C. Padmalatha and Hepsibah Beulla (2013). Cytomorphological Changes and Inhibition of Inclusion Body Formation in *Leptospira interrogans* on Treatment with the Extracts of *Adhatodavasica*. *Adv Tech Biol Med*, 1:1
34. Kumutha P, C. Padmalatha, K. Chairman, **A.J.A. Ranjit Singh (2013)**. Effect of pesticides on the reproductive performance and longevity of *Bombyx mori*. *Int.J.Curr.Microbiol.App.Sci* 2(9): 74-78.
35. Kumutha.P, C. Padmalatha, K. Chairman, **A.J.A. Ranjit Singh, (2013)**. Effect of Pesticides on Larval Weight and Duration of Silkworm *Bombyx mori*. *International Journal of Pharmaceutical and Chemical sciences*. Vol. 2 (4): 2065-2068.
36. Kumutha.P, Padmalatha.C, Chairman.K, **Ranjit Singh A.J.A, (2013)**. Effect of Pesticides on the Metamorphosis of Silkworm *Bombyx mori*. *Intl.J. of Molecular Zoology*. 3(4):14-16.

37. K. Vasanthi, Chairman. K. and **A.J.A. Ranjit Singh**. (2013). Vermicomposting of leaf litter ensuing from the trees of Mango (*Mangifera indica*) and Guava (*Psidium guajuvu*) leaves. *International Journal of Advanced Research*. 1(3):33-38.
38. K. Vasanthi, M. Senthilkumari, K. Chairman and **A.J.A. Ranjit Singh**, (2013). Influence of temperature on growth and reproduction of earthworm *Eudriluseugeniae*. *Int. J. Curr. Microbiol. App. Sci.* 2(7): 1-4.
39. K. Vasanthi, K. Chairman and **AJA RANJIT SINGH** (2013). Sugar Factory waste (Vermicomposting with an Epigeic Earthworm, *Eudrilus eugeniae* (kinberg). *Am. J. Drug Discov. Dev.* 1-10.
40. K. Vasanthi, K. Chairman and **A.J.A. Ranjit Singh**, (2013) Influence of animal wastes on growth and Reproduction of the African earthworm species *Eudriluseugeniae* (kinberg). *Poll Res.* 32 (2):149-154.
41. Vasanthi. K, K. Chairman and **A.J.A. Ranjit Singh**, (2013). Antimicrobial activity of earthworm (*Eudrilus eugeniae*) paste. *African Journal of Environmental Science and Technology*. 7(8): 789-793.
42. Vasanthi K, M. Senthilkumari, K. Chairman and **A.J.A. Ranjit Singh**, (2013). Vermiremediation of Filter mud Waste Mixed with Animal Dungs into Valuable Manure Using earthworm *Eudrilus eugeniae*. *International Journal of Current Research*. 5(08): 210-213.
43. Kannan. M, M. Susila, S. Venkatesan, K. Rajarathinam and **A.J.A. Ranjit Singh**, (2013). Substrate optimization and characterization of protease enzyme production by *Aspergillus niger*, *Journal of Bloomers of Research*. 5(2): 632-636.
44. Sri Reegan. B, A. Palanivel, R. Mariselvam, **A.J.A. Ranjit Singh**, P. Mosae Selvakumar and S. Edwin Jayaraj, (2013). Comparative analytical study on various market palm jaggery samples and their use in green synthesis of silver Nano-particles. *International Journal of Nanoscience and Nanotechnology*. 4(1): 125-135.
45. Detricchu.....**Ranjit Singh. A.J.A**, Arumugasamy Vaithilingam, (2013). Systemic analysis of enhancer and critical cis-Acting RNA elements in the protein-encoding region of the Hepatitis C virus genome, *Journal of Virology*, 87: 10: 5678-5696.
46. K. Chairman, **A.J.A. Ranjit Singh** (2013). Cytotoxic Activity of Sponge Extract and Cancer Cell Lines from Selected Sponges. *Biomaterial and Biomedicine*. 2(1):
47. K. Chairman, K. Elizabeth Mathew, R. Vijila Christy, C. Padmalatha, **A.J.A. Ranjit Singh**, (2013). Efficacy of bioactive compounds of sponges to prevent Biofilm formation on medical implants. *International Journal of Clinical Case Reports*. 3(6): 31-36.
48. K. Chairman, M. Amuthan, S. Ramesh, K. Vasanthi, **A.J.A. Ranjit Singh**, (2013). Isolation and Identification of Bio-fertilizing Microorganisms from Soil Samples and Determination of Growth Condition in Chilly and Cluster Beans. *Medicinal Plant Research*. 3(6):44-51.
49. K. Chairman, M. Jeyamala, S. Sankar, A. Murugan, **A.J.A. Ranjit Singh**, (2013). Immunomodulating Properties of Bioactive Compounds Present in *Aurora Globostellata*. *International Journal of Marine Science*. 3(19):151-157.

50. K.Chairman, K. Elizabeth Mathew, R.Vigila Christy, C.Padmalaatha, **A.J.A.RanjitSingh**, (2013). Effect of milk powder and its solution on cocoon quantitative parameters of silkworm (*Bombyx mori* L.) *World Journal Of Pharmacy and Pharmaceutical Sciences*. 2(4):1866-1875.
51. Balasubramanian.R,K.R.Narayanan,K.Chairman,M.Premalatha, **A.J.A.RanjitSingh**,(2013). Isolation and screening of probiotics isolated from Cow's milk and its antimicrobial activity. *World Journal of Pharmacy and Pharmaceutical*. 2(4): 1851-1865.
52. Ramalakshmi.C, **A.J.A.Ranjit Singh**, K.Kalirajan, A.Kalirajan, G.Athinarayanan, and R.Mariselvam (2013). A preliminary screening of the medicinal plant *Couroupita guianensis* for its antimicrobial potential against clinical and Fish-borne pathogens. *Elixir Appl. Bio*. 57: 14055-14057.
53. R.Mariselvam, **A.J.A. Ranjitsingh** and K.Kalirajan (2012). Anti-microbial activity of turmeric natural dye against different bacterial strains. *Journal of Applied Pharmaceutical Science*. 2(6): Pp: 210-212.
54. R.Mariselvam, **A.J.A. Ranjitsingh** and K.Kalirajan (2012). Antifungal activity of different natural dyes against traditional products affected fungal pathogens. *Asian Pasific Journal of Tropical Biomedicine*. Pp: S1461-S1465.
55. R.Mariselvam, E.Muthukumar, S. Suresh, **A.J.A. Ranjit Singh** and K.R.Narayanan, (2012). DNA profiling using polymorphic autosomal DNA Loci PV92 in a Dravidian population and Evaluation of Hardy Weinberg Law. *The Experiment*. 14 (1): 879-887.
56. Savarimuthu Michael . J, M.Karuthapandi, A.Kalirajan and **A.J.A.Ranjit Singh**(2012). Biochemical composition and its changes during active and aestivated snail *Achatina fulica*. *Journal of Parama* 1(1): 20-25.
57. A.Kalirajan, J. Savarimuthu Michael, **A.J.A.Ranjitsingh** and C. Padmalatha, (2012). Antimicrobial and wound healing studies on the extracts of the Medicinal plant *cocculus hirsutus* (linn). *International journal of Applied Biology and Pharmaceutical technology*, 3 (2), Pp: 63-67.
58. Kalirajan, J. Savarimuthu Michael, and **A. J. A. Ranjit Singh**, (2012). A Preliminary screening of the medicinal plant *Desmodium gyrans* for its antimicrobial, phytochemical and wound healing properties. *International Journal of Pharmaceutical Sciences and Research*. 3(6): 1000-1004..
59. A.Kalirajan, R. Mariselvam, J. Savarimuthu Michael, K. R. Narayanan, G. Athi Narayanan and **A. J. A. Ranjit Singh**, (2012) .Utilization of *bougainvillea glabra* for prepared natural coloring agent and biopesticides. *International Journal of Current Research*, 4 (09): 009-011.
60. A. Kalirajan, J. Savarimuthu Michael, **A.J.A.Ranjitsingh** and C. Padmalatha, (2012). Antimicrobial and wound healing studies on the extracts of the Medicinal plant *Cocculus hirsutus* (linn). *International journal of Applied Biology and Pharmaceutical technology*. 3 (2): 63-67.
61. Chairman, R.Mariselvam and **A.J.A.Ranjit Singh**, (2012). Antibiotic sensitivity in *Staphylococcus aureus* and *Staphylococcus epidermis* isolated from pus and sputum samples of hospitalized patients in Tirunelveli district, Tamiladu. *Journal of Parama* 1(1): 26-30.

62. K.Chairman,**A.J.A.Ranjit Singh, G.Alagumuthu,(2012)**. Antimicrobial activityof the extracts from the selected marine sponges – *Elixir journal of biotechnology*.
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64. K.Chairman,**A.J.A.RanjitSingh,G.Amalarani,C.PadmalthaandG.Alagumuthu, (2012)**. Effect of Marine extracts on the microbial pathogens causing flacherie in the Mulberry silkworm, *Bombyx mori* L. *Asian pacific of Tropical Biomedicine*. S1858-S1861.
65. I.Joseph, **A.J.A.Ranjit Singh, C.Padmaltha and J. Savarimuthu Michael, (2012)** Prevalence of extended spectrum β – lactamase mediated resistance in gram negative urinary tract isolates. *Journal of Parama* 1(1): 40-46.
66. A.Balasubramanian,K.Chairman,**A.J.A.RanjitSinghand G.Alagumuthu.(2012)**.Isolation and Identification of microbes from biofilm of urinary catheters and Antimicrobial susceptibility evaluation. *Asian pacific of Tropical Biomedicine*. S1780-S783.
67. R.Vaishnavi, K.Chairman,**A.J.A.Ranjit Singh, S.Ramesh, S.Vishwanathan(2012)**. ScreeningtheeffectofBagasseanagrowastefortheproductionofcitricacid Using *Aspergillusníger*throughsolidstatefermentation.*BioscienceMethods*.3(8): 48-54.
68. K.Chairman, A.J.A. **Ranjitsingh, C.Padmaltha, R.Mariselvam, and R.Jeyasheela (2011)**. Growth promoting effect of black gram and ground nut seed powder on *Bombyx mori*. *International Journal of Current Research*. 3(11): Pp: 77-79.
69. Chairman K and **A.J.A.Ranjit Singh, (2011)**. Utilization of microbial isolates from rhizophere zones as biofertilizers to enhance growth and biochemical components in the plants *Cympsis tetrogoloba* (cluster beans) *Capsicum annum* (chilly).*Uttar Pradesh Journal of Zoology*. 31(1): 119-125.
68. Chairman K, **A.J.A.Ranjit Singh** and C.Padmaltha, (2011). Effect of pesticide on intestinal microflora in fish *Mystatus vittatus* .*Asian Journal of Pharmaceutical and Clinical Research*. 4 (4): 156-158.
69. Chairman K, **A.J.A.Ranjit Singh, C.Padmaltha and K.Elizabeth Mathew (2011)**. Beware of pathogenic microbes in public utility devices.*Journal Microbiological and Biotechnological Research*. .1 (3): 85.
70. Chairman K, **A.J.A. Ranjit Singh, C. Padmaltha, R. Mariselvam, and R. Jeyasheela (2011)**. Growth Promoting effect of black gram and ground nut seed powder on *Bombyx mori*. *International journal of current Research*. 3(11): 077-079.
71. Gokulshankar sabesan, Ranjit mahanderkar, Valli kumar and**A. J. A. Ranjit Singh, (2011)**. Can smoking cause melanization of *Cryptococcus neoformans* in vivo?. *Malaysian journal of microbiology*. 7 (4): 223-225.

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Pentalonia nigronervosa (homoptera : aphididae) relation to host . *J. Adv. Zool.*, 13 (1): 44 - 46.

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Proceedings

1. **Ranjit Singh A.J.A** and C.Padmalatha, (1999). Pesticide threats to aquatic ecosystem. Proc. Reg. Seminar Env. Pollution, Palayamkottai.
2. Natarajan C.R, **A.J.A.Ranjit Singh** and N.Sukumaran, (1998). Organo Phosphorus pesticide induced aberrations in the fish *Cyprinus carpio*. Proc. Nat. Seminar. Tamilnadu Science forum, M.S.University.
3. **Ranjit Singh A.J.A** and C.Padmalatha, (1997). Ecological aspects of *Peroderma Heller* (Lernaeoceriformes : Copepoda) from sardines off the Protonova coast, *German Journal for applied Zoology* : 6 (2): 117 – 121.
4. **A.J.A.Ranjit Singh**, (1996). Observation on the systematic, fisheries and biology of *Sardinella spp*. Off Proto – Novo coast – M.Phil. Thesis Centre of Advanced Study in Marine Biology – proto Novo.
5. **Ranjit Singh A.J.A**, (1982). Breath in Jeopardy, Educational Forum. 2: 14 – 17.
6. **Ranjit Singh A.J.A** , (1982). Menstruation, a Biological phenomenon, Educational Forum. 2: 14 – 17.
7. **A.J.A. Ranjit singh** and C.Padmalatha (2011). [PL-05] Nanomedicine the Growing Need. Proceeding 10th National level Biological Congress on “Promising Faces of Biotechnology”. Dept. of Biotechnology, Muthayammal College.
8. More Pre- Historic buried sites found in Tirunelveli District (March 09,2010)- The Hindhu. Biologically treated clay. (June 12 2010). The Hindhu.

9. **Ranjit Singh A.J.A** , (1999). Perlis of Dowry syndrome an exploration, *Proc. National Seminar on Violence Against Women*. 66 – 69.
10. **Ranjit Singh A.J.A** and C.Padmalatha, (1998). “Honey the Heavenly Juice” (in Tamil) *Herald of Health (Nalwazhi)* Dec 1998.
11. **Ranjit Singh A.J.A** and A.G.Murugesan, (1994). Tissue Culture a Boon to Agriculture. *AGRI. Yearbook. Vadamalai Publishers*.
12. **Ranjit Singh A.J.A** and C.Padmalatha, (1991). Matrimonial market in South Tamilnadu Social Welfare, XXXVIII (8) 18 – 37.
13. **Ranjit Singh A.J.A** and C.Padmalatha, (1991). Are Food Safe? *Science Today*, April 44 – 51.
14. **Ranjit Singh A.J.A** and C.Padmalatha, (1991). Alcohol abuse among the women folk of chakkiliar community. *Health Action* (11) : 9 –14.
15. **Ranjit Singh A.J.A** and C.Padmalatha, (1990). Neem – Tree – uses (in Tamil), *Herald of Health (Nalwazhi)*. Aug 1990.
16. **Ranjit Singh A.J.A** and C.Padmalatha, (1989). Harmful Environment (in Tamil) *Herald of Health (Nalwazhi)* March & April 1989 (2 Parts).
17. **A.J.A.Ranjit Singh**, (1990). Senotita and laundry Men of the sea (in Tamil), *Kalaikathir*, Aug. 1989.
18. **Ranjit Singh A.J.A** and C.Padmalatha, (1989). Alcoholic habits among women of chakkaliar community. Social Welfare Central Social Welfare Board, XXXVIII (3) : 34 – 37.
19. **Ranjit Singh A.J.A** and C.Padmalatha, (1988). A study on the alcoholic habits among college students in Tamilnadu. *J. Alcoholic Problems*. 1 (10 8 : 1-4).
20. **Ranjit Singh A.J.A**, (1983). Menstruation, a Biological phenomenon, *Educational Forum* : 2 : 21 – 24.
21. **Ranjit Singh A.J.A**, (1982). Breath in Jeopardy, *Educational Forum* : 2 : 14 – 17.
22. Colored silk fibre sans dyeing (10-11-2013)- The Hindhu.
23. **Super bugs a reality THE HINDU Dec 2016**

Curriculum Vitae (Brief)
S NARENDAR SIVASWAMY

Mobile : +91 99520 91621

Current Position (Since 2009)	Director (Technical) SYNKROMAX BIOTECH PVT LTD SIDCO Multi-Storey Complex, SIDCO Industrial Estate Thirumazhisai, <u>Chennai 600 124</u> , India
Job Responsibilities	(a) Designing/Setting up/Commissioning of Manufacturing Unit (b) Designing/Commissioning of fermentors/reactors (b) Formulation of Industrial Enzymes (c) Bioproducts / Biofuels / Nutraceutical / Probiotics
Educational Qualification	B Sc (Botany), Pachaiyappa's College, Chennai (1976) M Sc (Botany), Pachaiyappa's College, Chennai (1978) Ph D (Botany), CAS in Botany, Univ of Madras (1982) PDF, CAS in Botany, Univ of Madras (1982-1984)
Additional Qualification	MA (History) PG Diploma in Business Administration PG Diploma in Applied Psychology
Experience	Thirty Five (35) years of industrial experience in Setting up of manufacturing units / laboratories, Fermentation, Industrial Enzymes, Antibiotics, Formulations, Bioprocessing, Bioproducts, Biotransformation etc
Work Experience	2008-2009: Business Head, Operon Biotech Pvt Ltd, Chennai 2007-2008: Sr VP, Sven Genetech Limited, Hyderabad 2004-2007: GM, Tex Biosciences Limited, Chennai 2002-2004: GM, J K Pharmachem Limited, Cuddalore 2000-2002: Consultant (Bioproducts), Chennai 1991-2000: VP(Tech), Esvin Biosys International Ltd Chennai 1987-1991 : Res Asso, Cancer Institute, Chennai 1984-1987 : Res Asso, Zoological Survey of India, Chennai
Countries Visited	Iran, Australia, Singapore, Thailand, Indonesia, Malaysia, Sri Lanka
Patent	Two (2), India
Publication	Published 64 research papers in national/international journals
Member (Board of Studies)	University of Madras, Chennai Bharathidasan University, Tiruchirappalli
Award/Honour	College First Rank in B Sc College Second Rank in M Sc

PROFILE OF V SUBRAMANIAN



DIRECTOR **SYNKROMAX BIOTECH PRIVATE LIMITED**

Module No 26 – 31, SIDCO Multi-Storeyed Complex, SIDCO Industrial Estate
Thirumazhisai, Chennai 600 124, TamilNadu, India
E-mail: subbu@smbpl.com, Mobile :+91-900 340 3765

QUALIFICATION

M.Sc., (Microbiology)
MBA (Management)

PROFESSIONAL EXPERIENCE

- 15 years of Production and Projects. (SPIC Pharma, / J.K.Pharma, India / Aurobindo Pharma, China).
- Commissioning of Pilot and manufacturing Plants.
- Exposure to USFDA requirements, Preparation of SOPs.
- Operation of Fermenters, Reactors and Filters.

RESPONSIBILITIES

- Lead a team of Microbiologists, Engineers and Operators (Chinese persons) in Production dept.
- Day to day operation of Plant and Trouble shooting.
- Productivity improvement by better Colony Selection, Process / Plant Modifications.
- Co- ordination with Service departments for Maintenance for New Projects.
- Decrease in Power Consumption by optimization of Process Parameters.
- Optimizing the parameters to mass cultivate Penicillium chrysogenum on different cereals for the industrial inoculum preparation.
- Strain improvement of Penicillium chrysogenum by mutation and Protoplast fusion.
- Involved in the implementation of cGMP, GLP, ISO 9001:2000 and ISO 14001 (EHS) & OHSAS 18001 activities.
- Enzyme reaction (6-APA)-Free and immobilized enzyme-Purification and characterization of enzymes – Immobilization process and matrix development.
- Bioconversion Studies and proficient in Molecular Biology techniques.

Production Experience: SPIC Pharma, Penicillin-G production Unit, Cuddalore. (USFDA PLANT)

- Optimizing the parameters to produce spore production of Penicillium chrysogenum on the rice grain for the industrial inoculums preparation.
- Carrying out sterility tests- Strain mutation and genetic improvement.
- Process optimization in Penicillin- G production in Pilot fermenters (1000L, 500L, 200L, 70L & 50L)
- Involved in the implementation of cGMP, GLP and USFDA activities.

1. **Name** : **Dr. K. VALIVITTAN**
2. **Designation** : Professor and Head
Department of Biotechnology
St. Peter's University
Chennai- 600054
3. **Sex** : Male
4. **Age and Date of Birth** : 69years, 05.04.1948
5. **Nationality** : Indian
6. **Positions held** :



- Demonstrator, RDM College, Sivagangai
- Asst.Professor, RDGA College, Sivagangai
- Lecturer, SGL RDGA College, Sivagangai
- NSS Programme Officer, RDGA College, Sivagangai
- Associate Professor, Presidency College, Chennai
- Professor & Head, Department of Biotechnology. St.Peter's University, Avadi Chennai
- NIH Visiting Scientist University of Massachusetts, Boston U S A

7. **Academic Qualifications** :

- **B.Sc,** (Zoology- Madurai University)
- **M.Sc,**(Zoology- University of Madras)
- **M.Phil,** (Biology- Madurai Kamaraj University)
- **Ph.D** (Biochemistry-University of Madras)
- **PDF** : USA- NIH Visiting Scientist- University of Massachusetts, Boston. USA

8. **Award/ Prizes/ Distinction received:**

- (i) Member – Tamil Nadu - State Expert Appraisal Committee- **Environment Impact Assessment Authority** (From 05-04-2012 to 04-04-2015 and from 12-08-2015 to 11-08-2018)- Appointed by Ministry of Forest, Environment & Climate Changes. Govt. of India.
- (ii) Visiting Scientist (1995-96): **UNIVERSITY OF MASSACHUSETTS**, Boston, USA
- (iii) Biographical profile selected by **Marquis Who's Who (USA)** and Published in 6th volume of **“Who's Who in Science and Engineering”**
- (iv) Biographical profile selected by **Marquis Who's Who** to be published in **“Who's Who in Asia”**

9. Membership / Fellowship in Professional Bodies:

- Member –Board of Studies- Zoology- Post graduate- University of Madras 2001 - 2006
- Madras University –Nominee- Meenakshi College for women (Autonomous), Kodampakkam, Chennai. 2002 - 2006
- Chairman: Board of Studies in Biotechnology St.Peter’s University Chennai- From 2007 till date
- Life Member- Indian Immunological Society
- Member- Indian Academy of Sericulture

10. Other Assignments:

- (i) **Tamil Nadu Professional Courses Entrance Examinations**-Reviewer- Question Bank (Four Times)
- (ii) **Kerala State Professional Courses Entrance Examinations**-Reviewer-Question Bank (Twice)
- (iii). **Tamil Nadu Government Examinations-**
- (iv). Matriculation-X Standard Biology Question paper-Setter
- (v) National Talent Search Examinations- Question paper- Setter.
- (vi). **T N P S C -Group II Examiner**
- (vii) **Teacher Recruitment Board-**
 - i. Postgraduate teacher appointment -Zoology subject expert- member
 - ii. Graduate teacher selection examination - Zoology-question setter
 - iii. Junior lecturer selection examination -Zoology -question setter
 - iv. Postgraduate teacher selection examination-Zoology -question setter

11. Research Experience:

a) Supervisor for Research degree:

Sl. No.	Degree	Awarded	In progress	Under preparation for submission
1.	M.Phil	Seven	One	One
2.	Ph.D.	Three	Six	Two

b) Research Schemes: -

- **On Going project:** UGC - Major Project -.7.17 laks Anti-Oxidant and antidiabetic activities of medicinal plant *Costus speciosus*-plant extract on diabetes induced Swiss Albino Rats -2009-2011
- **Completed-** UG C- Minor project- 1994-1995

c) **Publications:**

1. Nellaiappan K. and **Valivittan K.** 1993, Differentiation of tyrosine hydroxylase and phenoloxidase after electrophoresis. *Biotech. & Histochem.* **68**: 281-283
2. **Valivittan K.** and Nellaiappan K. 1997 Detection of phenol, phenoloxidase and phenoloxidase inhibitor in the silk gland of Silkworm, *Bombyx mori*. *Indian J. Seric.* **36**: 67-69
3. **Valivittan K.** and Nellaiappan K. 1998. Tyrosine hydroxylase isozyme patterns in the developmental stages of the Silkworm, *Bombyx mori*. *Indian J. Seric.* **37**: 176-177
4. **Valivittan K.** 1999. A method for detecting dopaminechrome isomerase activity on gels, *Biotech & Histochem.* **74**: 213-218.
5. Sugumaran M, Nellaiappan K. and **Valivittan K.** 2000. A new mechanism for the control of phenoloxidase Activity, Inhibition and complex formation with Quinone Isomerase, *Arch. Biochem. & Biophysics.* **379**:- 252-260
6. B.Thiyagarajan and **K.Valivittan** 2009. Effects of all-trans retinol in *in vitro* development of preimplantation buffalo embryos *Animal*, **3:3** 385-392
7. B.Thiyagarajan and **K.Valivittan** 2009. Ameliorating effects of vitamin E on *in vitro* development of preimplantation buffalo embryos. *J. Assist .Reprod. Genet.* **26(4)**: 217-225
8. Deepa Philip, PK Kaleena and **K.Valivittan** . 2011 *In vitro* cytotoxicity and anticancer activity of *Sansevieria roxburghiana* *Int.J. Curr. Pharma. Res.* **3.(3)** 71-73
9. S.Deepa, **K.Valivittan**, Indira Vincent and C.S. Tharadevi. 2011 Bioremediation of tannery Effluent by selected Fungal Species *Biosci., Biotech. Res.Asia.* **8(1)**: 143-150
10. S.Deepa, **K.Valivittan**, Indira Vincent and C.S. Tharadevi. 2011.Characterisation of tannery effluent, Thirumudivakkam, Chennai, Tamilnadu. *Basic & Appld. Biol.* **5(1&2)** 259-264.
11. Deepa Philip, PK Kaleena and **K.Valivittan** . 2011 GC-MS Analysis and antibacterial activity of chromatographically separated pure fractions of leaves of *Sansevieria roxburghiana* *Asian J Pharm & Clin.Res.* **4(4)**: 130-133.
12. Deepa Philip, PK Kaleena, **K.Valivittan** and C P Grish Kumar. 2011 Phytochemical Screening and Antimicrobial activity of *Sansevieria roxburghiana* *Middle East J Sci. Res.* **10(4)** 512-518.
13. Deepa Philip, PK Kaleena and **K.Valivittan** . 2012 Antioxidant potential of *Sansevieria roxburghiana*. *Asian J Pharm & Clin.Res.* **5(3)** : 166-169.
14. G.S. Rekha, **K. Valivittan** and P.K. **Kaleena**. 2013. Studies on the Influence of Vermicompost and Vermiwash on the Growth and Productivity of Black Gram (Vignamungo). *Advances. Biological. Res.* **7(4)**: 114-121
15. S. Deepa., **K. Valivittan.**, Indira Vincent., and C.S. Tharadevi 2013. A study on Mycotic diversity of tannery effluent and chromium adsorption *J. Pure and Applied Microbiol.* **7(4)**.1-7.

16. Ramalingam Mani, Boominathan Meena and **Karuppiah Valivittan** 2013. Determination of LC50 of Cadmium chloride in marine catfish, *Arius arius*. *International J. Current Pharmaceut. Res.* **5(4)**: 60-62.
17. Ramalingam Mani, Boominathan Meena and **Karuppiah Valivittan** 2014. Metallothionein Induction on exposure to Cadmium in marine Catfish, *Arius arius*. *International J. Biol. & Pharm. Res.* **5(4)**: 293- 300.
18. Ramalingam Mani, Boominathan Meena and **Karuppiah Valivittan** 2014. Metallothionein expression in marine Catfish, *Arius arius* liver on exposure to cadmium using immunohistochemistry and western blot. *International J. Pharm & Pharmaceut. Sci.* **6 (2)** : 818-821.
19. R Mani, B Meena, **K Valivittan** and A Suresh 2014. Glutathione-s-transferase and catalase activity in different tissues of marine Catfish, *Arius arius* on exposure to cadmium. *Int. J. Pharm & Pharmaceut. Sci.* **6(1)** 326-332.
20. **K.Valivittan** and P Dhasarathan 2014. Analysis of phytochemical and enzymological studies in extract of *Tridox procumbens*. *Global J Mol. Biol & Tech.* **4 (1)**: 5-8.
21. **K.Valivittan** and P Dhasarathan 2014. Screening of Phytochemicals and antimicrobial activity in *Triox procumbens*. *Global J Mol. Biol & Tech.* **4 (1)**: 14-19.
22. Pallvarnananathasamy Dhasarathan, Pugazhenthii ,M, **Valivittan. K** and Sujatha M 2014 Analysis of humoral immune response of animals exposed to bacterial antigens. *Cent. Euro. J Immunology* **39 (2)**: 1-4.
23. Madhuvanathi C, Santhoshkumar K, Antony Ceasar, **Valivittan.K** Srinivasan.K and Tamilselvi. A 2014. Antibacterial, antioxidant and antiproliferative activities of solvent extracts of *Tiliacora acuminata*. *Int .J. Pharm. & Pharmaceut. Sci.* **6 (9)**: 398-403.
24. Hemalatha.J., Kaleena, P.K and **K. Valivittan.** 2014. Screening of antibacterial activity of *C.grandis* against pathogens. *Global J Mol. Biol & Tech.* **4 (3)**: 51-56.
25. K.Iyyanuchamy, **K Valivittan** and P Dhasarathan. 2014. Effect of chosen disinfectants on *in vitro* system of fosh, *Cyprinus carpio*. *Global J Mol. Biol & Tech.* **4 (3)**: 1-4.
26. Hemalatha.J., Kaleena, P.K and **K. Valivittan.** 2015. Impact of plant extract, *Coccinia grandis* on digestive tract microflora. *International J Pharma & Biosci.* **6 (1): (B)** 1184-1189.
27. Deepa Philip, P.K Kaleena, **K.Valivittan** and Florida T. 2015 Induction of apoptosis by caspases I the leaves of *Sansevieria roxburghiana*. *World J Pharmaceutic. Res.***4(2)** 1471-1476.
28. Kavitha J.B and **K.Valivittan.** 2015. Analysis of proximate composition in fish exposed to pyrochemicals and treated with *Mentha arvensis*. *Global J Mol. Biol & Tech.* **5 (1)**: 1-5.
29. Nalini S and **K.Valivittan.** 2015. Antibacterial efficiency of *Averrhoa carambola* against *Staphylococcus aureus*. *Global J Mol. Biol & Tech.* **5 (1)**: 6-8.

Papers presented in conferences:

1. Thangaraja, A., Christy Mathelin, R. , Soundarya Devi, Khushbu Singh, and **Valivittan, K.**, 2013. Immobilization Silver nano core shell synthesized using *Ocimum basilicum* leaves on cotton bandage for testing bactericidal activity. International conference on BioEngineering (ICBE-2013) Jan2-4, 2013.
2. Nandakumar, S., Ganesh Babu, S. Amit, **Valivittan, K.**, and Thangaraja, A.. 2013. Green synthesis of silver core-shell nanoparticles using leaf extract *Ocimum basilicum*. International conference on BioEngineering

d) Books:

1. **Tamil Nadu Text Book Society**- X Standard - Science. Tamil and English Medium-Reviewer
2. **Annamalai University - Directorate of Distance Education**- M.Sc. Zoology – Animal Physiology (Two chapters)
3. **Vasan Publications**. Concise Britannica Encyclopedia- Tamil Translation (Zoology-Section)

12. Visits Abroad:

Sl.No.	Countries visited	Purpose /assignment	Duration	
			From	To
1.	U S A	Visiting Scientist. University of Massachusetts, Boston, USA	December 1994	June 1995

13. Other Technical Qualifications:

1. Qualified in Account test for Executive Officers of Tamilnadu Government- conducted by TNPSC
2. Type writing (English lower)
3. PGDCA
4. Accountancy (Book-keeping-SSLC)

14. Address for Communication:

C 263 T N H B Colony
Tambaram Sanatorium
Chennai-600047
Phone. 044-22387465
Mobile . 9444425025
Email. valivittan.k@gmail.com

Place

Date

Signature of Applicant

DR.KRISHNA RAO ESWAR -PROFILE



12:46 VoD 4G LTE+ 79%

Dr Krishna Rao Eswar Neerugatti

Experience

Postdoctoral Researcher
NMEL
Nov 2018 - Present • 2 yrs 4 mos

Indian Institute of Science (IISc)
6 yrs 1 mo

Research Associate
Aug 2017 - Aug 2018 • 1 yr 1 mo

PhD Research Scholar
Aug 2012 - Jul 2017 • 5 yrs

Project Research Associate
Indian Institute of Technology, Bombay
Dec 2011 - Jul 2012 • 8 mos

Education

Indian Institute of Science (IISc)
Doctor of Philosophy - PhD, Nanoscience and Engineering
2012 - 2017

Anna University
Master of Technology (M.Tech.), Nanoscience and Nanotechnology
2010 - 2012

Prathyusha Institute of Technology and Management - Anna Univeristy Affiliated
Bachelor of Technology (B.Tech.), Bio-Technology



PROFILE

K.CHOLAPANDIAN

No.40,Asatalakshmi Avenue
Third phase main road,
Sennerkuppam,
Chennai – 600 056, India.
Contact No : 9442780967, 8754150379
India.

OBJECTIVE

To achieve high levels of perfection & professionalism in the field of Chemical Engineering and Biotechnology.

EDUCATION

Qualification	Specialization	Institute/University	Year of Passing	Marks Obtained
(Ph.D)	Technology	Anna university	Pursuing	
M.Tech	Industrial Biotech	Annamalai University	2007	8.5 - CGPA (Distinction)
B.E	Chemical Engineering.	Annamalai University	2000	73% (First class)

WORK EXPERIENCE

Teaching Experience:

Name of the College	Year of Experience		
	As Lecturer	As Asst. Professor	Associate Professor
Prathyusha Engineering college	-	-	2year
Prathyusha Institute of technology and Management	1year	9 years	-
Annai Theresa college of Engineering	4.4 years	-	-

SUBJECTS HANDLED

- Principles of Chemical Engineering
- Unit Operations
- Chemical Reaction Engineering
- Downstream Processing
- Chemical Engineering Thermodynamics
- Mass transfer operation
- Environmental Biotechnology
- Energy Engineering
- Transport phenomena

PAPERS PUBLISHED

- “Recycle of Marine sludge wastes in Floor tiles Recipes from Tamilnadu” Global journal for Reserach Analysis-volume 3, April 2014(ISSN NO 2277-8160).Impact factor 1.5408.
- “Production of beer from sorghum with banana as an Adjunt” Global journal Modern Biology and Technology- Vol:1,No:2, pg 34-36, 2011.
- “Production and characterization of value added products from solid Tannery effluent waste” International journal of biotechnology and biochemistry application.2 (4), 50-54.
- “Neutralizing properties of Musa paradisiacal.L against Indian cobra(najanaja) by vitro and vivo method” International journal of Ethnomedicine and pharmacological research,1(3):167-172.
- “Insilico studies on structure-Function relationship of WDR-13”International journal of biotechnology and biochemistry application, vol-2,Issue -3,P-19-26
- “Preparation of divalent antsnake venom serum against Russell’s viper and saw scaled viper in rabbit and characterization of venom” International journal of Ethmedicine and pharmacological research.vol:1, Issue:1,P 1-6,ISSN No: 2347-291x(online)
- “Antibacterial activity of Acalypha indica extracted with various solvents”International journal of Ethnomedicine and pharmacological research.vol:1,Issue:1:ISSN.No: 2347-291x online
- “Growth performance using biofloc Technology(Bft) and immune-modulation of litopeneus vannamei”International journal of Ethnomedicine and pharmacological research- 2013-online(2347-291x)
- “Evaluate a single testosterone injection on anxiety in male” International journal of biotechnology and biochemistry application-2014,vol:2, issue:2 P16-20.
- “Production of composite sheets using keratin hydrolysate from tannery effluent”International journal of biotechnology and biochemistry application.2013-pg 53.

- “Analysis of growth performance indian white shrimp F.indicus and changes in the environment.”International journal of Ethnomedicine and pharmacological research- ISSN NO:2347-291X(online)-2014

CONFERENCE / SEMINAR/ FDP/ WORKSHOP PARTICIPATED:

- Comparative study on production and optimization of biogas by effective solid waste management- Innovation in chemical Engineering for sustainable Development- Organized by department of chemical Engineering, SSN college of Engineering. March 28, 2018.
- Comparative study on production and optimization of biogas from kitchen waste and Banana Peel- National conference-Recent trends in chemical, Energy and Environmental Engineering- organized by Department of chemical Engineering, Sriram Engineering college. March 27,2018.
- Production of Beer from sourghum with banana as an adjunct- International conference on Advances in Electrical &Electronics, Information, communication & Bio-Informatics sponsored by IEEE, IETE & CSIR.- Prathyusha institute of technology and management. 24& 25 January 2012.
- Participated in “98th Indian science congress”- SRM university,Kattankulathur,3-7 January 2011.
- Participated in “Engineering faculty workshop”- Prathyusha institute of technology and management- 26 to 28th Feb 2014.
- Utilization of Marine sludge waste in the development of value added products- National conference on recent trends in physics of materials- Department of physics- Pachaiyappas college-chennai- 28th feb 2015.
- Faculty development programme on “ Modern Biotechniques”- Medox Pvt Ltd- Department of biotech, PEC,18 Jan 2016 to 25 Jan 2016.

Ph.D

Production of Biodiesel using Heterogeneous catalyst

MEMBERSHIP

Life member : Indian society for Technical Education

PERSONAL DATA

Father's Name	:	D.KASINATHAN
Date of Birth	:	25 th Dec 1978
Sex	:	Male
Marital Status	:	Married
Nationality	:	Indian
Religion	:	Hindu

Signature:

DR. M. THENMOZHI M. SC., PH. D.

Contact address:

Rajan Villa,
S4, Second Floor,
James 1st street,
Poonamallee,
Chennai – 600 056
Mobile No. 9842943501
Mail ID: mthenmozhiphd@gmail.com



EXPERIENCE DETAILS

Current Experience

Designation : Assistant Professor (June 2014 – Till Date)
Department : Bio-Technology
Organization : Prathyusha Institute of Technology & Management

Previous Experience

Designation : Research Associate (Feb 2008 - September 2011)
Organization : VIT University, Vellore.

EDUCATIONAL QUALIFICATION

Doctoral Study : Ph. D. (Bio-Sciences and Technology)
(2007- 2013)
Under the guidance of Dr. K. Kannabiran
(Director of Students Welfare)
School of Biosciences and Technology
VIT University, Vellore.

Research Title : “Isolation and characterization of bioactive compound
produced by a marine *Streptomyces* sp. VITSTK7”

Post Graduation : Master of Science in Applied Microbiology
(2005 - 2007) VIT University, Vellore.

Under Graduation : Bachelor of Science in Microbiology
(2002 - 2005) VIT University, Vellore.

PUBLICATIONS / CONFERENCES / WORKSHOPS / SEMINARS

S. No.	Category	National	International
1	Publications (No. of impact factor articles)	-	15 (5)
2	Gen Bank submissions	-	2
3	Oral presentations	1	2
4	Poster presentations	-	3
5	Workshop	3	-
6	FDP – Faculty Development Program	5	-
7	Training program	2	-
8	Life time membership	3	-
9	H – index - 8		

1. Thenmozhi M and Kannabiran K. Interaction of *Streptomyces* sp. VITSTK7 compounds with selected antifungal drug target enzymes by *in Silico* molecular docking studies. Interdisciplinary Sciences computational Life Sciences (2013) 5:145-149. **(Impact factor - 0.672)**
2. Thenmozhi M, Kannabiran K, Kumar R, Gopesh Khanna V. Biosynthesis of silver Nanoparticle by *Streptomyces* Sp. VITSTK7 and its antifungal activity against medically important *Aspergillus* pathogens. Journal of Medical Mycology (2013) 23(2): 97-103. **(Impact factor – 0.400)**
3. Mohankumar Thenmozhi, Jannu Vinay Gopal, Krishnan Kannabiran, Govindasamy Rajakumar, Kanayairam Velayutham, Abdul Abdul Rahuman. Eco-friendly approach using marine actinobacteria and its compounds to control ticks and mosquitoes. Parasitology Research (2013) 112 (2): 719-729. **(Impact factor: 2.327)**
4. Vinay gopal, Thenmozhi M, Kannabiran K. Synthesis of Gold nanoparticles by *Streptomyces* Sp. VITDDK3 and its antidermatophytic activity. Materials letters (2013) 93: 360-362. **(Impact factor: 2.269)**

MEMBERSHIP

1. Lifetime member in Indian society for Technical Education (member no. LM 99677)
2. International Society for Environmental Information Sciences
3. IAENG society for Bioinformatics (224608)

ACHIEVEMENTS AND AWARDS

- Awarded a prize for the “**Hundred percent attendance**” in the classes during 2003 – 2004 at VIT University.
- Received “**Travel grant**” of Rs. 29,410/- from ICMR for oral presentation of my paper in “Asian Congress on Biotechnology” held at Shanghai, China (May 11 – 15, 2011).
- Awarded **Young scientist** from DK International research Foundation on 29th December 2019 at Perambalur.
- Awarded **Best researcher – 2020 from** International Academicians and researchers conclave and Awards - 2020

Dr. A.PRAVEENA M.Sc., Ph.D.,

Mobile: 9962568568

E-Mail: praveena_bioinfo@yahoo.com



Synopsis

- ⇒ Ph.D. in Bioinformatics-Zoology with *2 years experience as R&D executive (Data collection and dossier preparation for new drugs registration)* in Pharmaceutical company, *4 years of experience as Lecturer-Bioinformatics and 6 yrs as Assistant Professor-Biotechnology in reputed Engineering college.*
- ⇒ Research experience in Plant extractions, Phytochemical screening, Enzyme assays, Insects rearing, Antifeedant assays.
- ⇒ Expertise in Bioinformatics databases, tools and software.
- ⇒ Guided more than 25 M.Sc projects and 20 B.Tech projects
- ⇒ 20 Research Publications in international peer-reviewed journals and conferences.

Career Contour

Sep 2004 – Nov 2006

Aravind remedies Pvt. Ltd., Chennai as R&D executive

Data collection about New drugs, Preparation of Dossiers and technical documents for Product registration in other countries.

Oct 2006 – Jun 2007

ZITT (Zanok information technology training), Anna nagar, Chennai as Bioinformatics faculty

Project guide and faculty for Bioinformatics and Computer aided drug designing diploma and P.G diploma courses.

Jun 2007 – Apr 2011

Guru Nanak College, Velachery, Chennai as Lecturer in Department of Bioinformatics

Handled papers for M.Sc Bioinformatics and M.Phil Zoology degree courses as per Madras university syllabus.

Papers handled (M.Sc) : Algorithms for computational biology, Biochemistry, Computer aided drug designing, Introduction to bioinformatics, structural bioinformatics, Tools and their applications in bioinformatics (Practicals), Bioinformatics and Drug discovery, Potential applications and commercial aspects of bioinformatics. Molecular biology, Biotechnology related papers.

Paper handled (M.Phil) : Bioinformatics

June 2014-Till date

Prathyusha Engineering College

Working as Assistant Professor in the department of Biotechnology

Key Deliverables

- ⇒ **Guiding projects** Guided more than 25 M.Sc., and 20 B.Tech projects in various fields such as Phylogenetic tree analysis, Drug designing, Comparative genome analysis, sequence analysis, Molecular modeling and Statistical analysis.
- ⇒ **Expertise in Bioinformatics Databases and Software** – Data retrieval from Biological databases, Modeller, Glide (Schrodinger), Phylip, Argus lab, Accelry's gene ,CLC work bench, Geneious pro and all online bioinformatics tools like BLAST, FASTA, ExPASy and Vista tools.
- ⇒ **Experience in Wet Lab experiments** - Plant extractions, Phytochemical screening, Biomolecules estimations. Enzyme assays, Seed germination and Mitotic index calculations, SDS PAGE, AGAROSE electrophoresis etc.,
- ⇒ **Computer skill** - C, C++, Unix, HTML, CGI, Perl, Windows 98, NT, XP.

Papers published

1. **Praveena. A** and Sanjayan K.P, 2010 “In Silico Comparison of the Ligand Binding Domain of Ecdysone Receptor of Two Lepidopterous Insect Pests, *Helicoverpa Armigera* and *Spodoptera Litura*”, International Journal of Genetic Engineering and Biotechnology, Volume 1, Number 1, pp. 89-99.
2. **Praveena. A**, Anuradha. V, Habeeb. S.K.M and Aruna. P, 2011, “Docking Studies on Plant Proteinase Inhibitors in Control of Cotton Bollworm, *Helicoverpa armigera*”, Advances in Computational Sciences and Technology, Volume 4, Number 1, pp. 61–71.
3. Habeeb. S. K. M, Anuradha. V and **Praveena. A**, 2011, ”Comparative Molecular Modeling of Insect Glutathione S-Transferases”, International Journal of Computer Applications, 14(5),16–22. (0.835)
4. Anuradha. V, Habeeb S.K.M, **Praveena. A** and AmalaPriya, 2011, “A New GC Based HMM Algorithm for Disease Classification”. International Journal of Computer Applications, 16(5), 19–22. (0.835)
5. **Praveena. A**, Sindhuja. R, Anuradha. V, Habeeb S.K.M, 2011, “Putative Drug target identification for *Chlamydia trachomatis*: An insilico proteome analysis”, International journal of Biomedical research, Volume 2[2], pp. 151-160.
6. Habeeb S.K.M, Sirish kumar, Sanjayan K.P, Anuradha. V and **Praveena. A**, 2011, ” Comparative evolutionary analysis of insects using mitochondrial genes”, International Journal of Current research, 3(11),66-73. (Impact factor-1)
7. **Praveena A**, Ramkumar G and Sanjayan K.P, 2012 “Phytochemical screening of the extract of the root-bark of *Morinda tinctoria* (Rubiaceae) for secondary metabolites”, Research Journal of Pharmacy and Technology, Volume 5, Issue 1, pp. 83-88.
8. Anuradha V, **Praveena A** and Sanjayan K.P, 2013 “Nutritive analysis of fresh and dry fruits of *Morinda tinctoria*”, International journal of current Microbiology and Applied Sciences, Volume 2, Issue 3, pp. 65-74.
9. Yuvarani T, Anuradha V and **Praveena A**, 2013 “Analysis of Antioxidants, Minerals and Vitamins composition between male and female Indian Mackerel – *Rastrelliger kanagurta*”, International Journal of Food, Agriculture and Veterinary Sciences, Volume 3, Issue 1, pp. 76-81.
10. Anuradha. V and **Praveena. A**, 2013 “Comparative study of Biochemical constituents between male and female Indian Mackerel – *Rastrelliger kanagurta*”, Cibtech Journal of Zoology, Volume 2, Issue 1, pp. 1-6.
11. Anuradha. V, **Praveena. A** , Habeeb S.K.M and Madan, Identification of Drug Targets through Mutational Analysis of Drug Resistance Genes in *Candida albicans*, Research J. Pharm. and Tech. 6(3): 267-277, March 2013. ISSN 0974-360X. ICV: 5.01

12. **Praveena A**, Sanjanan K.P, 2016, A bioinformatics approach reveals the insecticidal property of *Morinda tinctoria* Roxb. against the cotton bollworm *Helicoverpa armigra*, Research Journal of Pharmacy and Technology, volume 9, issue 11, pp. 1829-1834.
13. Manibala J, **Praveena A**, 2017, A comparative study on the effect of pheromone baited traps and *Acalypha indica* extracts on *Leucinodes orbonalis*, International journal of bioinformatics and biological sciences, volume 5, pp. 117-126.
14. **Praveena A**, Sanjanan K.P, 2018, Pharmacognostic studies on root-bark and fruit of *Morinda tinctoria*, Research Journal of Pharmacognosy and phytochemistry, volume 10, issue 03, pp. 211-215.
15. P. Sangeetha Lakshmi and A. Praveena S. Kiruthika. Screening of Novel Lead Compound from *Carissa Carandas* against Breast Cancer using In-Vitro and In-Silico Methods. International Journal of Pharmacy and Biological Sciences, 9(2),1046-1052.
16. A Praveena. *Morinda tinctoria* roxb as a potential source of biopesticide against the cotton bollworm *helicoverpa armigera* Hubner, Research journal of Biotechnology, 2019.
17. A Praveena, S Arthi, B Sudarmathi, In vitro and in silico Analysis to Identify Novel Lead Compound from *Morinda tinctoria* fruit Against Breast Cancer,2019, Indian Journal of Pharmaceutical Sciences, 81(5), 970-975.

Conference publications

1. **Praveena. A** and Sanjayan K.P, 2010, “Insilico Evidence for the induction of Glutathione -S transferase by Phytochemicals, CURCUMIN AND AMERICANIN A”, Phytocongress 2010 (Internatinal conference on herbs and herbo minerals formulations), SASTRA University, Thanjavur, India.
2. **Praveena. A** & Sanjayan K.P, 2011, “Inhibition of Acetylcholinesterase in three insects of economic importance by Linalool, A Monoterpene phytochemical”, International symposium on Insect Pest Management, St. Xavier’s college, Palayamkottai, India.
3. Anuradha. V, Swetha. S, Syed Ali. M, Yogananth N and **Praveena. A**, 2014, “Insilico analysis on Drug Potentiality of Catechin using different extracts”, Proceedings of International Conference on Bioprospecting of natural Resources For Human Health. ISBN - 978-93-80394-44-2.
4. **Praveena. A** & Anuradha V, 2016, “Molecular Evolutionary Analysis On Insect Acetylcholinesterase”, National Conference on Emerging Trends in Management of Infectious Diseases and Public Health, 978-81-931973-6-3. 102-107.
5. **Praveena. A**, Anuradha. V, 2016, “Effect Of Monocrotophos And Azadiractin On Germination Of *Pisum Sativum* And *Zea Mays*”, National Conference on Emerging Trends in Management of Infectious Diseases and Public Health, 978-81-931973-6-3. 201-206.
6. Bavya N.I, Pushpahasini K, **Praveena A**, Suriyadaisy A and Mahalakshmi R, 2018, “Plant growth stimulating activity of keratinase producing bacteria derived from poultry waste”, AEEIC-18, 978-1-5386-4606-9. 358-361.
7. Dharanya G, Sindhudevi C, **Praveena A**, 2018, “In-silico evidence for the insecticidal activity of compounds derived from *Musa sapientum* peels against *Helicoverpa armigera*”, AEEICB-18, 978-1-5386-4606-9, 311-314.

Academic Project

Ph.D Project Title : *Morinda tinctoria* Roxb. As a potential source of biopesticide against the cotton bollworm *Helicoverpa armigera* (Hubner).

Project Guide : Dr. Sanjayan, Department of Advanced Zoology and Biotechnology, Guru Nanak College, Chennai.

M.Sc Project Title : Anti Cancer Drug Modeling from the plant “*Curcuma longa*”.

Project Guide : Prof. P.T.Kalaichelvan, CAS in Botany, University of Madras.

Scholastics

2012 **Ph.D in Bioinformatics-Zoology** - University of Madras.
2004 **M.Sc., Bioinformatics (First Class : 75%)** - Auxilium college (University of Madras), Vellore.
2002 **B.Sc., Biochemistry (First Class : 62.59%)** - Bharathi Women's College (Autonomous), Chennai.

Personal Details

Date of Birth : 17th May, 1982.
Husband's Name : G.Ramkumar M.Sc.,
Permanent Address : Flat No 310, 3rd floor, pride supreme city, Thiruvallur-602001
Linguistic Abilities : Tamil, English & Hindi.
Nationality : Indian

Resume

D. Joyce Hellen Sathya

E-Mail : joycehellensathya@gmail.com

Mobile no: +91-9791196874



ACADEMIC QUALIFICATION:

Degree	Specialization	University/ Institution	University/Board	Year of Passing	%/CGPA
M.Tech	Industrial Biotechnology	SASTRA UNIVERSITY, Thanjavur	SASTRA UNIVERSITY, Thanjavur	May 2014	8.714 CGPA First class with distinction
B.Tech	Biotechnology	Madha Engineering College, Chennai	Anna University, Chennai	Apr 2010	85% First class with distinction
XIIth	HSC	St. Joseph of Cluny Neyveli	Matriculation	May 2006	79.75% First class
Xth	SSLC	St. Joseph of Cluny Neyveli	Matriculation	May 2004	78.2% First class

PROFESSIONAL EXPERIENCE:

Name of the College	Designation	Duration	Experience in years
Madha Engineering College Chennai	Assistant Professor	19.06.2015 to 19.06.017	2.0
Prathyusha Engineering College, Thiruvallur	Assistant Professor	20.06.2017 to Till date	3.9

INDUSTRY EXPERIENCE:

Name of the Organization	Designation	Duration	Experience in years
Biotech Consortium India Ltd, Govt of India, New Delhi	BCIL Trainee	01.12.2010 to 31.05.2011	0.6

Areas of Specialization

- Downstream Processing
- Bioprocess Engineering

List of Programs participated:

S. No.	Conference/Seminar /Workshop/FDP	National	International	Oral Presentation/Participation
1	Conference	7	7	Participated , Presented papers and posters
2	Workshop	1	2	Participation
3	FDP	6	-	Participation
4	STTP	1	-	Participation
5	Seminar	1	-	Participation
6	Webinars	22	-	Participation

No. of Publications:

National Journal	International Journal	Total No.
2	3	5

Awards:

1. Participated in National level Conference at AVIT, Chennai on August 2019 won first place in oral presentation ‘Extraction of Natural Dyes from African tulip (*Spathodea campanulata*) for dyeing fabrics’.
2. Best paper award rewarded to ‘Utilization of *Delonix regia* pods for the production of Bioethanol’ in International Conference held at Crescent University, Chennai on Oct-2019.
3. Produced 100% results in Academic courses

Co-cirricular activites:

- EDC co-ordinator
- Social media and website co-ordinator
- NPTEL co-ordinator
- World skill competition co-ordinator
- Involved in NBA accreditation activities
- Organized webinar

No. of major Projects guided: 13**No. of Mini Projects guided: 7****Personal Details:**

D.O.B : 31.03.1989
Father’s Name : S. Devasahayam
Marital status : Single, Unmarried
Permanent address : No: 21, Murugesan Salai
N.L.C officer nagar,
Vadalure P.O – 607303
Cuddalore D.T

List of Publications:

1. **Joyce Hellen Sathya D**, Gayethri S, Reena S, Nihar Sultana J, Swetha S, Ranjitsingh A J A, "Bioethanol Production from the Pods of Delonix Regia" *International Journal of Innovative Technology and Exploring Engineering*, 9,no.5 (2020),pp2278-3075.
2. **Sathya, Joyce Hellen**, N. Franklin, N. Balaji, S. Selvaraj, and M. Seenuvasan. "Utilizing Borassus flabellifer sprout peel sugars by Pseudomonas fluorescence for degradation of textile effluent." *Journal of Environmental Biology* 40, no. 4 (2019): 736-741.
3. **Hellen Sathya, D.J.**, Turakhia, A.M., Kumar, M.A., Balaji, N., Selvanaveen, S., Vinodhini, G. and Seenuvasan, M., 2017. Bioethanol from saccharified lignocellulosic rich Aloe vera rinds using Saccharomyces cerevisiae MTCC 4779. *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, 39(13), pp.1347-1352.
4. Seenuvasan, M., Sanjayini, S.J., Kumar, M.A., Vinodhini, G., **Hellen Sathya, J.** and Kumar, V.V., 2017. Cellulase-mediated saccharification of lignocellulosic-rich pseudostem of Musa cavendish for bio-ethanol production by Saccharomyces cerevisiae MTCC 4779. *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, 39(6), pp.570-575.
5. Suresh, D., Sridhar, P., **Sathya, D.**, Kumar, M.A., Seenuvasan, M. and Dhandapani, R., 2013. A complete study on biodegradation of Reactive Red C2G29 using newly isolated *Acinetobacter sp.* *Research Journal of Engineering and Technology*, 4(4), pp.246-250.

Declaration

I hereby declare that the information given above is true to my knowledge and belief.

D. Joyce Hellen Sathya

Place: Chennai

Signature



PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT ACADEMIC ADVISORY COUNCIL MEMBERS

ACADEMIC YEAR : 2017-18

S.No	Name of the Member	Role	Designation and Organisation
1	Ms.S.Vallabhy	Chairman	Asst .Professor and Head Department of Civil Engineering, Prathyusha Engineering College.
2	Dr. P.T.Ravichandran	Academic Mentor	Professor/ SRM University , Kattankulathur
3	Dr.M.Thanikachalam	Academic Mentor	Professor & Head / SA Engineering college
4	Mr.A.Karthikeyan	Industry Mentor	Structural and GeoTechnical Consultant Karthikeyan Associates
5	Mr.L.Sureshkumar	Industry Mentor	A.E, CPWD,Chennai
6	Ms.K.Kiruthika	Alumni Representative	BIM Modelling
7	Mr.S. Praveenraj	Alumni Representative	Foresight, Structural Design Engineer.
8	Dr.S.Seetharaman	Professor	Prathyusha Engineering College
9	Ms.M.Monitha	Assistant Prof I	Prathyusha Engineering College

RESUME

Mrs. S.VALLABHY

Cell: 9894964939

E-mail: vallisujith@gmail.com

Qualification	Year of Passing	University/ Board	Area of Specialisation	Avg. Marks (%)	Class	Institution Studied
M.Tech	2014	SRM University	Structurural Engg	8.5 CGPA	First class with Dist	SRM University, Katankulathur, Chennai.
B.E.	2004	M.K. University	Civil	7.825	First class with Dist	R.V.S.College of Engineering and Technology, Dindugal.

ADDITIONAL QUALIFICATION

- STAAD Pro 2005
- Auto CADD

PROFESSIONAL EXPERIENCE: 12.2 YEARS

Sl. No.	Designation	Name and address of the Institution	From	To	Total No. of Years
1.	Assistant professor	Prathyusha Engineering College Thiruvallore.	05.06.2014	Till date	6 year & 8 months
2.	Assistant professor	R.M.K. Engineering College, Gummudipondi.	14.07.2011	30.04.2012	9 Months
3.	Lecturer	R.M.K. Engineering College, Gummudipondi.	08.09.2007	13.10.2009	2 years & 1 months
4.	Lecturer	Sriram Engineering College, Veppampattu.	19.01.2005	07.09.2007	2 years & 8months

PROFESSIONAL BODIES MEMBERSHIP

S.NO.	Name of the Professionals/Learned bodies/Societies
1.	Indian Society for Technical Education (ISTE)

PARTICIPATION IN NATIONAL CONFERENCES

Sl. No.	Title of the Conference / Workshop	Organizer	Month and Year
1.	Experimental and Numerical study on	Valliammai Engineering	23rd April 2015

	the behavior of beam made using Sustainable concrete	college	
2.	Reliability analysis of properties of sustainable concrete	Valliammai Engineering college	23rd April 2015

PARTICIPATION IN SEMINARS / WORKSHOPS

Sl. No.	Title of the Conference / Workshop	Organizer	Month and Year
1.	Short Term Training Programme on Emerging potential of Steel composites as powerful alternative in construction industry	SRM Institute of science and Technology	Feb 2005
2.	Application of GPS, GIS and RS to environmental management	RMK Engineering College	June 2008
3.	Remote Sensing and Geographical Information System	Prathyusha Engineering College,	Dec 2014

SUBJECTS HANDLED

P.G Subjects

- Advanced Concrete Technology
- Earthquake Resistant design of Structures

U.G Subjects

- Structural Analysis – Classical Methods
- Structural Analysis – Modern Methods
- Design of Steel Structures
- Basics of Structural Dynamics and Aseismic design of Structures
- Mechanics of Solids
- Mechanics of Fluids
- Mechanics of Soils
- Foundation Engineering
- Construction Materials
- Engineering Graphics
- Engineering Mechanics

RESPONSIBILITIES HELD

- Department ISO Co-ordinator
- Class Advisor

PROJECTS GUIDED

P.G. PROJECTS

- Reliability analysis of properties of sustainable concrete
- Experimental and Numerical study on the behavior of beam made using Sustainable concrete
- Behaviour of sandwich light weight reinforced concrete beam under cyclic loading
- Analysis of a microwave tower mounted with a vertical axis small wind turbine

U.G. PROJECTS

- Analysis Design and of metro bridge
- Analysis Design and of shopping complex
- Experimental Investigation of low cost concrete using Paper Industry waste
- Experimental Investigation On Hybrid Fiber Reinforced Concrete

PERSONAL DETAILS:

Spouse's name : K. Hamath Kumar
Father's name : E. Suthaagaran
Mother's name : S. Birundha
Date of birth : 08.05.1983
Nationality : Indian
Marital Status : Married
Languages known : Tamil, English
Temporary Address : 9/5 Dr. Ambedkar Street, Arumbakkam, Chennai 106.
Permanent Address : 120/11 Esappa Gounder Street, Kamaya goundan Patti,
Theni- District.

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place : Chennai

Date :15-04-2021

(S.VALLABHY)



Basic Details:

Name : Dr. P. T. RAVICHANDRAN

Designation : Professor

Phone Number : 044 27452270 Ext. : 1455

E mail : ravichap@srmist.edu.in

Area : Civil Engineering – Geotechnical Engineering

Affiliation : Department of Civil Engineering, Kattankulathur Campus, SRM Institute of Science and Technology

Education:

Degree	Area	University	Awarded Year
Ph.D	Geotechnical Engineering	CEG, Anna University	2009.
M.E.	Soil Mechanics and Foundation Engineering	CEG, Anna University	1994
B.E.	Civil Engineering	Madurai Kamaraj University	1991

Other Details:

Course : Geotechnical Engineering - Ground Improvement - Expansive Soil - Geosynthetics and Applications (Theory and Practice) – Soil Investigation and Subsurface Exploration- Pavement Engineering – Environmental Geotechnology – Solid Waste Management - Building Materials, Concrete Technology, Construction Engineering

Research Interests : Ground Improvement - Geotechnical Engineering – Bio-geo Technology - Building Materials – Pavement Engineering - Concrete Technology – Sustainable Materials – Green Building Materials - Light Weight Concrete - Waste Management Techniques – Geopolymer Concrete

Selected Publications:

Total No. of Journal Publications : 114

- with Arun B, Divya Krishnan K, Effect of pyrophyllite on behavioural strength of clayey soil, IOP Conf. Series: Materials Science and Engineering, 912, 062063, September, 2020, pp.1–11, doi:10.1088/1757-899X/912/6/062063.

- with Divya Krishnan K, Investigation on Industrial Waste Material for Stabilizing the Expansive Soil, IOP Conf. Series: Materials Science and Engineering, 912, 062062, September, 2020, pp.1-8, doi:10.1088/1757-899X/912/6/062062.
- with Kaavya D, Divya Krishnan K, Study of piled and disconnected piled raft system with raft foundation in cohesionless soil, IOP Conf. Series: Materials Science and Engineering, 912, 062061, September, 2020, pp.1-13, doi:10.1088/1757-899X/912/6/062061.
- with A Manimaran, L Sathish, Study on Ultimate Strength and Buckling Modes of Cold Formed Steel Structures, IOP Conf. Series: Materials Science and Engineering, 912, 062060, September, 2020, pp.1-11, doi:10.1088/1757-899X/912/6/062060
- with Anmol Basnett , Prerna Sharma , L Krishnaraj, Characterization of zeolite influence to improve the performance of concrete, IOP Conf. Series: Materials Science and Engineering, 912, 062054, September, 2020, pp.1–14, doi:10.1088/1757-899X/912/6/062054.
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- with Lavanya V, Effect of Nano Fluid Admixtures on Index Properties of Expansive Soil, *Journal of Advanced Research in Dynamical and Control Systems*, Vol.10, 07-Special Issue, 2018, pp.1164-1172.
- with Ranjith M, Experimental Study on Soil Stabilization using Millet Husk Ash, *Journal of Advanced Research in Dynamical and Control Systems*, Vol.10, 04-Special Issue, 2018, pp.1210-1217.
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- with Manisha Gunturi, R.Annadurai, Divya Krishnan.K, “Effect of RBI-81 on CBR and Swell Behaviour of Expansive Soil”, International Journal of Engineering Research, Vol.3, Issue 5, pp. 336-339, 2014.
- with K.Ilamparuthi, “Uplift Behaviour of Strip Anchor in Sand and Reinforced sand Beds”,Indian Geotechnical Journal, Vol.38, No.2, pp. 156-170, 2008.
- with K.Ilamparuthi, Md.Toufeeq.M, “Study on Uplift Behaviour of Plate Anchor in Geogrid Reinforced Sand Bed”, Electronic Journal of Geotechnical Engineering, Vol13, Bundle A, pp.1-9, 2008.
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- with K.Ilamparuthi, Md.Toufeeq.M “Study on Uplift Behaviour of Plate Anchor in Geogrid Reinforced Sand Bed”, Proceedings of ASCE –Geotechnical Earthquake Engineering and Soil Dynamics – IV (GEESD – IV), Sacramento, California, USA, 2008.

Books Published :

- With K.V.B. Raju, Text Book on Basics of Civil Engineering, Ayyappaa Publications, Chennai-73.
- With K.V.B.Raju, Text Book on Mechanics of soils - Ayyappaa Publications, Chennai-73.
- With K.V.B. Raju and R. Annadurai, Construction Materials, Ayyappa Publications, Chennai -73, Oct 2012.

Patents Published

- Prefabricated Unipaver concrete block embedded with coconut shell particles (The Patent Office Journal No.03/2020 Dated 17/01/2020, Page 3086).
- Prefabricated fencing post embedded with coconut shell particles (The Patent Office Journal No.17/2020 Dated 14/02/2020, Page 8594).

Products Developed :

- Coconut shell lightweight concrete – Paver Blocks
- Coconut shell lightweight concrete – Fencing Posts

Research Work Guidance (Ph.D) :

Ms. V. Janani – Characterisation study on stabilised soil

Ms. D. Jaishree – Numerical Study of the Bay of Bengal Circulation Features and its Variations

Mr. K. Jayasankar – Experimental study on self-curing techniques in cementitious materials

Ms. Ranjitha B Tanadagi – Lightweight self-compacting concrete

Ms. S. Preethi - Nanomaterials in Polymer Modified Bitumen with and without Inclusion of RAP

Academic Experience:

Professor, Department of Civil Engineering, SRM University, from 2009 onwards

Assistant Professor, Department of Civil Engineering, SRM University, 2005 – 2009.

Senior Lecturer, Department of Civil Engineering, SRM University, 2000 – 2005.

Lecturer, Department of Civil Engineering, SRM University, 1995 – 2000.

Lecturer, Department of Civil Engineering, CCMR Polytechnic, 1991 – 1992.

Other / Professional Experience :

Deputy Controller of Examinations, SRM University, August 2008 – July 2012

Co-Ordinator Part-Time Programme UG and PG, Since 2009

Geotechnical Engineer, F. S. Engineers (P) Ltd., Chennai – 32, 1994 -1995

Consultancy Works :

- Subsurface investigation and design for the proposed construction of cut and cover storm water, Perungalathur town panchayat, March 2020, Cost Rs. 47,200/-
- Tensile test on Geo tough strap samples, Proposed construction of proving ground facility and supporting infrastructure (Test Track Works) at SIPCOT, Cheyyar, M/s Intercontinental Consultants and Technocrats Pvt. Ltd., New Delhi - 110 016, March 2020, Cost. Rs. 14,200
- PVD sample Tests - Proposed New line BG line connecting Nagapattinam and Thiruthuraipundi (via) Thirukkuvalai, The Executive Engineer, Gauge Conversion –II, Thiruchirapalli, February 2020, Cost Rs. 59,000/-
- Soil Investigation and Design of water tank – 7 Nos, Maramimalai Nagar Municipality, July – August 2019, Cost – Rs. 3,90,000/-
- Subsurface investigation and Design of Office Building, Walajabad Town Panchayat, November 2018, Cost Rs.59,000/-
- Subsurface Investigation and Storm water design – Chitlapakkam and Mangadu Town Panchayat, September 2018, Cost Rs. 2,00,000/-
- Subsurface Investigation and Culvert design – Mangadu, Perugalathur and Thiruneermalai Town Panchayat, September 2018, Cost Rs.2,06,500/-
- Compound wall design, Kundrathur and Perugalathur Town Panchayat, July - August 2018, Rs.88,000/-
- Soil Test and Pavement Design for Vigilance Nagar, Kadambur Village and Kalivanathapathu Village, April 2018, Cost. Rs.35,000/-

Achievements and Awards

- Chairman, Institution of Engineers (I), Kattankulathur Local Centre (2020 -2022)
- Executive committee member - Indian Geotechnical Society - Chennai Chapter
- MEN'S Engineering Award 2015 under the aegis of IET CLN – The Institution of Engineering and Technology
- Executive Committee Member – Institute of Engineering and Technology CLN (2015 – 2018)
- Convenor – Souvenir Committee – 98th Indian Science Congress - 2011
- Advisory Board Member, Innovation and Entrepreneurship Development Centre (Funded by DST), Adhiparasakthi Engineering College, Melmaruvathur, From 2010 onwards.

Best Paper Award

- Best Paper Award Received for the paper titled “Strength Characteristics of Wood Ash Stabilised Soils”, at International Conference on Sustainable Environment and Energy, Hindustan University, April 2017.
- Best Paper Award Received for the paper titled “Efficiency of Nano Material used as a Soil Stabiliser”, at International Conference on Smart Technologies and Green Environment, Velammal Engineering College, March 2017.
- Best Paper Award Received for the paper titled “Fine Crumb Rubber as Stabiliser on Behaviour of Soil”, at Regional Conference on Science and Technology for National Development, ISCA & SRM University, Kattankulathur, Chennai, December 2016.
- Received for the paper titled “ Investigation of Effectiveness of the Top Down Nanotechnology in Mechanical Activation of High Calcium Flyash in Mortar ”, at National Conference on Innovations and Sustainability in Civil Engineering and Technology, Villupuram, March 2016.
- Received for the paper titled “Effectiveness of Alkali Activator on Nanostructured Flyash in Geopolymer Mortar”, at National Conference on Innovations and Sustainability in Civil Engineering and Technology, Villupuram, March 2016.
- Received for the paper titled “Study on the Behaviour of Soil with Phosphogypsum as Stabiliser”, at National Conference on Innovations and Sustainability in Civil Engineering and Technology, Villupuram, March 2016.
- Received for the paper titled “Effect of Phosphogypsum and flyash stabilization on the strength and micro structure of clay”, at International Conference on Sustainable Technologies in Building & Environment, Chennai, July 2015.
- Received for the paper titled “Study on the use of Bagasse Ash Paver Blocks in Low Volume Traffic Road Pavement”, at International Conference on Sustainable Technologies in Building & Environment, Chennai, July 2015.
- Received for the paper titled “Effect of Phosphogypsum and flyash stabilization on the strength and micro structure of clay”, at International Conference on Sustainable Technologies in Building & Environment, Chennai, July 2015.

Programmes Conducted with Coordination

- Convener – A Five Days Online Faculty Development Programme on Recent Trends and Innovations in Construction Technologies (RTICT), SRM IST, Kattankulathur, 10th August to 14th August 2020.

- Convener - A Five Days Online Faculty Development Programme on Recent Development & Applications in Geotechnical Engineering (RD & AGE)", SRM IST, Kattankulathur, 20th July to 24th July 2020.
- Convener - A Five Days Online Faculty Development Programme on "Innovation in Civil Engineering and Concrete Technology (ICECT)", SRM IST, Kattankulathur, 13th July to 17th July 2020.
- Coordinator – One day workshop – Practical based Training on Geo-Reinforcement and Concrete Materials, 29 February 2020, SRM IST, Kattankulathur.
- Coordinator – One day workshop – Awareness and Training on Construction Chemicals for Field Practice, 22 February 2020, SRM IST, Kattankulathur.
- Coordinator – One day workshop – Training on Testing of Geo and Special Lightweight Concrete, 15 February 2020, SRM IST, Kattankulathur.
- Coordinator – One day workshop – Experimental Training on Soil Reinforcement and Concrete Made with Coconut Shell, 08 February 2020, SRM IST, Kattankulathur.
- Coordinator – One day workshop – Geosynthetics and Coconut Shell Concrete, 01 February 2020, SRM IST, Kattankulathur.
- Coordinator - Faculty Development Program on "Practical Training on Geosynthetics and Special Concrete", Department of Civil Engineering, SRM IST, Kattankulathur, 18th–22nd November, 2019.
- Coordinator - Faculty Development Program on "Experimental Studies on Concrete and Soil Characteristic", Department of Civil Engineering, SRM IST, Kattankulathur, 13th–17th, May 2019.
- Coordinator - Faculty Development Program on "Practical Training on Geosynthetics and Building Materials", Department of Civil Engineering, SRM IST, Kattankulathur, 19th–23rd, November 2018.
- Coordinator – One day workshop – Testing on Geotextile and Sustainable Concrete Materials, 08 September 2018, SRM IST, Kattankulathur.
- Coordinator – One day workshop – Realistic Testing on Geosynthetics and Special Concrete Material, 24 February 2018, SRM IST, Kattankulathur.
- Coordinator – One day workshop – Learning Practical Materials Testing on Geosynthetic and Lightweight Aggregate, 17 February 2018, SRM IST, Kattankulathur.
- Coordinator – One day workshop – Georeinforcement and Coconut Shell Material – Experimental Training, 10 February 2018, SRM IST, Kattankulathur.
- Coordinator – One day workshop – Materials Testing and Training on Geosynthetics and Lightweight Concrete, 27 January 2018, SRM IST, Kattankulathur.
- Coordinator – One day workshop – Geotextile and Special Concrete Materials Testing, 06 January 2018, SRM IST, Kattankulathur.
- Coordinator – One day workshop – Laboratory Studies on Geo Material and Special Concrete, 21 October 2017, SRM IST, Kattankulathur.
- Coordinator – One day workshop – Testing on Georeinforceemnt Material and Coconut shell Concrete, 14 October 2017, SRM IST, Kattankulathur.
- Coordinator – One day workshop – Practical Training in Geotextile and Lightweight Concrete, 07 October 2017, SRM IST, Kattankulathur.

- Coordinator – One day workshop – Geosynthetics and Special Concretes, 23 September 2017, SRM IST, Kattankulathur.
- Coordinator – One day workshop – Geosynthetics and its properties, 09 September 2017, SRM IST, Kattankulathur.
- Organizing Secretary - The International Groundwater Conference (IGWC-2015), Feb 11-13, 2016, SRM University, Chennai.
- Coordinator – One day Workshop on Ground Improvement for Infrastructure Projects, 26th November 2013.
- Coordinator and Editor - National Conference on Recent Developments in Civil Engineering (RDCE-2012), 21-22, March 2012.
- Coordinator – Refresher Training on Material Testing – for Consolidated Construction Consortium Limited –(CCCL – Chennai), 20-30, December 2011.
- Coordinator – Refresher Training on Material Testing – for Consolidated Construction Consortium Limited –(CCCL – Chennai), 18-29, January 2011.
- Coordinator – One day workshop on Geosynthetics and Reinforced Soil Structures (GRSS-2010), 19th November 19, 2010
- Coordinator – Refresher Training on Material Testing – for Consolidated Construction Consortium Limited –(CCCL – Chennai), 29 June 2009 to 07 July 2009.
- Coordinator - National Conference on “Theoretical and Experimental Advances in Civil Engineering–(TEACE – 2007), Feb. 08 & 09, 2007
- Coordinator - Seminar on Good Construction Practices and Usage of Construction Chemicals, Sep.10, 2004
- Coordinator - One day Workshop on Cost Effective Techniques in Foundations for Problematic Soils, 24th January 2004
- Coordinator - Intensive course on Essential and Managerial Aspects of a Building Project, 30.05.02 to 05.06.2002

Membership in Professional Societies:

- Fellow in Institution of Engineers (I), (FIE) , 2014
- Chartered Engineer (IEI), 1999
- Fellow in Indian Geotechnical Society (FIGS), 2015
- Life Member in Indian Road Congress (MIRC), 2014
- Life Member in Indian Concrete Institute (ICI), 2012

- Life Member in Indian Society for Technical Education, (ISTE), 1999
- Life Member in Indian Society for Earthquake Technology (ISET), 1997

1. **Name** :Dr. M. THANIKACHALAM
2. **Date of Birth** : 30.04.1961
3. **Designation** : Professor and Head
4. **Religion** : Hindu
5. **Address for correspondence** :

No: 2/1, (Ground Floor), D.G. Nagar , 1st Street Surapet, Chennai -600 066

Email: thanikachalamjanani@gmail.com Mobile: 9443424062



6. Educational Qualification

Degree	Institution conferring the degree	Field(s)	Class	Year
Ph.D.	Institute for Ocean Management, Department of Civil Engineering Anna University, Chennai.	Remote Sensing and GIS for Coastal Zone Management and Coastal Process	Highly Commendable	May 2001
M.Tech	Centre For Remote Sensing, Bharathidasan University, Tiruchirapalli	Remote Sensing	First 72%	April 1994
M.Sc.	National College, Bharathidasan University, Tiruchirapalli	Applied Geology	First 68%	April 1990
B.Sc.	National College, Bharathidasan University, Tiruchirapalli	Geology	Second 59 %	April 1987

7. Research /Teaching Experience : 24 Years 10 Months

a) Research and Teaching:

Period		Post held	Name of the Institution/ College/University	Nature of Duties
From	To			
04.05.2016	Till	PROFESSOR and HEAD	S.A. Engineering College, Department of Civil Engineering, Veeraraghavapuram, Thiruverkadu,	TEACHING <ul style="list-style-type: none"> • Engineering Geology • Urban planning and development • Geographic Information System • Survey Theory– II R&D ACTIVITIES.

			Chennai-600 077.	<ul style="list-style-type: none"> • Ph.D. Guidance • DST-HSRS ongoing research project Principal Investigator • Organizing FDP/SDP/Workshop and Training Programs (Sort term training and summer courses etc.,).
25.09. 2013	02.05.2016	PROFESSOR	Prathyusha Institute of Technology and Management, Department of Civil Engineering, Aranvoyal Kuppam, Poonamallee to Thiruvallur Road, Chennai – 602 025.	TEACHING <ul style="list-style-type: none"> • Engineering Geology • Survey Theory– I • Survey Theory– II • Survey Camp • Remote Sensing and GIS R&D ACTIVITIES. <ul style="list-style-type: none"> • Ph.D Guidance • Conducting Research
				<ul style="list-style-type: none"> • Project proposal writing/coordinate sponsored projects. • Conducting FDP/SDP/Workshop and Training coerces.
11.07. 2008	22.08.2013	PROFESSOR	Velammal Engineering College, Department of Civil Engineering, Chennai – 600 066.	TEACHING <ul style="list-style-type: none"> • Applied Geology • Survey Practical – II • Survey Theory– II • Survey Camp • Remote Sensing and GIS • Cartography R&D ACTIVITIES. <ul style="list-style-type: none"> • Ph.D Guidance • Conduct Research • Project proposal writing • Conducting FDP/SDP/Workshop and

				<p>Training coerces</p> <ul style="list-style-type: none"> • DC Member • Research paper publication in Journals • Guest Lecturer • R & D Coordinator • NEN Coordinator
13.06.2005	10.07.2008	ASSISTANT PROFESSOR	Adhiyamaan College of Engineering, Department of Civil Engineering, Hosur – 635 109	<p>TEACHING</p> <ul style="list-style-type: none"> • Basics of Remote Sensing and GIS • Geographical Information System • Cartography • Applied Geology • Survey-I • Survey I Practical • Survey Practical – II • Survey Theory– II • Principles of Environmental Science and Engineering • Coastal Zone Management <p>R&D ACTIVITIES</p> <ul style="list-style-type: none"> • Project Guidance for BE, M.E Students. • Ph.D Guidance • Project proposal writing • Conducting Faculty development and Training coerces • Research paper writing to Journals

				<ul style="list-style-type: none"> • Guest Lecturer
15.12.2003	24.06.2005	ASSISTANT PROFESSOR	Sona College of Technology, Department of Civil Engineering, Salem.	TEACHING <ul style="list-style-type: none"> • Engineering Geology • Survey-I • Survey I Practical • Survey Practical – II • Survey Theory– II • Principles of Environmental Science and Engineering
10.03.2003	12.12.2003	SENIOR LECTURER	Mepco Schlenk Engineering College, Department of Civil Engineering, Sivakasi.	TEACHING <ul style="list-style-type: none"> • Basics of Remote Sensing and GIS • Survey-II • Survey II Practical • Survey Camp • Engineering Geology

				<p>R&D ACTIVITIES</p> <ul style="list-style-type: none"> • Project Guidance for BE Students. • Co-Investigator for DST Funded project entitled “Application of Geographic Information System and Remote Sensing Techniques for Identification and Assessment of Ground Water Potential in a Drought prone rural Tamilnadu and Management Measures” (Cost of Project Rs. 15, 00,000) • Research Paper Publication in National and International Journals • Project Proposal Writing • In-charge for Photogrammetry and Remote & GIS Lab
01.08.1996	05.03.2003	RESEARCH SCIENTIST	Institute for Ocean Management Department of Civil Engineering Anna University. Chennai-25.	<p>R&D ACTIVITIES</p> <ul style="list-style-type: none"> • Project Team Leader • Project Proposal Writing • Research Methodology development • Theme maps preparation using satellite (Visual and digital techniques) • Field Truth verification, Coastal and Marine Surveying • Satellite data analysis in GIS and Image Processing • Project report Preparation • Planning & Management of Remote Sensing and GIS Projects Related to Coastal Zone Management • Organize the National and International Training Programme, Seminar & Conference etc.

				TEACHING <ul style="list-style-type: none"> • Coastal Zone Management • Surveying for part time BE students.
18.08.1995	31.07.1996	RESEARCH ASSOCIATE	Institute of Remote Sensing, Anna University, Chennai-25.	<ul style="list-style-type: none"> • Thematic Map Preparation using Remote Sensing data • Ground truth verification & Land surveying • GIS analysis and project report writing etc.
May 1994	June 1995	PROJECT ASSISTANT	School of Earth Sciences, Bharathidasan University, Tiruchirapalli-04.	<ul style="list-style-type: none"> • Visual Interpretation of Aerial photos and Satellite imageries • Geological mapping • Field sample collection and land surveying

b. Research Project"s completed in Anna University, Chennai.

- **“Identification of Ecologically Important Areas in Indian Coast”**, Sponsored by Ministry of Environment and Forest, Govt. of India, New Delhi.
- **“Creation of Coastal Regulation Zone Information System for Effective Management of the Coastal Zone of Tamil Nadu”**, Sponsored by Ministry of Environment and Forest, Govt. of India, New Delhi.
- **“GIS Based Information System for Coastal Critical Habitat of Indian Coast”**, Sponsored by Department of Ocean Development, Govt. of India, New Delhi.
- **“Application of Remote Sensing Techniques to Coastal Wetland Ecology of Tamil Nadu with Special Reference to Mangroves”**, Sponsored by Ministry of Environment and Forest, Govt. of India, New Delhi.
- **“Coastal Wetland and Regulation Zone Mapping of Andaman and Nicobar Islands using Remote Sensing”**, Sponsored by Space Application Center, ISRO, Govt. of India, New Delhi.

- **“Integrate Machine for Sustainable Development of South Tamil Nadu”, Sponsored by National Remote Sensing Agency, ISRO, Govt. of India, Hyderabad.**

b) **Ongoing Research Project**

- **National Network Project on “ Detection and Discrimination of Coral Reefs Using Hyper Spectral Data”, Funded by Department of Science and Technology (DST), Ministry of Science and Technology, under the scheme of Big Data Analytics - Hyperspectral Data (BDA-HSRS) (Rs. 26.587 L) Government of India, New Delhi-110016. No.BDID/01/23/2014-HSRS, Date: 18.03.2016.**

c) **Grants Received**

- Grant (Rs.3,00,000) Received for organizing Short Term Training Programme (STTP)on **“Recent Advancea in Land Sureying and Mapping”** by AICTE Govt. of India, New Delhi under AQIS 2018-19 during the financial year 2019- 20. No. 34-65/328/RIFD/STTP/Policy-1/2018-19.
- Grant (Rs. 50,000) Received for organizing national workshop on **“Advances in Geospatial Technology for Disaster Management”**. for the financial year 2018-2019 by SCRB, DST, Government of India, New Delhi-110016
- Grant (Rs. 75, 000) Received for organizing national workshop on **“Advances in Geospatial Technologies for Disaster Management”** for the financial year 2017-2018 by SCRB, DST, Government of India, New Delhi-110016. File No: 1. SSY/2017/000151 Dated 01.05.2017.
- Grant **(Rs.20,000)** Received for organizing workshop on **“Advances in Geospatial Technologies for Disaster Management”** for the financial year 2017-2018 by TNSCST, Government of Tamil Nadu, Chennai-25. Letter No: TNSCST/POPS/AR/40/2016-2017 Dated 25.04.2017
- Grant (Rs.26.587 L) Received for conducting National Network Research Project on **“ Detection and Discrimination of Coral Reefs Using Hyper Spectral Data”,** Funded by **Department of Science and Technology (DST), Ministry of Science and Technology, under the scheme of Big Data Analytics - Hyperspectral Data (BDA-HSRS) Government of India, New Delhi-110016. No.BDID/01/23/2014-HSRS, Date: 18.03.2016**
- Grant **(Rs.40, 000)** Received for organizing national workshop on **“Integrated Coastal Zone Management”** for the financial year 2013-2014 by SCRB, DST, Government of India, New Delhi-110016. F.No. SCRB/F/6888/2013-14, dated 05/02/2014
- Grant **(Rs. 14, 54, 600 Lakhs)** Received under the scheme of **MODROB** entitled **“Surveying and Photogrammetry Laboratory”** for the financial year 2013 – 2014 by AICTE, Government of India, New Delhi.
- Grant **(Rs.20,000)** Received for organizing workshop on **“Application of Geomatics in Digital Cartography”** for the financial year 2010-2011by TNSCST, Government of Tamil Nadu, Chennai-25. Letter No: TNSCST/POP.SCI/ RJ/49/2011-2012/1612
- Grant **(Rs.15, 000)** Received for organizing workshop on **“Application of Geomatics in Digital Cartography”** for the financial year 2010-2011by Tamil Nadu Science City, Government of Tamil Nadu, Chennai-25. Letter No: 538/SCICITY-VELAMMAL/Workshop/2011
- Grant **(20,15,720 Lakhs)** approved under the scheme of Ocean Research & Manpower Development Programme entitled **“Application of Remote Sensing, GIS and GPS Techniques for Assessment of Geo-Environmental**

Changes and its Impacts on Vedaranyam Wetlands” from Ministry of Earth Sciences, Government of India, New Delhi 110003.

- Grant (**2.00 Lakhs**) Received under the scheme of SDP entitled “**Application of Geomatics in Digital Cartography**” for the financial year 2009 – 2010 by AICTE, Government of India, New Delhi. F.No. 1-78/FD/SDP (149)/08-09
- Grant (**Rs. 6.36 Lakhs**) Receive under MODROBS Scheme entitled “**Modernization and Removal of Obsolescence in Surveying Photogrammetry and Geographical Information System Lab**” for the financial year 2006 – 2007 by AICTE, Government of India, New Delhi. F.No: 8023/RID/BOR/MOD- 155/2006-07
- Grant (**1.00 Lakhs**) Received under the scheme of SDP entitled “**Remote Sensing, GIS and GPS Application for Modern Surveying and Earth Environmental Studies**” for the financial year 2005 – 2006 by AICTE, Government of India, New Delhi. F.No. 1-78/FD/SDP (30)/2005 - 06
- Grant (**Rs. 12.00 Lakhs**) Received under the scheme of NRDMS entitled “**Application of Geographic Information System (GIS) and Remote Sensing Techniques for Identification and Assessment of Ground Water Potential in a Drought Prone Rural Tamil Nadu and Management Measures**” for the financial year 2003-2004 by DST, Government of India, New Delhi.

e). **Supervisor for Ph. D Guidance:**

University	Faculty	Research Area	Approval No:	Year of Approval
Anna University Chennai – 25	Civil Engineering	Remote Sensing And Geographical Information System (GIS) Application In Coastal Zone Management And Coastal Processes	62.151.05	April 2004

f). **List of Students Doing Ph.D**

Name	Area of Research	Research Status	University
Ms. R. Thilepa Lecturer, Department of EEE Adhiyamaan College of Engineering, Hosur - 635 109	Image processing	Ph. D Awarded- 2014	Anna University
Mr. S. K. Nimalan SRF in DST.HSRS Project S.A.Engineering College Chennai.	Spectral Properties of Coral Reefs using Hyperspectral Remote Sensing	Synopsis submitted and thesis preparation	Anna University

Ms. N.Aarthi Assistant professor S.A.Engineering College Chennai.	Coastal Hazards and Management	Undergoing coursework	Anna University
Ms. S.Pavithra Assistant professor S.A.Engineering College Chennai.	Coastal Zone Management	Coursework completed	Anna University

g). DC Member in Anna University, IIT Madras and SRM University i). Reviewer for

- Ph.D thesis
- International Journal of Environmental Monitoring and Assessment Published by SPRINGER
- International Journal of Ocean Science Published by the Copernicus GmbH (Copernicus Publications) on behalf of the European Geosciences Union (EGU).
- Transactions on Geoscience and Remote Sensing IEEE Publications
- International Journal of Earth Sciences and Engineering Published by Cafet Innova Technical Society
- Research Proposals in DST.
- Applied Ocean Research Published by ELSEVIER

j) Life member

- Indian Society for Technical Education
- Indian Society of Remote Sensing.
- Indian Ecological Society.

k). Training:

Training Participated

Organisation	Period		Details of the Training
	From	To	
Space Application Center, ISRO, Ahmedabad	10.02.1998	13.02.1998	Training on workshop-cum-tutorials on IRS-P3 MOS data Handling and Utilization
Institute for Ocean Management Anna University, Chennai.	11.12.2000	10.01.2001	ISRO Sponsored training programme on “ Remote sensing and GIS Application to Coastal Zone Management”

Department of Applied Geology University of Madras	10.10.2001	10.10.2001	National Hazards and Environment” Application of Remote sensing and GIS tools and conservation methods
Institute for Ocean Management Anna University, Chennai	3.12.2001	7.12.2001	Indo-Germany Training course on “Port and Harbor Area Environmental Management”
Toshni-Tek International 267, Kilpauk Garden Road, Chennai	25.09.2003	26.09.2003	Training on Field surveying using electronic total station
Department of Civil, Mepco Schlenk Engineering College, Sivakasi.	01.12.2003	12.12.2003	AICTE Sponsored Short term Training Course on Rain Water Harvesting
Center for Environmental Studies Anna University, Chennai.	18.05.2004	23.05.2004	Principles of Environmental Science and Engineering
Department of Disaster Management VITU, VELLUR	04.09. 2010	05.09.2010	Advances in Geospatial technology
Tamil Nadu Science City, Chennai	20.03.2011	20.03.2011	ISRO conducted one day work shop on BHUVAN
Earthquake Research Cell Faculty of Engineering and Technology SRM University Kattankulathur	27.09.2014	27.09.2014	National Level Workshop on Advances in Geospatial & Seismic Models for Earthquake and Disaster Studies
Dr. M.G.R. Educational and Research Institute, Department of Civil Maduravoyal, Chennai – 095	05.10.2015	05.10.2015	Workshop on GIS application and ESRI’S end user review
Department of Science and Technology, Government of India at ICAR- Indian Agricultural Research Institute, New Delhi.	20.12.2016	24.12.2016	Training-com-Workshop on Imaging Spectroscopy and Applications.
Jet Propulsion Laboratory of NASA & ISRO in Space	13.07.2017	14.07.2017	AVIRIS Science Campaign

Applications Centre, Ahemedabad			
Centre for Technology Development and Transfer, Anna University, Chennai	12.05.2017	12.05.2017	Workshop on Scope for R & D Projects and Proposal Preparation

Training Organized

Period		Details of the Training
From	To	
11.12.2000	10.01.2001	NNRMS, ISRO, Government of India Sponsored training programme on Remote Sensing and GIS in Coastal Zone Management”.
20.4.2006	24.4.2006	AICTE Sponsored Staff Development Programme on “ Remote Sensing, GIS and GPS for Modern Surveying and Earth Environmental Studies ”
16.11.2009	25.11.2009	AICTE Sponsored SDP on „Application of Geomatics in Digital Cartography“
10 .02.2012	11 .02.2012	TNSCST & Science City Sponsored National Workshop on “ Application of Geospatial Technology in Natural Disaster Management ”
29.04.2014	30.04.2014	SCRB, DST, Govt.of India Sponsored National Workshop on “ Integrated Coastal Zone Management ”
18.12.2014	19.12.2014	FDTP on “ Remote Sensing and GIS ”
29.01.2015	29.01.2015	Workshop on “Advanced Sensors for Geospatial Technology” Chief Guest Professor Hiromichi Fukui, Dr.Sci , Director, International Digital Earth Applied Science Research Center, Chubu University, Japan.
29.10.2015	29.10.2015	FDP on Remote Sensing and GIS
15.06.2017	16.06.2017	Science and Engineering Research Board (SERB), DST, Govt. of India and Tamil Nadu State Council for Science and Technology (TNSCST), Govt. of Tamil Nadu Sponsored National Workshop “ Advances in Geospatial Technology for Disaster Management ”.
29.06.2018	29.06.2018	National conference on “Sustainable Development”
26.03.2019	26.03.2019	National conference on “Emerging Trends in Civil Engineering”

20.09.2019	21.09.2019	Science and Engineering Research Board (SERB), DST, Govt. of India Sponsored 2 nd National Workshop on “Advances in Geospatial Technology for Disaster Management” .
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Guest Lecturer

Institution Visited	Period	Name of the Programme	Title of the presentation
St. Peter’s Engineering College, Department of Civil Engineering, Chennai – 54	21.10.2007	DST sponsored Advanced training programme on “Application of Remote Sensing and GIS in Coastal Disaster Management”	Concepts of Remote Sensing and GIS and its application to coastal erosion studies.
St. Peter’s Engineering College, Department of Civil Engineering, Chennai – 54	06.09.2006	DST sponsored Advanced training programme on “Application of Geomatics in Urban Environment Management”	Concepts of Remote Sensing and GIS and its application to coastal environmental studies.
Bharathidasan University UGC-Academic Staff College Tiruchirapalli – 620 023	15.11.2006	UGC sponsored training programme on “Need Based Refresher Course in Environmental Education”	Remote Sensing and GIS application in Environmental Studies
Govt. College of Engg. Department of civil Engg. Salem- 11	06.03.2007	AICTE sponsored SDP programme on “ Application of RS, GIS, GPS in modern surveying and Earth environmental studies	Principles of Remote sensing. Remote Sensing and GIS Application in CZM Mapping using GIS and Remote Sensing
Muthayammal Engg. College Rasipuram – 08, Namakkal.	12.03.2007	AICTE sponsored SDP programme on “Advantage Technologies for Surveying”	Remote Sensing and GIS, GPS techniques to Coastal Environmental studies
Annamalai University CES in Marine Biology Parangipetta, Cuddalore -02	25.09.2008	DST sponsored advanced training programme on Remote Sensing and GIS Monitoring and Mapping of coastal zone.	Mapping of Coastal geomorphology and shoreline changes.
Department of IT SSN College of	26.11.2010	National Workshop on Digital	Principles of Remote Sensing

Engineering, Chennai		Image Processing	and its Applications
Department of Civil Engineering Tagore Engineering College Chennai – 048	11.02.2011	National Seminar on Challenges and Opportunities in Civil Engineering	Remote Sensing Applications on Coastal Changes
Department of Civil Engineering Tagore Engineering College Chennai – 048	26.11.2012	Faculty Development Programme on Remote Sensing and GIS	RS and GIS applications in Coastal Management
Department of Ocean Engineering, IIT Madras	08.06.2019	DST Sponsored Advance Training Program on "Coastal Vulnerability Assessment using Geospatial Technology"	Detection and classification of coral reefs using remote sensing and GIS

8. Thesis

- Ph.D: Management of Coral Reef in Gulf of Mannar Using remote Sensing and GIS Techniques-With Reference to Coastal geomorphology and Land use.
- M.Tech: Structure and Geomorphology of Part of Tiruchirapalli District-Tamil Nadu using IRS-1A Satellite data.
- M.Sc: Economic feasibility study of Granite Rocks.
- B.Sc: Investigation of Gold Deposits in India

8. Doctoral

- Map the coastal landforms using remote sensing (IRS LISS-III satellite imagery) and ARC-INFO and ARC-VIEW GIS techniques and subsequent field check.
- Preparation of shoreline maps using multi-date satellite data and Identification of coastal erosion and coastal accretion through ARC-INFO GIS package.
- Map the sea floor and identification the seafloor changes using multi-date bathymetry data and GIS.
- Preparation of coastal land use/land cover maps using multi-date satellite data and identifying the land use/land cover changes through ARC-INFO GIS.
- Coral reef mapping using multirate satellite through visual and digital technique estimates their aerial extent and identifying the changes using ARC-INFO GIS and ERDAS Imagine software.
- Zonation of various coral reef species using various digital classification methods such as maximum likelihood (MLC), K.Means and principal component analysis (PCA) and comparison of their classification accuracies and choose best suitable method and spectral band for coral reef mapping and zonation.

- Identified various problems (natural and man mad) for coral reef degradation and suggest the suitable management plane for conserve the coral reefs

9. Major scientific fields of Interest

- Mapping, Modeling and Management of Coral reef and Mangrove ecosystem.
- Remote Sensing and GIS Techniques for Water Resource Management

10. Advanced Computer Experience 9 years of hands on experience in

GIS Software : PC-ARC-INFO (Version 3.5.2)

NT -ARC-INFO (Version 8.1)

ARC-VIEW (Version 3.2 and 3.1) ARC-GIS

Image Processing : ERDAS Imagine 8.4

11. Instruments Operation Known

- Mirror Stereograph for obtaining three-dimensional view of aerial photo and estimation of elevation
- Parallax bar for estimation of distance between elevations identified in the aerial photographs
- Land survey using GPS, DGPS & Electronic Total Station
- Hydrograph Survey (bathymetry survey and mapping) using sounding
- Spectral Radio Meter and Electronic total station
- Electronic Total Station and GPS

12. RESEARCH PUBLICATIONS

Papers in National Journals

1. **M. Thanikachalam** and S.K. Nimalan (2019), “**Analysis on Variations in Spectral Reflectance Characteristics of Coral Reef Benthic Compositions from Gulf of Mannar, Tamil Nadu, India**”, Indian Journal of Ecology, Vol.46, No.1, 2019, pp.76-82.
2. **M. Thanikachalam** and S.K. Nimalan (2018), “**Investigation and Prediction of Urban-Sprawl & Land-Use Changes for Chennai City Using Geo-Spatial Technologies**”, Indian Journal of Geo-Marine Sciences, Published by NISCAIR (CSIR), In-press.
3. **M. Thanikachalam** and S.K. Nimalan, “**Hyperspectral Characteristics of Coral Reefs and Its Associated Features from Gulf of Mannar, India**”, Indian Journal of Geo-Marine Sciences, Published by NISCAIR (CSIR), In- press.
4. **M. Thanikachalam**, S. Ramachandran (2003), “**Shoreline and Coral Reef Ecosystem Changes in Gulf of Mannar, Southeast coast of India**”. Journal of the Indian Society of Remote Sensing, Vol.31, No.3, 2003, pp.157-173.
5. **M.Thanikachalam** and S.Ramachandran (2002) “**Conservation of coral reefs in Gulf of Mannar: A remote sensing and GIS approach**” Indian society of Geomatics (ISG) Newsletter, Special Issue on Coastal & Marine Environmant, Vol. 8, No. 2 & 3, pp 65-70.

6. S.Ramachandran, S. Sundramoorthy, R.Krishnamoorthy, J.Devasenapathy **M. Thanikachalam** (1998), „**Application of remote sensing and GIS to coastal wetland ecology of Tamil Nadu and Andaman and Nicobar island with special reference to mangroves**”, **Current science**, August special Issue, 1998, Vol.75, No.3.pp.101-110.

Papers in International Journals

7. **M. Thanikachalam** (2015), “**Temporal Geomorphic Changes along Tuticorin Coast, Tamil Nadu**”, Internal Journal of Earth Science and Engineering, ISSN 0974-5904, Vol.08, No: 05, PP256-262.
8. **M. Thanikachalam and S.K. Nimalan** (2017), “**Temporal Coastal Changes along Rameswaram Coast, Tamil Nadu**”, International Journal of Advanced Technology and Engineering Research. (In Press).
9. **M. Thanikachalam and S.K. Nimalan** (2017), “**Investigation of Coastal Landforms Along the Southeast Coast of India Using Remote sensing and GIS Techniques**”, International Journal of Remote Sensing and Geoscience. (In Press).
10. **M. Thanikachalam** (2010), “**Digital and Visual Analyses of IRS Satellite Data for Zonation and Change Deduction of Coral Reefs in Gulf of Mannar Marine Biosphere Reserve**”, Inter National Journal of Geomatics and Geosciences, ISSN 0976-5980, Nove.2010, Vol., No: 03,PP-380-326 - PP-380-326.
11. **M. Thanikachalam** (2011), “**Mapping of Coral Reefs Using IRS Data**”, ISSN 0974-5904, Vol.04, No: 06, PP- 512-524.
12. R. Thilepa and **M. Thanikachalam** (2010), “**A Paper on Automatic Fabric Fault Processing Using Image Processing Techniques in Matlab**”, Signal & Image Processing: An International Journal, (SIPIJ), ISSN: 0976 – 710X, Vol.1 No.2, December 2010, DOI: 10.5121/sipij.2010.1208, PP 88-98.
13. R. Thilepa and **M. Thanikachalam** (2010), “**Fabric Fault Detection Using Image Processing With Atmel Microcontroller**”, Inter National Journal of Engineering Science and technology, Vol. 2(11), 2010, PP 6540-6549, ISSN: 0975 – 5462, PP 6540-6549.
14. R. Thilepa and **M. Thanikachalam** (2010), “**A New Processing of Color Images Recognition by Using ART -1 Neural Network**”, International Journal of Computer and Information science, ISSN 1913-8989, Vol.4, No.1. Jan.2011, PP. 217-223.
15. R. Thilepa and **M. Thanikachalam** (2011), “**An Artificial Neural Network Based Vision System for Vehicles Number Plate Recognition**”, International Journal of Computer Network and Security (IJCNS). ISSN: 0975 – 8283, Vol.3, No.1, Jan– March 2011, pp 81-84.
16. K. Dharanirajan, **M. Thanikachalam**, B. Gurugnanam (2009), “**Remote Sensing and GIS for the Study of Coastal Ecosystem Changes and Its Conservation**”, International Journal of Earth Sciences and Engineering, ISSN 0974- 5904, Vol.03, No.04, August 2010, pp.512-524.
17. **M. Thanikachalam**, V. A. Kumaresan, and S. Ramachandran (2006), “**Monitoring Coastal and Seafloor Changes in The Gulf of Mannar, Southeast Coast of India Using Remote Sensing and GIS Technology**”, GIS development http://gisdevelopment.net/application/geology/geomorphology/ma06_259.htm

18. **M.Thanikachalam and S.Ramachandran (2005) “Remote Sensing and GIS Techniques for monitoring The Coastal Environmental Changes: A Case Study in Tuticorin Coast, India”** <http://www.gisdevelopment.net/application/nrm/coastal/wetland/ma05307.htm>
19. **M.Thanikachalam and S.Ramachandran (2003), “Monitoring Changes in Seafloor Morphology Using Multi-date Bathymetry data: A Case Study of the Gulf of Mannar, Southeast Coast of India”** GIS development, <http://gisdevelopment.net/application/nrm/ocean/ma03009abs.htm>
20. **M.Thanikachalam and S.Ramachandran (2002) “Management of coral reefs in Gulf of Mannar using Remote Sensing and GIS techniques-with reference to coastal geomorphology and landuse”,** GISdevelopment, <http://gisdevelopment.net/application/nrm/coastal/mnm/nrmmm008.htm>
21. **M.Thanikachalam and S.Ramachandran (2002) “Remote sensing and GIS Techniques for Mapping Coastal Geomorphology in Gulf of Mannar, Southwest Coast of Bay of Bengal”** International Society of Photogrammetry and Remote Sensing, Vol. 34, No. 7, pp 93-96. 71.
22. **R.Krishnamoorthy, J,Devasenapathy, M. Thanikachalam and S. Ramachandran (1999), “Environment and human impact in coastal and marine protected areas in India”, In: Advances in Global Change Research, Ed. By Guidoviscont, Martin Beniston, Emilo D. Iannor Elli and Diego Barba, Kluwer Academic Publishers, Vol-9, pp–373 - 392.**

Chapters in Books

23. **M. Thanikachalam (2015) “Application of Geospatial Technology for Management of Coral Reefs in Gulf of Mannar National Marine Park, India”** Coastal Zone Management, Published by Elsevier (Accepted)
24. **M. Thanikachalam and S. Ramachandran (2003), “Degradation of Coral Reefs in Gulf of Mannar”, Coastal Urban Environment, edited by R. Ramesh and S. Ramachandran, Institute for Ocean Management, Anna University, Chennai, Capital Publishing Company, New Delhi-110 002.**
25. **M. Thanikachalam, S. Uma Maheswarai and S. Ramachandran (2001), Coral Reefs of India, In: Coastal Environment and Management, Ed by S. Ramachandran, Institute for Ocean Management, Anna University, Chennai, pp 92-111.**
26. **M. Thanikachalam, and S. Ramachandran (2001), Coastal Geomorphology of India, In: Coastal Environment and Management, Ed by S. Ramachandran, Institute for Ocean Management, Anna University, Chennai, pp 15-22.**
27. **M.Thanikachalam, S.Uma Maheswarai, K.Suganya and S.Ramachandran (2000), „Remote sensing application in coral reef studies at Gulf of Mannar and Kadamat Island“, In “Marine Remote Sensing Application ” Edit by S.Ramachandran, Institute for Ocean Management, Anna University, Chennai.**

Papers in National/International Conferences/ Seminars

28. **M. Thanikachalam and N, Bharathiraja (2009), „Digital Analyses of IRS LISS-III Sensor Data for Coral Reef Mapping –A Case Study in Gulf of Mannar National Marine Park,**

Tamil Nadu, India” International Conference on ICACI’09, Department of ECE, Thanthai Periyar Govt. Institute of Technology, Vellore 11 – 13 January.

29.M.Thanikachalam and S.Ramachandran (2003), **“Remote Sensing And GIS Techniques For Monitoring The Coastal Ecosystem Changes: A Case Study In Tuticorin Coast”**. International Conference on Coastal and Freshwater Issues (COFIS 2003) held at Institute for Ocean Management, Anna University, Chennai between December 8-10.

30.M. Thanikachalam and S. Ramachandran (2002), **Remote Sensing and GIS Techniques for Monitoring and Conservation of Coral Reef in Gulf of Manar, Southeast Coast of India, National Symposium on Conservation of Eastern Gnats** held at Tirupati, Andhra Pradesh on 24-26, 2002, pp 584 -594.

31.M.Thanikachalam, J.Devasenapathy and S.Ramachandran (1998), **„Coastal Regulation Zone Mapping of Andaman and Nicobar Island through remote sensing“**, National Seminar on Marine Remote Sensing Applications held at Anna University between 23-25 September.

32.J.Devasenapathy, **M.Thanikachalam**, and S.Ramachandran (1998), **„Role of remote sensing in the studies of coastal wetland ecology of Muthpet area In Tamil Nadu“**, National Seminar on Marine Remote Sensing Applications held at Anna University between 23-25 September.

33.R.Kasinathapandi, **M.Thanikachalam**, J.Devasenapathy and S.Ramachandran (1998), **„Assessment of changes in the Land use/Land cover pattern using remote sensing in the Vaigai basine, Tamil Nadu“**, National Seminar on Marine Remote Sensing Applications held at Anna University between 23-25 September.

34.S.Ramachandran, S. Sundramoorthy, R.Krishnamoorthy, J.Devasenapathy **M. Thanikachalam** (1998), **„Application of remote sensing and GIS to coastal wetland ecology of Tamil Nadu with special reference to mangroves“**. Proc of National Seminar on Conservation of Eastern Gnats Organized by Environmental Protection Training and Research Institute (EPTRI), March 1998, pp.383-405.

Papers under review

35.M. Thanikachalam and S.K. Nimalan, **“Hyperspectral Characteristics of Coral Reefs and its Associated Features from Gulf of Mannar, India”**, Coral Reefs.

36.M. Thanikachalam and S.K. Nimalan, **“Estimating the Fractional Abundance of Coral Reefs and Its Associated Compositions In Gulf of Mannar, Tamil Nadu, India”**, Current Science.

37.M. Thanikachalam and S.K. Nimalan, **“Optical Detection of Coral Reefs In Gulf of Mannar Islands Using Landsat-8 (OLI) Data”** Remote Sensing Letters.

38.M. Thanikachalam and S.K. Nimalan, **“Spectral Reflectance**

Characteristics and Seperability Analysis of Coral Reefs and Its Associated Features from Gulf of Mannar,Tamil Nadu” Oecologica.

14.Future Research Plan:

Application of Remote Sensing and GIS for

- Coastal Disaster Mitigation and Management
- Sea level Changes associated with global changes and plate tectonics.

BIODATA OF Er.A.KARTHIKEYAN



A.Karthikeyan born on 21.08.1973, at Karur.

Father (Late)P.Appasamy served as Junior Engineer, Highways Department.

Mother A.Shantha Devi, happy Home Maker.

School Education done at M.S.P Solai Nadar Memorial Hr.sec School, Dindigul.

- During school days, received award from “**President of India**” for the service in The Bharat Scouts & Guides in 1989.
- Graduated B.E civil Engineering from R.V.S College of Engineering, Dindigul by the year 1996. Worked as a Project Engineer in an NGO called CHERU at Dindigul for one year.
- Then joined as an Assistant Design Engineer under Prof.M.Chockalingam an Eminent Structural Engineer and former Director of P.S.N.A Engineering College, Dindigul for one year.
- **Post Graduated, M.E- Soil Mechanics and Foundation Engineering in College of Engineering Guindy, Anna University, Chennai from 1998 to 2000.**
- Presented papers in National Level Seminars and Conferences. Also participated International Conferences held in India.

Started his Own Business as an Entrepreneur since 2000.

Practicing as a Structural and Geotech. Consultant.

Carrier record crosses **1750** projects includes Residential Apartments, Schools, Colleges, Hospitals, Hotels, Temples, Churches, Mosques, Shopping Malls, Industrial buildings, Radio Towers, Earthen Dam, Machine Foundations, Rehabilitation of Structures, Underpinning, Earth Retaining Structures etc.,

- Other than a Design Engineer, Guest faculty for Part time B.E in College of Engineering Guindy, Anna University, Chennai, from 2010 to 2016.
- Served as visiting Faculty for Part time M.Arch., in Hindustan University Chennai for one year.

- Serving as a Guest faculty in Micro Small & Medium Enterprises [MSME], Guindy, Chennai since 2012.
- Received Best Engineer Award from JSW steel for the year 2017-2018.
- Patron Member in Builders Association of India.
- Member of Institution of Engineers (India) and Chartered Engineer.(M151242-5)
- Recognized as Professional Engineer by Engineering Council of India.(PE/00443/16)
- In this, so far 324 hours of CPD (Continuous Professional Development) Credited which is highest individual score on date, all over India.
- Member of Indian Geotechnical Society.(LM2161)
- Fellow in Institution of Valuers-India.(F27169)
- Member in Association of Structural Rehabilitation-India.(A00285)
- Present Office, “Karthikeyan Associates” at Arumbakkam, Chennai. Consist of 10 Engineers.
- Other than Design office, running an Academy for Civil Engineers in the name of
- “**Karthikeyan Academy for Civil Engineers**” at Arumbakkam, Chennai. So far 15 Batch of Engineers has been Trained and Certified. Most of them placed in various companies in India and abroad.

SURESH KUMAR L

No.29, K.M.P. Koil Street, Ayanavaram,
Chennai 600 023.

Mobile : +91-78450 59777

+91-80728 85710

E-mail : duromax.duromax@gmail.com

**OBJECTIVE**

- o Dedicated to the cause of education by disseminating practical Knowledge and holistic development of the students.
- o Motivates students to learn, innovate and enhance their skills and strength by providing professional environment.
- o To provide a platform to explore and address the Research Needs of our country.

ACADEMIC QUALIFICATION

Degree	Name of the Institution	Subject
M.Tech(struct.)	IIT-Madras (Best Project Medal Winner)	Structural Engineering(Civil)
A.M.I.E. (Sec A & Sec B)	Institute of Engineers (India)	Civil Engineering
PG Diploma	Alagappa University	Design and Construction of Concrete Structures

PRESENT RESPONSIBILITY

S.No.	PROJECTS	PLACE
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1	<p>Construction of G+18 storey Building 4 Blocks for Income Tax Department at 15th main Road Anna Nagar, Chennai.</p> <p>Latest technology “Tunnel Form” is being used.</p> <p>G+18 Storey will be built in a recorded time of 90 days.</p>	Anna Nagar, Chennai.
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PROFESSIONAL EXPERIENCE

Designation	Place of Work	Duration
Assistant Engineer	Central Public Works Department (CPWD)	May 1998 – Till date (17 years of service)

CAREER PROFILE

S.No.	PROJECTS	PLACE
1.	<p>Standard Chartered Bank C.N.Rao Architects</p> <p>*Tidel park and Nehru Stadium Architects</p>	Chennai.
2.	<p>Construction of Quarters for General Pool Residential Apartments for Central Government staffs 224 Nos</p>	Chennai.

3.	<p>Bridges – 10 Nos</p> <ul style="list-style-type: none"> ○ Steel truss N-type Through Type bridges with riveted connection 4 Nos ○ RCC box culverts of 7 cells 5mx5m – 3 Nos ○ Multi span bridges of 3x35m – 3 Nos 	Indo-Bangladesh Border
4.	Indian Border Fencing for 19 km and maintenance of 93 kms.	Indo-Bangladesh Border
5.	Indo Bangladesh Border roads to a stretch of 41 kms.	Indo-Bangladesh Border
6.	Regional Training Centre-III for CRPF over 273 acres, project worth 500 crores.	Kerala, Kannur District, Peringome.
S.No.	PROJECTS	PLACE
7.	Bio-Technology and Bio-Chemistry building for Madras University, Guindy.	Chennai
8.	Instrumentation facility building for Madras University, Guindy.	Chennai
9.	National Institute of fashion Technology , Taramani	Chennai
10.	More than 35 multi storied residential housing complex	In and around Chennai

11.	Renovation , Leak deduction and correction of Buildings, Bureau of Indian Standards.	Chennai
12.	<p>Maintenance of various buildings including</p> <ul style="list-style-type: none"> ○ Rajaji Bhavan, ○ Regional Labour Institute ○ Besant Nagar Quarters ○ Board of Apprentice training ○ National Institute of Fashion Technology ○ Various other residential buildings. 	Chennai

TECHNICAL SKILL

- E-tabs (structure modeling and analysis)
- AutoCAD , knowledge of 2D and 3D modeling.
- MS-Office, Windows 7 & XP.
- Internet ability.

ACADEMIC PROJECT UNDERTAKEN

- Experimental Study on Brick Masonry Structures and the short falls of IS 4326 : 1993 for IS code validation and correction guided by Dr.Arun Menon,Professor IIT Madras.
- Results are to be submitted to World masonry conference.

FEATS

- Founder of **Free for all Study Centre - “ Nation Builders Academy (NBA)”** , a place for Civil Engineers to cherish their dreams and walk into the portals of achievements.

- o Guided Teams through NBA for National Canoe Competition held at IIT-M, conducted by **Indian Concrete Institute (ICI)**. Teams bagged Runner-up Trophy at this National Level Competition.
- o Rank No.1 in South Zone(five states) in all India Competitive Exam held for the Present post serving.
- o Mentoring and encouraging students to achieve their maximum level of performance through practical exposure.
- o Motivating and guiding students for their academic projects, GATE, UPSC, Exams.

KEY COMPETENCY

- o Teaching – An application oriented approach is used.
- o Dedicated and organised with a strong optimistic attitude.
- o Team work – Open to new ideas , lateral thinking ,Committed, Focused, Determined.
- o Construction of Residential Buildings with aesthetic and acoustic model.
- o Designing of Interior work , Implementation and Execution .
- o Setting up project procedures and relevant quality forms.
- o Self motivated and a Counselor - For stress and other related issues.
- o Reading and writing Tamil poems
- o Writing competitive Exams for various Central Government, State Government and Railway jobs . Has acquired 9 Government vacancies till date.
- o Geometrical skills

PERSONAL PROFILE

Name : Suresh Kumar L.

Fathers Name : Lakshmipathy K

Sex : Male

Nationality : Indian

Marital Status : Married

Date of Birth : 25th June , 1973.

Languages Known :

- o Tamil
- o English
- o Telugu
- o Hindi
- o Bengali
- o Malayalam.

KIRUTHIKA K

+918056140892

kirthikacivil@gmail.com

No. 17/7, Kalyanasundaram
St, Perambur, Chennai –
600011

OBJECTIVE: My goal is to become associated with an organization where I can utilize My skills and gain further experience while enhancing the organization's results.

GENERAL DETAIL:

Sex: Female

Age: 28

Marital Status: Married

Languages Known: English, Tamil, Hindi (write and read)

Nationality: Indian

Religion: Hindu

ACADEMIC PROFILE:

Course	Institution	Board/ University	Year of Passing	Percentage of Mark
M.E. Construction Engineering & Management	Velammal Engineering College	Anna University	2016	9.12 CGP
B.E. Civil Engineering	Prathyusha Institute of Technology & Management	Anna University	2013	8.14 CGP
Class XII	S.M.JV. Hr. Sec. School Kola Perumal Chetty Vaishnav Sr. Sec School	State Board	2009	87.83 %
Class X	S.M.JV. Hr. Sec. School Kola Perumal Chetty Vaishnav Sr. Sec School	CBSE	2007	80.08 %

KEY SKILL:

Leadership, Quick Learner, Team Worker, Adaptability

AREAS OF INTEREST:

Construction Planning, Scheduling and control, Risk analysis, Project management, BIM Modelling, BIM co-ordination

SOFTWARES KNOWN:

Primavera P6, MS Project, AutoCAD, STAAD Pro, Revit (Archi, Structure &MEP), Bentley AECOSim, TEKLA Structures, Navisworks.

PROJECTS:

Work Related Projects:

Project Name	Software	Scope of work
Batch T303(Singapore)	Revit & Navisworks (2016)	BIM co-ordination
Project Jewel (Singapore)	Navisworks (2016)	BIM co-ordination
Lake Grands (Singapore)	TEKLA (2016i)	3D Reinforcement Modelling
Bio 1.1 (Singapore)	Bentley AECOSim (2016)	BIM Modelling
Global International school (Singapore)	Navisworks (2016)	BIM co-ordination

Study Related Projects:

- Impact of Labour related risks on Construction Project Duration.
- Design guidelines for strengthening of RC structures using FRP materials – State of Art Review
- Analysis and Design of G+4 Residential Building.

TRAININGS:

- Internship training at VIT University, Chennai under Elite Contractors
- In plant training at Shantha Towers, Chennai under Om Shakthi Om developers

CONFERENCES AND WORKSHOPS:

- Presented a paper on Design Guidelines for Strengthening of RC Structures using FRP State of art review in **Industry Academia Conference on Construction Management at NICMAR, HYDERABAD**
- Presented paper on Impact of Labour Related Risks on Construction Project Duration in National Conference at **St. Peters University, Chennai**

- Attended workshop at **Anna University**, Chennai on Entrepreneurship.
- Attended workshop at **Anna University**, Chennai on Civil Engineering Contracting in Government Sector conducted by The Engineer's Hub
- Attended workshop on Tech – Knowledge Transfer between Institute and Industries on Concrete and Construction at **SRM University, Chennai**

ACHIEVEMENTS:

- **ANNA UNIVERSITY GOLD MEDALIST** in Master of Engineering, pursued University Second rank.
- Guest speaker/Lecturer in over 10 and more colleges.
- Have succeeded being a team leader and had handled many projects.
- Nominated for the **BEST PERFORMER AWARD** in Civil department in under graduation.
- Won 5 times Sports Championship in School Level.
- Participated in many Social works and have chosen to be the President of MYTRI (Tobacco Free Act) at school level.
- Classical dancer and have performed in various stages.

EXPERIENCE:

Designation	Institution/Organization	Years of Experience
Lecturer	S.A.Polytechnic College	1 yr 3 months
BIM Modeler	ByBitech Academy	3 yrs
Dream Keys	Senior Architect	6 months

I hereby declare that the information mentioned above are true to the best of my knowledge

STATION: CHENNAI

KIRUTHIKA K

RESUME

S.P RAVEENRAJ,
C/o Mr. D. Balamurugan, F-2, Block 'B',
Subakeerthana Apartment,
Bajanai Kovil Street, Puzhuthivakkam, Chennai - 91.
E-mail : gunapraveen93@yahoo.in Mobile number :
+919566069230



Career Objective:

To use my engineering skills for efficient completion of projects, to be resourceful and valuable assets to my team and to work in challenging environment that offers me an opportunity to learn and to grow.

Educational Profile:

- M.E. Structural engineering with CGPA of 7.80 in Prathyusha Engineering College, Chennai. Affiliated to Anna University, during 2014 - 2016
- B.E. Civil Engineering with CGPA of 7.00 in Velammal Engineering College, Chennai. Affiliated to Anna University, Chennai, during 2010-2014.
- HSC education with a score of 66% in Kamala Subramaniam Matriculation Higher Secondary School, Thanjavur, in May, 2010.
- SSLC education with a score of 70% in Kamala Subramaniam Matriculation Higher Secondary School, Thanjavur, in May 2008.

Professional Work Experience:

1. **Company Name:** Jays Civil Tech

Location: Purasavakkam, Chennai, Tamilnadu. **Period:** July 2016 to February 2017 **Designation:** Junior Design Engineer.

Responsibility: RCC Building designing, Detailing of Concrete Structure and Steel Structure designing

Projects Involved: Apartment Buildings, Residential Buildings, College Hostel and Bank Building Structures.

2. Company Name: Foresight

Location: Wavin, Ambattur Industrial Estate, Chennai, Tamilnadu.

Period: March 2017 to Till Date

Designation: Structural Design Engineer.

Responsibility: Tensile Structure Steel Designing, Metal Roof structures, Shop Drawing, Erection and Fabric Patterning .

Projects Involved: IIT Chennai, Brook Field Mall-Coimbatore, Landmark Hotel, Anand Hotel, Mahathma School – Madurai, Hospital Entrance, Etc.

Area of Interest:

- Structural Analysis
- Steel structures, RCC design and detailing

Industrial Exposures:

Attended industrial visits in

- Batching plant, Vandalur.
- Highway Research Station, Guindy
- Water Treatment plant, Chembarabakkam,
- VME Precast, Sriperumbathur,
- Kamatchi steels, Gummidipoondi.

Project Details:

Projects during B.E.

- **Mini Project**

Title : DESIGN OF HOSPITAL BUILDING

Abstract : Design of structural elements in Hospital Building such as slabs, beams, column and footings were done by limit state method.

- **Main Project**

Title : REUSE OF TEXTILE MILL SLUDGE IN BURNT CLAY BRICK

Abstract : Textile mill being second largest industry in India faces problem of sludge disposal. In this study, attempt is made to reuse textile mill sludge in burnt clay brick. Thus reuse of textile mill sludge in burnt clay brick is better option so that problem of ultimate disposal of textile mill sludge can be reduced.

Projects during M.E.

Title : EXPERIMENTAL STUDY ON SCC WITH BAGASSE ASH AND POLYPROPYLENE FIBRE

Abstract : The SCC is made with replacement of cement with bagasse ash and Polypropylene fibres is added to the total volume of concrete for M30 mix proportion. The main focus of this study will be on investigating maximum percentage of replacement bagasse ash and Polypropylene Fibres that can be made added to total volume of concrete.

Technical Qualifications:

- Completed Web Designing at CSC, Thanjavur.
- Completed Auto Cad, Revit Architecture, Stadd Pro, Project and Planning Management, Primavera At Cadd Centre, Padi.
- Well Good in Sketchup and Ix-Ray 4-10 (Tensile Structure Design)

Co-Curricular Activities:

- Attended internship at GAMMON LTD. INDIA.

- Attended in-plant training at Chola construction, Thanjavur.
- Attended in-plant training at Primetech, structural consultant, Thanjavur.
- CADD Event coordinator of my college symposium.

Additional Qualities:

- Able to work unsupervised and learns fast with creativity.
- Outspoken, friendly, independent and levelheaded person who likes to make friends.
- Involved in personality development and updating knowledge.

Personal Profile:

Name : S. Praveenraj
Date of Birth : 01 - 08 - 1993
Father's Name : Mr. K. Sethurajan
Sex : Male
Nationality : Indian
Languages Known : English & Tamil
Mobile No. : +91 9566069230
Permanent Address : 27/53, Kamarajar Road, Srinivasapuram,
Thanjavur – 613 009.

DECLARATION:

I hereby declare that the above furnished details are true to the best of my knowledge and belief.

DATE : 15.04.2021

PLACE: Chennai

S.PRAVEENRAJ

BIO-DATA of Dr. S. SEETHARAMAN

1. **Name of the applicant** : Subramania Seetharaman
2. **Date of birth** : July 19, 1948 (nineteenth July, nineteen forty-eight)
- Age : 67 years and 5 months.
- Religion, Caste : Hindu, OC.
- Place of birth : Muvattupuzha, Kerala.
- Mother Tongue : Tamil
3. **Address (residential)** : Dr S. Seetharaman
C – 12/176, Kendriya Vihar II
Poonamalle-Avadi Main Road, Paruthipattu,
Avadi, Chennai – 600 071
Mob: 97102 91781
E-mail: seethe_raman_2000@yahoo.com
4. **Experience:** : 34 years, 4 mths: R & D at CSIR-SERC
5 years, 7 mths: Teaching at Sathyabama University
10 months: Teaching at S.A. Engineering College
! yr. and 3 months: Teaching at Prathyusha Engg.
College
5. **Academic & Professional Qualifications:**

Degree	College/University	Year	Specialisation
Ph.D.	Indian Institute of Technology, Chennai	1990	Offshore Structures
M.E.	Indian Institute of Science, Bangalore.	1973	Structural Engineering
B.Sc (Engg.)	University College of Engineering, Burla Sambalpur University, Orissa	1971	Civil Engineering, University Second Rank

6. **Professional Experience:**

Jan 2016 – till date	Professor, Department of Civil Engg., Prathyusha Engg. College, Tiruvallur-602025
June 2014 – April 2015	Professor, Department of Civil Engineering, S.A. Engineering College, Chennai – 600 077.
August 2008- March 2014	Professor, Department of Civil Engineering, Sathyabama University , Chennai-600 119.
March 1974 - July 2008	CSIR- Structural Engineering Research Centre, Chennai - Superannuated as Scientist Group IV (6) - Head, Steel Structures Group - Project Leader in the area of Steel Structures Group - Chairman, Library Committee
1984 -1986	Deputed to IIT, Madras, for pursuing doctoral studies under study leave
1983	Deputed to erstwhile West Germany under CSIR-DAAD Scientist Exchange Programme for a period of 10 weeks
1973 – 1974	Engineer, Mysore Power Corporation, Bangalore.

7. Membership in Professional bodies:

Life member of

1. Indian Concrete Institute
2. Computer Society of India
3. Indian Society for Non-destructive Testing
4. Institute for Steel Development and Growth (INSDAG)
5. The Institution of Engineers (India)

8. Fields and Sub-fields of Specialisation in the area of Structural Engineering

- Steel Structures (Advanced analysis and design of steel framed structures including connections)
- Field investigation of distressed steel structures and their rehabilitation
- Offshore Structures (Analysis and design, Offshore structural dynamics, Fatigue life prediction, Damage analysis including crack growth studies, Remaining life evaluation and requalification)
- Fatigue and Fracture Mechanics (Offshore and power plant structures)

9. Publications:

Books (Editor)/Chapters in Books/Theses	6
Chapters in Advanced courses	10
Journal papers	34
Seminar/Conference/Workshop papers	53
Technical reports	83
Total	186

10. R & D and consultancy Experience at CSIR-SERC (March 1974 – July 2008)

- Performance tests on high strength deformed bars,
- Optimisation of tower, truss and framed structures,
- Computer-aided analysis and software development in Structural Engineering
- Fatigue and fracture studies on components of offshore platforms, nuclear power plant components, automobile components, rails.
- Advanced design of Steel Structures, cold-formed steel structures, semi-rigid frame behavior
- Revision of IS:800 Code for Steel Structures
- Teaching Resource on Limit State Design of Steel Structures.

11. Guidance for post-graduate and graduate theses

Guided 10 post-graduate and two undergraduate students from various Universities and BITS Pilani.

Doctoral committee member for Ph D students of Anna University. Examiner for ME/MS/Ph D theses for IIT, Anna University and other technical universities.

12. Teaching Experience at Sathyabama University (August 2008 – March 2014) & S.A. Engineering College (June 2014 – April 2015)

Subjects handled for undergraduate students in Civil Engineering.

1. Engineering Mechanics
2. Applied Mechanics (for B. Arch. Course)
3. Design of Reinforced Concrete Structures
4. Design of Prestressed Concrete Structures
5. Design of steel structures
6. Structural Analysis I & II

Subjects handled for Post Graduate students in Structural Engineering

1. Matrix Methods of Structural Analysis
2. Theory of Elasticity and Plasticity
3. Finite Element Analysis
4. Structural Dynamics
5. Stability of Structures

Project Work Guidance at undergraduate and post graduate levels

1. At undergraduate level, guidance for 12 project groups
2. At post graduate level, provided guidance for more than 15 students

Research Guidance for Ph. D. scholars

Four candidates have registered for Ph. D. in Sathyabama University and are presently carrying out research with my guidance

(S. Seetharaman)

Name of the faculty member : M. Monitha
Name of the Department : Civil Engineering
Present Designation : Assistant Professor
Residential Address : 43/270, Sakthi Koil Street, Rajajipuram-II,
 Thiruvallur-602001
Contact Nos. : Landline : Mobile: 9600107081
 Email : monithamurugesan@gmail.com
Gender : Female
Community : SC
PAN Number : CBKPM1703P
Passport Number : Nil
Date of Birth & Age : 17/10/1987 & 33
Date of Joining the present post : 10.10.2012
Scale of Pay : 15600-39100+AGP 6000
Present Basic pay : 19050
Total Salary : 34916



I. Particulars of Educational Qualification: (only completed)

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.E	Geo Informatics	2009	College of Engineering	Anna University	8.1	I class
PG	M.Tech	Environmental Science and Technology	2011	Alagappa College of Technology	Anna University	8.97	I class with Distinction
Ph.D.							

* Enclose copies of certificates duly attested by the faculty member and the Principal as proof.

I.a. Additional Qualification : NIL

i. GATE Score (In case of B.E. / B.Tech.)

ii. NET / SLET (In case of M.C.A. / M.Sc. / M.A.)

II. Title of Ph.D. Thesis * : NIL

III. Faculty in which Ph.D. was awarded : NIL

IV. Academic Experience as on 28th February 2020:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Prathyusha Engineering College	Assistant professor	10.10.12	Till Date	7	4	18
Total				7	4	18

V. Industrial Experience: Nil

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Total							



PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

2017-2018 **Date : 23 September 2017**
DEPARTMENT ACADEMIC ADVISORY COMMITTEE MEMBERS

Committee Designation	Name of the Members	Designation & Profession
Chair Person	Ms.V.R.Kavitha	HOD,Department of CSE
Industry Experts	Dr.Dooreen Robin	Director , CIRF, Chennai
	Mr.Sabarinath J	CEO, Resporo Labs Pvt Ltd.
Academic Experts	Dr.K.S.Uma Devi	Professor School of Computer Science, VIT, Vellore
	Dr.Manivanan	Dean & Professor Mohamed Sathak Engineering College
Technology Experts	Shri.Karthikeyan S P	Scientist – F, Open Source National Informatics Centre, Chennai, Govt. of India
Employer	Mr. Roy Antony Arnold G	Lead - Education, Training and Assessment (ETA), Talent Acquisition / Infosys Technologies Pvt.Ltd
	Mr.Charles Jothibasu	Project Manager, IBM India Pvt. Ltd
Parents	Mr.Arun kumar R F/o. A.Sundar, IV Year	Bank Manager Indian Bank Pvt. Ltd, Porur,Chennai
	Mr.Somasundar T F/o. S.Mahalakshmi	Advocate, High court, Chennai
Distinguished Alumni	Mr.K.G.Sekar ,	HR, Valgenesis pvt Ltd
	Mr.Karthikeyan,	HR,Tata Consultancy Services, Chennai
Students	Mr.Satish V	Final year
	Ms.Kalarasi.S	Third year
	Mr.Magesh R	Second year
Professional Body member	Dr.Thenaarasu N	Member Secertary,ISTE
Local Society Representative	Mr.Kaisrer Leon	Senior Engineer PWD,Tiruvallur Public work department office,Tiruvallur Dist.
Senior from another department	Dr.Mohammed	Professor Mechanical Engineering
Senior Faculty member from the department	Dr.Gopikrishnan M	Professor in CSE IQAC Cordinator
	Dr.S.Padmapriya	Professor in CSE,PEC R & D and Innovation Cell Coordinator, MHRD,
	Dr.P.Chitra,	Prof in CSE,PEC
	Mr.Thamba Meshach W	Associate Professor in CSE Programme coordinator

V.R.KAVITHA

Flat No B3, Brindavan Apartment

4th Street, Kamala Nagar, Mugalivakkam,

Chennai- 600125

Contact: +91 9840388632 /+91 9176772061

Email : vr.kavitha.cs@gmail.com



Seeking a position with a reputed organization to utilize my skills and experience while providing opportunities to amalgamate personal enrichment with knowledge sharing and professional goals while being resourceful, innovative and motivate.

SPOC for Smart India Hackathon from 2018, 2019 & 2020

C2C Platform For On Women Empowerment project is short listed and attended the finals

Reviewer in Journal

- International Journal of Electrical and Computer Engineering (IJECE)
- Indonesian Journal of Electrical Engineering and Computer Science

Patent Filed and published

1. Title : A quality of service Load Balanced connected dominating set Stochastic diffusion search Network backbone for MANET. Application No. : 202041049905, 27.11.2020.
2. Title : A wearable jacket for managing social distancing using Blockchain Technology, Application No.: 202011046428, 6.11. 2020

Journal Publications

- **V.R.Kavitha**, Dr.M.Moorthi, A quality of service load balanced Connected Dominating Set – Stochastic Diffusion Search (CDS–SDS) network backbone for MANET, Computer Networks, vol.151, pp: 124-131.
- **V.R.Kavitha**, Dr.M.Moorthi, A quality of service load balanced Stochastic diffusion search - TABU search network backbone for MANET, International Journal of Engineering & Technology, vol-7 issue-4, PP: 5895-5899.

- **V.R.Kavitha**, Dr.M.Moorthi, A survey on connected dominating set construction algorithm for Mobile Adhoc Networks, International Journal of scientific Research and Review, vol.8 & Issue.4, pp: 678-698.
- **V.R.Kavitha**, S.R.Krithika , M.Tejaswini , N.Nihitha “Income Tax Fraud Detection Using AI”, Journal of critical reviews, vol 7, issue 19, pp 119-124, 2020, doi: [10.31838/jcr.07.16.16](https://doi.org/10.31838/jcr.07.16.16).
- DivyaBharathi.R, Ellakya.S, **V.R.Kavitha**, On Spot Accident Information and Insurance Dispute Resolution , Int. Jnl. Of Advanced Networking & Applications (IJANA) - Special Issue 2019, special issue-2019, pp: 205-207.
- P.Arunapriya, **V.R.Kavitha**, Security and Privacy preservation scheme of face identification and resolution framework using FOG computing in internet of things using python, Journal of emerging Technologies and Innovative Research, vol-6, issue-4, 2019.
- E. Prawin Raja, **Kavitha V R**, Creating a Machine Learning based Prediction for the amount of water Resources and Electrical Energy to be spent on a Hydroponics system, 2018/4
- S Saranya, M Revathi, **VR Kavitha**, Construction of K-Connected Dominating Set Algorithm for Connecting the Wireless Nodes, International Journal of Engineering Science, 2017/3
- K. Sornalatha, **V.R.Kavitha**, IoT based smart museum using Bluetooth Low Energy”, IEEE Xplore, Digital Library.
- S Gayathri, **VR Kavitha**, “Web Usage Mining Based On Request Dependency Graph”, International Research Journal of Engineering and Technology (IRJET). Vol 4, issue 4, pp 2120 – 2125, 2017.
- Reema Rose S, **V.R.Kavitha** , “An Efficient Location Dependent System Based On Spatial Sky Line Queries”, International Journal of Soft Computing and Engineering (IJSCE), Volume-1, Issue-ETIC2011, January 2012.
- **V.R.kavitha**, " Sky Line Querying For Location Based Services", CiiT Journal.
- Bhargavi, **V.R.Kavitha**, C2C Platform For On Women Empowerment, International Journal Of Creative Research Thoughts (IJCRT), Issue No. -2 Volume No. -6, pp: 518-521, 2018.
- **V.R.Kavitha**, CHATBOT For Train Ticket Booking Enquiries, International Journal of Engineering Science and Computing, Volume 8 Issue No.4, pp: 17045-17047, 2017.
- Selava Ganapathy, **V.R.Kavitha**, CHATBOT Implementation Using Mobile Application, International Journal Of Creative Research Thoughts (IJCRT), Issue No. -2 Volume No. -6, pp: 273-275, 2017.

- K.Sornalatha, **V.R.Kavitha**, A SMART MUSEUM USING INTERNET OF THINGS, International Research Journal of Engineering and Technology (IRJET), Volume: 03 Issue: 10, 2016, pp: 750-753.
- T.SANDHYA, **V.R.Kavitha**, Estimation of Solar Radiation with Various Climatic Parameters based on Neural Network, International Journal of Emerging Technology in Computer Science and Electronics, 0976-1353, 2015.
- T.SANDHYA, **V.R.Kavitha**, “A Survey on Predicting Solar Radiation based on Neural Networks, International Journal of Engineering Research and Technology, 2278-0181, Vol. 3 Issue 9, September- 2014.
- T.SANDHYA, **V.R.Kavitha**, “A Neural Network Based Approach to Predict Solar Radiation and Analyze the Suitability of Crops Based on Atmospheric Conditions”, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), Volume 4 Issue 5, May 2015.
- Mary Leema Rose, **V.R.Kavitha**, “A Detailed Analysis on Secured Approach to Secret Key Extraction from Wireless Signal Strength Preserving Authentication and Security”, International Journal of Emerging Research in Management and Technology, 2278-9359
- Reeba Rose S, **V.R.Kavitha**, “An Efficient Location Dependent System Based On Spatial Sky Line Queries”, International Journal Of Soft Computing And Engineering, 2231-2307

National Conference publication

1. Divya Bharathi.R, Ellakya. S, **V.R.Kavitha**, “On the Spot Accident Information and Insurance dispute Resolution”, 6th National Conference On Advanced Computing Technologies -NCACT'19, Velammal Engineering College.
2. A.Mary Leema Rosea, **V.R.Kavitha**, “An Analysis on Pros and Cons over RSS Based Secret Key Extraction in Real Environments”, IETE 45th Mid Term Symposium on Broadband-Technologies and Services for Rural India MTS 14, 978-1-941505-03-8
3. A. Mary Leema Rose, **V.R.Kavitha**, “Secure Leader Election for Efficient Routing in MANET”, S PARC@2013.
4. S. Reeba Rose, **V.R.Kavitha**, “Sky Line Querying For Location Based Services”, Emerging Trends in Informatics and computing ETIC -2011, 978-1-4675-0748-6

5. **V.R.Kavitha**, “An Efficient Location Dependent Based On Novel Queries”, National Conference on Futuristic and advanced computing technologies

International Conference

1. **V.R.Kavitha**, “Nearest Location Surfing in Spatial Database Using Baseline Algorithm”, International Conference on Informatics Computers and Networks.
2. S.Gayathri, R.Monisa, **V.R.Kavitha**, “Predictive Analysis on Medicine and Doctor in Hospital”, LEADER-2019, International Conference in Embedded Systems Automotive Engineering Disaster Management Evolutionary Computing and Renewable Energy, Arunai College of Engineering.
3. T.Santhya , **V.R.Kavitha**, “Estimation of Solar Radiation with Various Climatic Parameters based on Neural Network”, International conference on Advances in emerging Technology 2015(ICAET 2015)

Books Authored

1. V.R.Kavitha, "Data warehousing and data mining", Magnus Publication, Chennai, 2012.
2. V.R.Kavitha, “ Computer Networks”, Magnus Publication, Chennai , 2013.
3. V.R.Kavitha, "Grid Computing", Magnus Publication, Chennai, 2011.
4. V.R.Kavitha, “Grid and cloud computing” Magnus Publication, Chennai, 2016.
5. V.R.Kavitha, "Software Engineering", Magnus Publication, Chennai, 2009.
6. V.R.Kavitha, “ Software Engineering”, Magnus Publication, Chennai, 2018.
7. V.R.Kavitha, “ Object Oriented Analysis and Design”, Magnus Publication, Chennai, 2016.
8. V.R.Kavitha, “ Object Oriented Analysis and Design”, Magnus Publication, Chennai, 2019.
9. V.R.Kavitha, "Component Based Technology", Magnus Publication, Chennai, 2010.
10. V.R.kavitha, "C# and .NET Framework", Magnus Publication, Chennai, 2007.
11. V.R.Kavitha, "Cloud Computing", Magnus Publication, Chennai, 2020 (R2017).

Short Term courses Organized

1. Organized symposium every year in Prathyusha Engineering College.
2. Conducted Hackathon in Prathyusha Engineering College.
3. Organized FDP on Digital Principles and system design in Prathyusha Engineering College on 15.12.2014 to 21.12.2014

4. Organized CSIR sponsored seminar on E-Waste Management and Recycling in Prathyusha Engineering College on 4.1.2013.

Certification

JAVA Certification

NPTEL Courses Completed

- Python programming
- Introduction to Machine Learning (IITKGP)
- Deep Learning (IITKGP)

Subjects Taught at Under Graduate and Post Graduate Level

1. Artificial Intelligence
2. Information Retrieval
3. C# and .NET Framework
4. Data Warehousing and mining
5. Network Programming and Management
6. Fundamentals of Computing
7. Programming Paradigm
8. Software Quality Assurance
9. Mobile Computing
10. Advanced System Software
11. Advanced Java Programming
12. Internet Programming
13. Object Oriented Analysis and Design
14. Computer Networks
15. Multimedia
16. Microprocessors
17. Data Structures
18. Compiler Design
19. Operating System
20. Environmental Science and Engineering
21. Software Engineering

Membership in Professional Bodies

1. Member of Computer Society of India
2. Member of ISTE
3. Member of IEEE

EDUCATIONAL QUALIFICATION

Category	Name of the Degree	Specialization / Branch	Year of Passing	Name of the College	Name of the University	% of Marks / Grades Obtained	Class Obtained
UG	B.Sc.	Chemistry	1991	St.Mary's Arts and Science College	Madurai Kamaraj University	78%	First Class
PG	M.C.A	Computer Applications	1996	Sri Sarada College of Arts and Science	Manonmani am Sundaranar University	68%	First Class VII University Rank Holder
	M.E.	CSE	2006	Rajalakshmi Engg. College,	Anna University	80%	FWD
Doctorate	Ph.D.	Mobile Adhoc N/W	22.07. 20	Saveetha Engg. college	Anna University		

PROFESSIONAL EXPERIENCE

Name of the College / Industrial	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
PEC	Associate professor	01.08.2016	Till date	3	4	
PITAM	Asst.professor	22.09.2010	31.07.2016	5	10	9
APOLLO ENGINEERING COLLEGE	Asst.professor	22.3.2010	18.9.2010		6	
R.M.K. ENGINEERING COLLEGE	Sr.Lecturer	3.7.2006	9.4.2009	2	9	
MADHA ENGINEERING	Sr.Lecturer	3.6.2002	23.05.2006	3	11	20

COLLEGE						
L.N.V. COLLEGE OF ARTS AND SCIENCE	Lecturer	3.6.1996	30.5.2002	5	11	27
Total				22	4	26

PERSONAL PROFILE

Date of Birth : 31st May 1971

Husband's Name : S. Bala Krishnan

Gender : Female

Marital Status : Married

Nationality : Indian

Personal Strengths : Strong subject knowledge, good in programming skills, strong analytical and problem solving skills and committed team player.

Dr. V.R.KAVITHA

Contact

www.linkedin.com/in/dr-doreen-robin-88b31026 (LinkedIn)

Top Skills

Research
Java
Microsoft Office

Languages

French

Publications

Monitoring the Keystroke Activity of a Target Process in Linux

ONTO-KMS-TEC: An Ontology-Based Knowledge Management Framework to Teach Engineering Courses

A Novel Smart Home System based on IoT using Raspberry Pi and Android Application

Grid Scheduling using Improved Particle Swarm Optimization with Digital Pheromones

An Efficient Job Scheduling in Isometric HPCLOUD using ZBLA Optimisation

Dr. Doreen Robin

Director, CIRF & Administrator, BMHSS.
India

Summary

Dr. D. Doreen Hephzibah Miriam is currently the Founder Director at Computational Intelligence Research Foundation. She received her B.Tech in Information Technology from Madras University, Chennai, M.E in Computer Science and Engineering from Anna University, Chennai and Ph.D in Computer Science and Engineering from Anna University. Her research interests include Parallel and Distributed computing, Peer to Peer computing, Grid Computing, Cloud Computing and Big Data Analytics. Previous positions include Professor at Loyola ICAM College of Engineering and Technology in the Department of Information Technology, Assistant professor at the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Chennai and Teaching Research Associate at the Department of Computer Science , Anna University, Chennai. She has published about 30 papers in International and National Journals and Conferences. She is a life member of ISTE. She is a reviewer for Computer and Electrical Engineering Journal and Future Generation Computer Science journal.

Dr D Doreen is working as an administrator at Bethel Matriculation and Hr Sec School, Chennai 23. Her work role includes staff recruitment, organising Annual Day, Sports Day and defining the work principles

Dr D Doreen is a worship leader at Bethel Assemblies India, Chennai -23. She has sung in the album Siruvar Ganagal for about 15 volumes, a production of Concern for Children, Chennai 23.

Experience

Computational Intelligence Research Foundation
Founder & Director
May 2017 - Present (3 years 9 months)
Chennai, Tamil Nadu, India

CIRF is a Research and Development company in the domain of Information and Communication Technology . Currently opening are for Summer Internship in Mobile and Web Application. Certification course on Hadoop & Big Data. Website: www.cirf.co.in

Bethel Matric Hr Sec School

Administrator

May 2005 - Present (15 years 9 months)

Ayanavaram, Chennai

Loyola-ICAM College of Engineering and Technology

Professor, Department of Information Technology

June 2015 - April 2017 (1 year 11 months)

Loyola ICAM College of Engineering and Technology (LICET)

Professor& Head, Dept of Information Technology

July 2012 - May 2015 (2 years 11 months)

Nungambakkam, Chennai

Department of Information Technology

Sri Venkateswara College of Engineering

Assistant Professor Grade III

June 2011 - May 2012 (1 year)

Chennai,India

DCSE, Anna university

Research Scholar

January 2007 - May 2011 (4 years 5 months)

Chennai, India

SSN College of Engineering

Lecturer

May 2006 - December 2006 (8 months)

Education

Anna University

Ph D, Grid Computing · (2007 - 2011)

Bethel Matriculation Hr Sec School, Chennai -23

X and XII, Science · (1985 - 2000)

Contact

shabarinath@resprolabs.in

www.linkedin.com/in/shabarinath-premlal-51b600144 (LinkedIn)
resprolabs.in (Company)

Top Skills

Python
Image Processing
Intel

Certifications

Fundamentals of Digital Marketing

shabarinath Premlal

Founder, ResPro Labs
Chennai

Summary

Embedded engineering graduate, having a decade of experience in embedded hardware board design engineering / IoT Solution. Served in leadership positions for Automation projects with several Industry and Institutions. Experienced visioning, costing and executing projects from inception to launch and is able to provide a structured framework to analyse complex situations into simple strategic imperatives.

Experience

ResPro Labs
Founder, CEO
April 2013 - Present (7 years 10 months)
India
AR, VR, ML, BC, DL, IoT, AI

Tata Consultancy Services
System Engineer
August 2010 - March 2013 (2 years 8 months)
Chennai, Tamil Nadu, India
Software Developer

Education

Anna University
Master of Engineering - MEng, embedded system · (2008 - 2010)

Magna College of Engineering
Bachelor of Engineering - BE, Electrical, Electronics and Communications Engineering · (2003 - 2007)

Contact

www.linkedin.com/in/umadevi-k-s-94aa9027 (LinkedIn)

Top Skills

Research
NS-2
Matlab

Languages

Telugu
Tamil
English

Umadevi K.S

Doctor of Philosophy (Ph.D.) at Vellore Institute of Technology
Tamil Nadu

Summary

I started my career as a lecturer and presently an experienced Associate Professor with a demonstrated history of working in the education sector. I continue to enjoy my successful and creative journey into the arena of teaching and researching in Network and Security and always eager to share my rich experiences. With all that I have a passion to research as well as educate and yearning to grow. I am skilled in C, C++, Python, OMNeT++, NS-2, NS-3, Remix, CloudSim, Matlab, Contiki, Node.js, OpenMP, MPI, Linux, Informatica PowerCenter and so on.

My primary research interests are in the field of wireless network protocols as well as security and distributed systems. My current research interest includes 5G, Cognitive Radio Networks, Cloud Computing, Network Function Virtualization, Software defined networking, Internet of Things, Machine Learning, Cyber Security, Blockchain and Authentication mechanisms. I am an active member of several professional associations, journal editorial boards, national and international conferences.

I have authored and co-authored over 30+ publications in peer reviewed journals and delivered professional presentations at regional, national and international workshops as well as conferences. The impacts of my publications and presentations are reflected in academics, research and practices.

Experience

Vellore Institute of Technology
Associate Professor
September 2016 - Present (4 years 5 months)
Vellore Area, India

VIT University

10 years 10 months

Assistant Professor (Sr)

November 2009 - September 2016 (6 years 11 months)

Vellore Area, India

Assistant Professor

December 2005 - October 2009 (3 years 11 months)

Vellore Area, India

R.M.K Engineering College

Lecturer

June 2004 - September 2005 (1 year 4 months)

Education

Vellore Institute of Technology

Doctor of Philosophy (Ph.D.), Wireless Personal Area Network · (2009 - 2016)

Annamalai University

Master of Engineering (M.E.), Computer Science and
Engineering · (2002 - 2004)

R.M.K Engineering College

Bachelor of Engineering (B.E.), Computer Science and
Engineering · (1998 - 2002)

Vellalar Matriculation Higher Secondary School, Erode.

Higher Secondary, Maths, Physics, Chemistry, Computer
Science · (1996 - 1998)

Contact

www.linkedin.com/in/dr-manivannan-kaliappan-15576512
(LinkedIn)

Top Skills

Personnel Management

Research

Soft Skills

Dr MANIVANNAN KALIAPPAN

Vice-President (Industry& Academia Relations), IFEES Secretary/
Treasurer-Global Engineering Dean's Council-(GEDC), Chair-GEDC,
India Chapter
Chennai

Summary

- 32+ years of teaching experience in which 15+years of academic administration
- An astute performer with proven expertise in devising and effectuating policies aimed at ensuring smooth running of operations and execution of academic, research and administration tasks within the professional college premises, possesses potential for distinctive achievement through strategy, innovation, implementation and control.
- Undertaken several prestigious research and consultancy assignments. Hands on experience in guiding B.E.,M.E.,M.C.A students and producing excellent results.
- Esteemed member of several professional organizations, 25 publications to his credit. Conducted many International / National level seminars/ conferences/ workshops.
- A stickler for quality, team builder to the core and a natural motivator with perseverance and integrity. Commands excellent communication skills that have been honed through interacting with people at various levels.
- PhD (Theoretical Fluid Mechanics) with 25 years rich cross-functional experience. Expertise of Theoretical computer science, Theoretical Fluid Mechanics ,Fuzzy Logic and Transform Techniques.

Specialties: # A person with an excellent experience in Policy Planning in Education, Curriculum Development, Human Resource Management, Innovative Design of Motivational Techniques and Resource Management

Experience

Mohamed Sathak Group of Institutions
CEO

September 2017 - August 2020 (3 years)

Mohamed Sathak A.J.College Of Engineering

Dean

September 2017 - August 2020 (3 years)

RMK ENGINEERING COLLEGE, CHENNAI

Professor -Planning & Development/ Information Technology

September 2010 - August 2017 (7 years)

Research & Development,Consultancy,Collobarative Research,MOU with Higher Educational Institutions within and outside india,looking for faculty exchange and students programme.

DEAN-Planning & Development

Dean - Planning & Development/Prof &Head-CA

March 2009 - August 2010 (1 year 6 months)

VMKV Engineering College,SALEM

Adhiparasakthi Engg College

Dean -Planning & Development/Professor &Head -CA

September 2008 - February 2009 (6 months)

In-charge for NBA.

Established Research Projects in the Department of Civil, Electronics and Chemistry.

In-charge - Planning and Monitoring Board for the College.

Established Entrepreneurship Development Cell (EDC)

Co-ordinator for Placement & Training Cell.

Established Rural Training Programmes through District Rural Employment Scheme, Kanchipuram District and generated revenue for the college.

Jayam CET,Dharmapuri

Professor & Head-Computer Applications/Planning & Development

May 2007 - September 2008 (1 year 5 months)

Administering the Department of Computer Applications

Working as a Head for the Department of Planning and Development.

Coordinating R&D activities and establishing Entrepreneurship Development Cell.

Coordinator for NBA-AICTE.

Coordinator for Placement and Training cell.

RMK ENGINEERING COLLEGE, CHENNAI

Professor & Head -Computer Applications/Planning & Development

January 2005 - May 2007 (2 years 5 months)

MNMJain Engineering College

AP & Co-ordinator III Cell /Placement & Training

July 2004 - January 2005 (7 months)

Chennai

Sri Venkateswara College of Engineering

LECTURER, SL, AP

July 1988 - June 2004 (16 years)

Education

University of Madras, Chennai

B.Sc., M.Sc., M.Phil., Ph.D, Mathematics, Applicable

Sciences (Interdisciplinary), Mathematics, Theoretical Fluid

Mechanics · (1979 - 1987)

Bharath Institute Of Science And Technology

M.Tech , Computer Science and Engineering · (2010 - 2012)

University of Madras

Ph.D, Theoretical Fluid Mechanics · (2003 - 2008)

Contact

www.linkedin.com/in/karthikeyan-sp-1393006 (LinkedIn)
www.india.gov.in (Other)

Top Skills

GIS
Remote Sensing
Geomatics

Languages

Malayalam
Tamil (Native or Bilingual)
English (Full Professional)

Publications

Portability of Mobile Applications using PhoneGap - A case study

Karthikeyan SP

Sr. Technical Director, MeITY at NIC
Chennai

Summary

Experienced Technical Director with a demonstrated history of working in the management consulting industry. Skilled in Cartography, Open Source Software, ArcGIS, PostgreSQL, and Requirements Analysis. Strong information technology professional with a M.Tech focused in Remote Sensing from College of Engineering Guindy, Chennai.

Experience

NIC

Sr. Technical Director at MeITY
July 2016 - Present (4 years 7 months)
Chennai Area, India

MOCIT

Technical Director
June 2010 - June 2016 (6 years 1 month)

Ministry of Communications and Information Technology (MCIT),
India

Sr. Scientist
1996 - 2007 (11 years)
New Delhi Area, India

Worked for the Remote Sensing and GIS Division

Project Management

GIS Applications Design & Development
Image Processing based Applications

Anna University Chennai
Senior Research Fellow
1993 - 1996 (3 years)

NEYVELI LIGNITE CORPORATION

Site Supervisor (Land Reclamation)

1990 - 1991 (1 year)

Site Supervisor (Land Reclamation)

Dump Development

Materials Supply monitoring

Allocation of Manpower

Report Generation

Education

Anna University

Master of Technology (MTech), Remote Sensing · (1991 - 1993)

Contact

www.linkedin.com/in/arnoldindia
(LinkedIn)

engaltamil.wordpress.com/ (Blog)
labprograms.wordpress.com/
(Blog)

Top Skills

Java

Python

Agile Scrum

Languages

Tamil (Native or Bilingual)

English (Professional Working)

Certifications

Introduction to User Experience
Design

Blockchain Business Models

Agile Meets Design Thinking

BTA Certified Blockchain Solution
Architect

Supply Chain Finance and
Blockchain Technology
Specialization

Honors-Awards

Insta Award

Team Award - Best Business
Enabler Function

Team Award - Best Business
Enabler Function

Tech Champion

Insta Award

Roy Antony Arnold G

Certified Blockchain Solution Architect, Agile Coach, Industry
Academia Collaboration Specialist and Learner

Chengalpattu

Summary

To have a career in training & talent management and consultancy where i can utilize the spectrum of skills acquired from my education and work experience in technical training, content preparation and consultancy services.

- * 15+ years of training and consultancy experience in both IT organizations and academia
- * Delivered training programs for the competency development of employees on need basis
- * Anchored knowledge management activities within the unit and the organization levels
- * Offered training programs on #Blockchain, #Hyperledger, #Corda, #Agile Methodology, #SCRUM, #DevOps, Continuous Integration, Java, C#, #Python, MongoDB, Android, VBA & Macros, and Scripting languages
- * Sustained industry-academia collaboration with leading engineering colleges in Tamilnadu, Andhra Pradesh & Telangana.
- * Experience in designing and development of training materials and e-learning modules
- * Managed Mooshak and Moodle servers to conduct assessment
- * Member in Board of Studies and academic council of various leading engineering colleges in Tamilnadu.
- * Delivered and organized various Virtual Instructor Led Training programs through webinars, video conferences and e-learning platforms
- * Conducted workshops for the faculty members of various engineering colleges on learning and teaching Styles, Bloom's taxonomy, Kolb's learning cycle, active learning and time management
- * Anchored various programming contests for employees, students and faculty members

Experience

Infosys

9 years 10 months

Lead - Education, Training and Assessment (ETA), Talent Acquisition and Fulfillment Function (TAFF)

October 2014 - Present (6 years 4 months)

Mahindra World City, Chengalpet

Key Responsibilities:

Freshers training before and after recruitment, on-job training based on requirement,

Course Design, Course Development and Maintenance, Course Delivery, Feedback & Analysis, Assessments Development , Conduct Assessments, Data Management, Program Governance, Knowledge Management, Technology Solution Development & Maintenance, Conducting Research, Dissemination of Research Results, Academic / Professional Body Relationships, Event Management and Campus Connect for Tamilnadu, Andhra Pradesh and Telangana.

Senior Member - Education & Research

April 2011 - September 2014 (3 years 6 months)

Mahindra World City, Chengalpet

Key Responsibilities:

Freshers training before and after recruitment, on-job training based on requirement,

Course Design, Course Development and Maintenance, Course Delivery, Feedback & Analysis, Assessments Development , Conduct Assessments, Knowledge Management, Technology Solution Development & Maintenance, Conducting Research, Dissemination of Research Results, Academic / Professional Body Relationships, Event Management and Campus Connect for Tamilnadu.

Dr. Mahalingam College of Engineering and Technology

Assistant Professor

February 2011 - April 2011 (3 months)

Pollachi, Coimbatore Dist.

Software Quality Management

Trisaan Solutions

Entrepreneur

August 2010 - January 2011 (6 months)

Tisaiyanvilai, Tirunelveli

Application Projects using VB.NET

Research Projects using IDL and MATLAB

Infant Jesus College of Engineering

Lecturer

July 2009 - July 2010 (1 year 1 month)

Tuticorin

Object Oriented Programming

Design and Analysis of Algorithms

Student Branch Counselor for CSI Student Chapter

Photon Solutions

Developer (Part-Time)

July 2009 - December 2009 (6 months)

Tirunelveli

Application Projects using Java, PHP, VB and .NET

Einstein College of Engineering

Senior Lecturer

June 2008 - June 2009 (1 year 1 month)

Tirunelveli

C# and .NET Programming

Computer Networks

Advanced Java Programming

Operating Systems

Panimalar Engineering College

Lecturer

July 2007 - May 2008 (11 months)

Chennai

Data Structures

Business Processes

Middleware Technologies

Arunai Engineering College

Teaching Associate

August 2006 - May 2007 (10 months)

Tiruvannamalai

Fundamentals of Computing

Infosys Campus Connect - Algorithms, RDBMS

Computer Applications to Chemical Engineering
C Training Camp

Einstein College of Engineering

Lecturer

May 2004 - July 2005 (1 year 3 months)

Tirunelveli

Fundamentals of Computer Programming

Data Structures

Markwell Systems

Network Engineer

June 2002 - May 2004 (2 years)

Setting LAN Accessibility

Internet Proxies

SMTP and FTP

Dhanalakshmi Hr. Sec. School

Teacher

July 1999 - May 2002 (2 years 11 months)

Taught Physics for XI and XII Std

Taught Computer Science for XI and XII Std

Taught Science subject for IX Std

Computer Practice Sessions from III Std to IX Std Students

In-Charge for Discipline Committee

Member in School Sports Committee

Organized Science Quizzes

Creative Software Solution

Faculty (Part-Time)

January 1999 - June 1999 (6 months)

Taught Foxpro, MS-Office, and C

Education

Arunai Engineering College

Master of Engineering, Computer Science & Engineering · (2005 - 2007)

Annamalai University

Master of Science - MS, Applied Psychology · (2018 - 2020)

Alagappa University, Alagappa Nagar, Karaikudi
Master of Business Administration (MBA), Education
Management · (2013 - 2015)

Bharathidasan University, Tiruchirappalli
MCA, Computer Applications · (1999 - 2002)

Loyola Institute Of Business Administration
PGDCA, Computer Application · (1998 - 1999)

Contact

www.linkedin.com/in/chmathew
(LinkedIn)

Top Skills

Marketing Campaign Planning
Marketing Program Management
Brand Management

Languages

English (Full Professional)

Certifications

Pragmatic Marketing Certified

Charles Jothibasu

Summary

More than 18 years of total experience in Advertising, Brand Management, Product Management, Channel Marketing & Campaign Management in industries across IT, Consumer Products & Advertising

Pragmatic Institute certified marketer for Foundations, Market & Launch modules in 2019

Expert in Inbound Marketing and customer journey design. Certified by Hubspot in 2016 for Inbound Marketing

Loves to bring the agility, emotions and learnings from consumer marketing to B2b marketing

Comprehensive IT Marketing experience in IBM that includes Analytics, Cloud and Services

Nominated to the IBM Worldwide Leadership Development Program 2011 batch and was part of the winning team that worked on the project - Developing a Digital strategy for the Geo Expansion markets of ASEAN

Runner up in Q3, 2015 for API Management Campaign in IBM World Wide Systems Marketing Innovation Award

Ability to bring innovative content into every campaign to raise effectiveness with the customer

I can confidently state that my unique strength as a marketer is in developing a strategy, developing the marketing message and in selecting the medium. My experience in each of these areas make me a well rounded professional.

Experience

IBM Services

Project Manager - Resiliency Services, World Wide

December 2018 - till date

Bengaluru Area, India

Project marketing Manager involved with marketing strategy that includes developing a business plan, competitive analysis, product launches and working with team members to develop campaign narrative, campaign design and execution

IBM Cloud

4 years 3 months

Product Marketing Lead, Business Analytics, Asia Pacific

December 2016 - November 2018 (2 years)

Bangalore

Leads the portfolio strategy along with supervision and monitoring of campaigns for 3 solutions viz, Watson Analytics, Cognos Analytics & Financial and Operational Performance Management

Product Marketing Manager - Hybrid Cloud, India / South Asia

April 2015 - November 2016 (1 year 8 months)

Handles Marketing Strategy & Execution for the largest pillar by way of revenue in IBM Cloud.

Runner up of the IBM Worldwide Systems Marketing Innovation Award in Q3, 2015 for the API Management Campaign in India / South Asia

Product Marketing Manager - Strategy & Marketing, Info Management & Big Data, India / South Asia

September 2014 - March 2015 (7 months)

Bangalore

- Responsibilities included identifying the right value proposition for each market segment

- Working alongside the business identifying gaps, suggesting remedial action and executing them
- Overseeing the execution and lead management of marketing campaigns

IBM Services

Marketing Program Manager - Cloud and Big Data & Analytics, India / South Asia

March 2012 - August 2014 (2 years 6 months)

Bangalore India

Designing and Execution of integrated campaigns that involved Keyword Search, Search Engine optimization, Social Media Marketing, Webinars and Events

Is currently the key integration resource bringing together IBM's software & services business to jointly market Big Data & Analytics

Have driven \$500 mn of pipeline from the various campaigns on the program. This includes net new and assisted opportunities

Was also the Marketing Program Lead for Business Continuity & Resiliency Services till Q4, 2012

IBM Cloud

Marketing Program Manager - Information Management & Business Analytics, India / South Asia

June 2008 - February 2012 (3 years 9 months)

Bangalore, India

Business Analytics & optimization program lead, handling campaigns of Information Management Software & Business Analytics

Demand Program lead on Oracle Sun Attack in ISA. Ideated and launched very innovative internal and external campaigns that saw high visibility and response

Close monitoring of pipeline and activities have resulted in better yield for campaigns.

Executed the first signature event in ISA with Information on Demand India 2011 making the theme of the event come alive.

Saatchi & Saatchi

Client Services Director
February 2008 - June 2008 (5 months)
Bangalore, India

Heading a team that services Kanan Devan & Gemini from Tata Tea,
Bangalore Mirror from Times of India and AOL

Jyothy Laboratories Limited
Deputy Manager - Marketing Services
December 2005 - December 2007 (2 years 1 month)
Bangalore, India

Handled the preparatory work for the launch of a new brand of Feminine
Hygiene & Baby Hygiene products in India
Initiated market estimation for the above mentioned project
Played a key role in developing a national research design for the Feminine
Hygiene project
Identified key barriers in brand shift in this sensitive category
Identified key life & product insights for communicating a new brand

Involved with the re-launch of Jeeva ayurvedic soaps in Kerala
Developing brand architecture by analyzing all past research done on the
category
Short-listed variants by understanding insights from various geographies
Identified the communication idea
Was able to make the management buy into below the line initiatives on all
brands of the company which was a first

Saatchi & Saatchi
Group Account Manager
September 2003 - November 2005 (2 years 3 months)
Bangalore, India

Serviced Mr. Bean, a brand from Tata Coffee, Kanan Devan and Gemini, tea
brands from Tata Tea and IFB home appliances
Undertook all brand strategy preparatory work for the re-launch of Mr. Bean
and Gemini tea
Led the agency team on all consumer research towards developing launch
creative
Involved with formulating the brand architecture for the Mr. Bean re-launch
Involved with market activation programmes for all brands

Also worked as Account Supervisor and Account Manager in this firm during
this period

Lowe Lintas

Brand Services Manager

August 2000 - August 2003 (3 years 1 month)

Bangalore, India

Serviced Titan Industries Ltd on their brands Fastrack, Sonata & Dash and also serviced Arvind Brands Ltd on brands Flying Machine, Ruggers & Lee Kids

Brought out a key proposition using a simple insight for the re-launch of Flying Machine whose creative got into the Lowe Worldwide portfolio

Generated several event ideas for product launches and promotions that were well received by the clients

The 3 Titan brands belonging to 3 varied segments of the watch market, provided for good understanding of the youth, fashion, kids and the Indian rural market

Stark Communications Private Limited

Account Executive

June 1999 - July 2000 (1 year 2 months)

Trivandrum, India

Serviced Technopark, Trivandrum, India's first software technology park along with other IT clients present there

Contact

www.linkedin.com/in/sekar-k-g-a8051015 (LinkedIn)

Top Skills

Lead Generation

Marketing

CRM

Languages

English (Limited Working)

Tamil (Native or Bilingual)

Japanese (Elementary)

Sekar K G

Senior Marketing Associate at ValGenesis, Inc - Paperless Validation Software

Chennai

Summary

Experienced Senior Marketing Associate with a demonstrated history of working in the computer software industry. Skilled in Sales, Market Research, Management, Pre-sales, and HTML. Strong marketing professional with a B.E focused in Computer science and engineering from Prathyusha Institute of Technology and Management.

Experience

ValGenesis, Inc - Paperless Validation Software

5 years 8 months

Senior Marketing Associate (Grade - 1)

July 2019 - Present (1 year 7 months)

Chennai Area, India

Senior Lead Generation Executive

June 2018 - June 2019 (1 year 1 month)

Chennai Area, India

Lead Generation Executive

June 2015 - May 2018 (3 years)

Chennai Area, India

Changepond Technologies

Lead Generation

May 2013 - May 2015 (2 years 1 month)

VIP housing and Properties

Senior Marketing Executive

August 2012 - November 2012 (4 months)

Generated new development deals for a real estate development company that focuses on multi-family residential projects, including real-estate market analysis.

Selling Plots, Flats and Villas

Skv Financial Services (Franchise of Hdfc Bank)
Marketing Executive & Data Entry Operator
July 2010 - November 2010 (5 months)

ABC India Club Corporation Pvt Ltd
Sales and Marketing Executive
January 2010 - March 2010 (3 months)

Education

Prathyusha Institute of Technology and Management
B.E, Computer science and engineering · (2005 - 2009)

P.A.K Palanisamy higher secondary school
HSC, Maths, Physics, chemistry, computer science · (1998 - 2005)

Trinity College of London

Contact

www.linkedin.com/in/karthikeyan-ts-995ab262 (LinkedIn)

Top Skills

SQL

J2EE Web Services

Core Java

Karthikeyan T S

Senior Tech Lead Tata Consultancy Services
Chennai

Experience

Tata Consultancy Services
Associate Consultant
November 2008 - Present (12 years 3 months)
Chennai Area, India

Education

vivekananda matric hr sec school

Dr. Thenaarasu N

Member Secretary,

ISTE

Professor July 2006 - July 2011 (5 years 1 month) Puducherry.

Bharathiar College of Engineering and Technology 6 years 7 months Professor April 2004 - June 2006 (2 years 3 months)

Assistant Professor December 1999 - March 2004 (4 years 4 months)

AVC College of Engineering 2 years 2 months Assistant Professor July 1999 - November 1999 (5 months)

Senior Lecturer October 1997 - June 1999 (1 year 9 months)

Anjalai Ammal Mahalingam Engineering College Senior Lecturer July 1996 - August 1997 (1 year 2 months)

Phone number:9788675632

Mail – id:thenaarasu.n@gmail.com

Mr. kaisrer leon

Mail id:leonkaisrer5698@gmail.com

Mobile number:8763420670

Summary

Experienced Human Resource professional in the areas of Recruitment, Talent Acquisition, Strategic Recruitment, Sourcing strategy, Client Management, Cost Effective Hiring, Social Media Recruiting, Competency Mapping, Benefit Negotiations and Vendor Management

Experience Quests Corp Limited Recruitment Specialist November 2011 - July 2020
(8 years 9 months) Chennai Area, India

- * Discussing requirements with the Hiring Manager & laying down recruitment strategies for Permanent, Contract and Contract-To-Hire positions.
- * Drafting Job Descriptions, distributing requirements and staying on top of it & ensuring the desired numbers are achieved within deadlines.
- * Understanding the Criticality of the requirement and setting a deadline to meet the same
- * Identify future talent needs and proactively recruiting and sourcing people from different backgrounds with diverse skills across different levels;
- * Keep a track of the performance by creating reports & metrics such as hiring reports, Interview to Offer ratio, Offer to joining ratio.
- * Acquiring the New Vendors and effectively handling them.
- * Research on Boolean & Keyword Sourcing in Job boards and Social Media,
- * Lay down research activity for a prospective client & create final presentation.
- * Recruiter Database, Google search, Forums

Dr. P. Mohamed Ali

#76, 'T'Block, 3rd Main Road, Anna Nagar, Chennai-600 040, India
Tel.: 0091 44 45500271 (Res.) 0091 9791005798 (Mob)
Email: pmdali@yahoo.com



Objectives

A challenging professional career in a success oriented organization which will provide a suitable platform to utilize my skills and competencies in a mutually beneficial environment.

Educational Qualifications

- ◆ Doctor of Philosophy (Ph.D) in Mechanical Engineering from CEG Campus – Anna University, Chennai.
- ◆ Master of Engineering (M. E.) in Mechanical Engineering – Production Engineering from PSG College of Technology, (University of Madras) in 1983.
- ◆ Bachelor of Technology (B. Tech.) in Automobile Engineering from Madras Institute of Technology (MIT),- Anna University, Chennai in 1981.
- ◆ Bachelor of Science (B. Sc.) from University of Madras in 1978.

Additional Qualifications

- ◆ Passed 'Certified Quality & Reliability Engineer' Examination Conducted by Indian Association for Quality and Reliability in June 1987.
- ◆ Successfully completed 'Business Excellence Award Assessor's Course' conducted by the Abu Dhabi Chamber of Commerce and Industry in collaboration with the British Quality Foundation (BQF) and European Foundation for Quality Management (EFQM).
- ◆ Successfully Completed Internal Auditor Training Course Conducted by TQMI (P) Ltd. Course No.R459 Registered by International Register of Certificate Auditors, U.K.

Professional Training

- ◆ Total Quality Management courses conducted by Tata Engineering and Locomotive Company Ltd. (TELCO), Jamshedpur and Tractors and Farm Equipment Limited (TAFE), Chennai, India.
- ◆ Statistical Quality Control courses conducted by Indian Statistical Institute, Chennai, India.
- ◆ ISO – 14000 & OHSAS - 18000 training program conducted by RWTUV & Intertek.
- ◆ Value Engineering Course conducted by Indian Value Engineering Society, Eastern Zonal Chapter, Jamshedpur, India.
- ◆ Computer Training Courses conducted by Technical society of Tata Engineering and Locomotive Company Ltd, Jamshedpur, India, APTECH Computer Education Centre Abu Dhabi, U.A.E. & Emirates Computers Establishment, Abu Dhabi, U.A.E.

Recognitions

- ◆ Nominated by Anna University as an Advisory Committee Member for setting up the Ergonomic Laboratory at Madras Institute of Technology Campus, Chennai, India.
- ◆ Recipient of National Merit Scholarship at the secondary stage.
- ◆ Nominated by the Abu Dhabi Chamber of Commerce and Industry as a Senior Assessor for the Excellence Award assessment process.
- ◆ Was faculty member for the Automobile Engineering Courses & Statistical Quality / Process Control Program conducted by TELCO Management Training Centre, Jamshedpur.
- ◆ Trainer for the Quality Management System / Quality Improvement Programs conducted for in-house employees in Tractors and Farm Equipment Limited (TAFE), Chennai.

- ◆ Commended for excellence in performance, diligence and dedication on numerous occasions.

Profile

- Practical experience as a senior faculty and head of the department in a reputed engineering colleges.
- Exposure to research oriented activities.
- Extensive experience in manufacturing processes / testing of auto components / aggregates (including engines, gearboxes, etc.) vehicle final inspection / Testing,
- Vast exposure to statistical quality / process control techniques including Six Sigma, Lean Manufacturing, Kaizen, FMEA, QC tools, In-process Audits, etc.,
- Practical experience as trainer for the in-house training programs in various organizations.
- Good exposure in implementing and monitoring the quality improvement programs in educational institutions.
- Excellent interpersonal communication skill and team management skills.
- Capable of handling any amount of work pressure.
- Fast learner with demonstrated ability to quickly grasp new ideas, concepts, methods and technology.
- Vast exposure to Total Quality Management system and ISO – 9000/TS16949 QMS, etc.,
- Practical experience in IT administration & IT related projects implementation as Head of Group IT Division.
- Good exposure to Business Excellence Model including preparation / implementation of business objectives, strategies and policies.
- Demonstrated ability to identify and positively influence individual and organizational behavior to achieve broader policy objectives and prospects.

Precis of Experience

Over 26 years of experience as Engineer / Manager / General Manager in leading /reputed organizations including Tata Engineering and Locomotive Company Ltd. (currently known as TATA MOTORS LIMITED) - Jamshedpur, Tractors & Farm Equipment Limited (TAFE) - Chennai, TVS - Sundram Fasteners Limited - Chennai and Universal Group of Companies - Abu Dhabi (UAE), 11½ years of experience as Professor – Mechanical Engineering in reputed self financing engineering colleges and 3 years of experience as Consultant in Mitsubishi Elevator ETA India Private Limited.

Extensive experience and vast exposures in the following areas:

- Establishing laboratories and infrastructure facilities for the department.
- Arranging guest lectures, industrial visits, trainings, etc., and guiding projects for students.
- Participated and presented paper in international conferences.
- Teaching mechanical/automobile engineering subjects.
- Monitoring and controlling production processes in accordance with quality plans and documented procedures.
- Preparing quality manuals, operating procedures, quality plans, method statements, inspection test plans, check lists, acceptance criteria, etc.,
- Training the staff on products & quality related activities.
- Implementing and monitoring the quality improvement programs in educational institutions.
- Establishing statistical process control techniques to monitor manufacturing quality.
- Monitoring customers complaints / feedback and implementing the necessary corrective / preventive actions that meet customer needs & expectations.
- Following up feedback on new product introduction / implementation and providing feedback to management.

- Vendor development through technical assistance/training aids and monitoring vendor rating.
- Establishing objectives with measurable targets to improve operational performance.
- Monitoring / controlling inspection, testing and sampling raw materials and processed products.
- Establishing / monitoring improvement projects.
- Organizing and conducting management review meetings and internal quality audits.
- Establishing / streamlining new initiatives / operations.
- Implementating & monitoring I.T. related projects & activities.
- ISO 9000 / TQM system implementation / certification audits.
- Coordinating and leading the team in new projects.

Employment History

July 1983 to May 1990
Engineer (QA/QC) / Senior Engineer (QA/QC)
Auto / Engine Division
Tata Engineering and Locomotive Co. Ltd. Jamshedpur
(Currently known as TATA MOTORS LIMITED)

June 1990 to September 1994
Assistant Manager (QA/QC) / Deputy Manager (QA/QC)
Tractors and Farm Equipment Ltd. (TAFE) Chennai.

November 1994 to November 1996
Sales / Service Engineer and Head of Automobile Division
Bin Sagar Group Abu Dhabi, U.A.E.
{Dealer for the TATA Vehicles in the Emirate of Abu Dhabi}

December 1996 to July 1998
Senior Engineer (QA/QC)
Emirates Technical Associates (ETA) Abu Dhabi, U.A.E.
{Electromechanical Division of ETA – ASCON Group of Companies}

August 1998 to May 2007
Group Quality Manager and Head of Group IT Division
Universal Group of Companies Abu Dhabi, U.A.E

May 2007 to February 2008
General Manager – Quality and R&D
Alpump Limited (A member of the Amalgamation Group) Chennai

February 2008 to August 2009
Deputy General Manager – Quality
TVS - Sundram Fasteners Limited – Autolec Division Chennai

September 2009 to Present
Professor – Department of Mechanical Engineering
(In reputed self financing engineering colleges Chennai
From Feb 2012 to till date
In Prathyusha Engineering College, Thiruvallur)

Languages Known: English, Hindi and Tamil.

Date of birth: 07 April 1955.

RESUME

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Dr.M.Gopikrishnan is a Professor in the Department of Computer Science and Engineering at Prathyusha Engineering College, where he has been since 2001. He received a B.Com from Madras University, MCA & MBA from the University of Madras, ME from the St.Peter's University, and He received his Ph.D. in Computer Science from the University of Madras in 2015.

His research interests is Bio-Metrics, Image processing and Neural Network. Much of his work has been on improving the understanding, design, and performance of Artificial Neural Networks, Machine Learning and deep learning, mainly through the application of Iris recognition, Multi model recognition, and performance evaluation. He has given numerous invited talks and tutorials.

Dr.M.Gopikrishnan is co-author of Data Structure Using Algorithm and Design And Analysis Of Algorithm (LAP LAMBERT Academic Publishing AG & Co. Germany). He is published 26 International Journals and 42 Indian Journals. He is attended and published more than 57 Indian and international conference. He is the member of IEEE, CSI and ISTE.

CURRICULUM VITAE

Dr.S.PADMAPRIYA,B.E.,M.C.A.,M.Tech.,M.E.,Ph.D.,MISTE.,

New no 11/Old No6, Sakthi Nagar, 3rd Street

Choolaimedu, Chennai-600094

Mobile No : +91 – 9962562307

Email : padmapriya.sha@gmail.com



Short Profile

- Has proven academic, subjective, administrative and managerial skills and good problem solving skills.
- 25 Years 8 months of teaching academic experience as Lecturer, Assistant Professor and Professor positions.
- 7 years of Research experience as PhD Research Scholar at Berhampur University, Orissa.
- Strong programming skills and proficiency in using C, C++,Java.
- Received the certificate – IBM, NPTEL

Education

Title of the Thesis : Study on Security in WPAN

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	BE	ECE	1991	AMACE	Madras	65%	First
PG	MCA	Computer Applications	1998	Madras University	Madras	70%	First
	MTECH	IT	2003	Punjabi University	Punjabi	75%	First
	ME	EST	2007	Sriram Engg. College	Anna	75%	First
Doctorate	Ph.D.	CS	2011	Berhampur Orissa	Berhampur		

Professional Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience	
				Years	Months
Prathyusha Engineering College	PROFESSOR	2015	Till date	5	6
Prathyusha Engineering College	PROFESSOR/ HOD-IT	2011	2015	4	0

Prathyusha Institute of Technology And Management	Assistant Professor/HOD	2005	2011	6	5
Prathyusha Institute of Technology And Management	Sr.Lecturer	2003	2005	1	11
SA	AP	1999	2003	3	5
SMIT	LECT	1998	1999	1	
RREC	LECT	1995	1998	3	5
Total				25 YEARS AND 8 MONTHS	

Total Experience (Academic) :25Years 6 Months
(Industry) : 3 Year.

Areas of Interest: Networks Security, Artificial Intelligence, Machine Learning, Internet Programming, Big data Analytics, Cloud computing, Service Oriented Architecture

NPTEL Certifications

1. Received **Elite certification for completing the course on Introduction to Research** with a consolidated score of 72% on July-October 2018
2. Received **certification for completing the course on Outcome Based Pedagogic Principles for Effective Teaching** with a consolidated score of 53% July-October 2018
3. Received **Elite certification for completing the course on Intellectual Property** with a consolidated score of 70% on July-October 2018
4. Received **Elite certification for completing the course on Patent Drafting For Beginners** with a consolidated score of 64% on Jan –Feb-2019
5. Received **Elite certification for completing the course on Patent Law for Engineers and Scientists** with a consolidated score of 60% on Jan –Feb-2019
6. Received **Elite certification for completing the course on Emotional Intelligence 2**with a consolidated score of 60% on Jan –March -2020
7. Received **Elite certification for completing the course on Entrepreneurship and IP Strategy** with a consolidated score of 72% on Sep-Nov- 2020
8. Received **Elite and Silver certification for completing the course on Innovation , Business Models and Entrepreneurship** with a consolidated score of 76% on Sep-Nov-2020

Memberships in Professional Bodies

S. No	Professional Bodies	Membership Details
1.	International Association of Engineers (IAENG)/12/ Aug/2019	Member: 244630.
2.	Association for Computing Machinery (ACM), Professional member since 2019	Member: 2862069
3.	Indian society for Technical Education (ISTE), since 2001	Life Member- LM 32136
4.	Computer Society of India (CSI),since 2011	Member-(N1034115)
5.	IEEE Membership	Member-93059245
6.	Computer Science Teachers Association(CSTA)-29/Jul/2019	Member 983457935
7.	Institute of Scholars (InSc)- 29/Dec/2019	Membership ID: InSc2019F889

National/International Conferences:

International Conferences:

1. **Dr.S.PadmaPriya, K. Divakar, Goverthan. D, S. Pavithra, S. Preethi,” MATERIALS MANAGEMENT MODULE OF SAP ERP IN POWER INDUSTRIES” 9TH INTERNATIONAL CONFERENCE ON “SCIENCE AND INNOVATIVE ENGINEERING – 2019-ICSIE-2019, Organization of Science and Innovative Engineering & Technology ,JAWAHAR ENGINEERING COLLEGE , on 24th March 2019, page no-32-33, ISBN 978-93-81288-18-4**
2. **Dr.S.PadmaPriya, K. Divakar, Goverthan. D, S. Pavithra, S. Preethi,” EVENTS FINDER” 9TH INTERNATIONAL CONFERENCE ON “SCIENCE AND INNOVATIVE ENGINEERING – 2019-ICSIE-2019, Organization of Science and Innovative Engineering & Technology ,JAWAHAR ENGINEERING COLLEGE , on 24th March 2019, page no-156, ISBN 978-93-81288-18-4**
3. **Dr.S.PadmaPriya, A.Gnanavel, M. Karthick,,” IOT ENABLED SMART GARBAGE COLLECTION IN SMARTCITIES ” 9TH INTERNATIONAL CONFERENCE ON “SCIENCE AND INNOVATIVE ENGINEERING – 2019-ICSIE-2019, Organization of Science and Innovative Engineering & Technology ,JAWAHAR ENGINEERING COLLEGE , on 24th March 2019, page no-153, ISBN 978-93-81288-18-4**
4. **S.Padma Priya, Dr. Jayaram Pradhan, “An Efficient security framework for detection and isolation of attacks in low rate wireless PAN (Part-I), IJCSNS , Korea 2008, Vol. 8 No. 7 pp. 224-232”**
5. **S.Padma Priya, Dr. Jayram Pradhan , “An Efficient security framework for detection and isolation of attacks in low rate wireless PAN (Part-II)”, International Conference on Security Technology, Sectech , China, IEEE –CS PROCEEDINGS, 2008, ISBN: 978-0-7695-3486-2**
6. **Dr.S.Padma Priya, Ms.Ashwini.N.Antony, “Attacks on Telemedicine”, International Conference on Advances in Electrical & Electronics, Information, Communication & Bio-Informatics , PITAM, ISBN 978-1-4507-8489-4**
7. **Dr.S.PadmaPriya and Mr.Udhay Kumar, “Secure Search over Encryption Data”, International Conference on mathematics in Engineering and Business Management, Stella Maris College , Chennai**
8. **Dr.S.PadmaPriya and MS.LakshmiPriya, “Anti Vehicle Larency in GSM”, International Conference on mathematics in Engineering and Business Management, Stella Maris College , Chennai**
9. **Dr .S. Padmapriya, V.Abhishek Chowdary , V.S.Dinesh “Next Gen Glucose Sensor” International Conference on Latest Trends in Computer Science Engineering and Information Technology (ICLTCSEIT) on 8th March 2014**
10. **Dr .S. Padmapriya , G.Aravind Kumar, .M.Prasanth, .K.Sajith Mohamed “Design and Development of a Hand Glove Controlled Wheel Chair using Zigbee” International Conference on Latest Trends in Computer Science Engineering and Information Technology (ICLTCSEIT) 8th March 2014**
11. **Dr .S. Padmapriya, R. Siva Kumar,G Aruna Devi,L.S.Kavitha,S.Meera “E-Tracking System for municipal Solid waste management using RFID Technology” International Conference on Latest Trends in Computer Science Engineering and Information Technology (ICLTCSEIT) 8th March 2014**
12. **Dr .S. Padmapriya, J.Omana , Ashwini.R., Seethaladevi.S, , ShreeMathe.R, “Design and Implementation of Wireless Gas Sensing Network for preventing Industrial Calamity ” International Conference on Latest Trends in Computer Science Engineering and Information Technology (ICLTCSEIT) 8th March 2014**
13. **Kumar, T.R. Padmapriya, S. Bai, V.T. Beulah Devamalar, P.M. Suresh, G.R.” Conversion of non-audible murmur to normal speech through Wi-Fi transceiver for speech recognition based on**

National Conferences

1. **Dr.S.PadmaPriya**, G.Naveen Kumar, N.Prem Kumar,” **Hospital Seeker**”, 6th National Conference On Advanced Computing Technologies -NCACT'19, Velammal Engineering College on March 16,2019, Page No-185-187, ISBN: 978-81-935422-9-7
2. **Dr.S.PadmaPriya**, Ms M.R.Swetha, Ms U.Suganya,” **Implementation of SAP ERP Based HR Module for an Educational Institute**”, 6th National Conference On Advanced Computing Technologies -NCACT'19, Velammal Engineering College on March 16,2019, Page No-7-9, ISBN: 978-81-935422-9-7
3. **Dr.S.PadmaPriya**, Hari babu R, Jayakumar E,” **Rural Drinking Water Supply Using Application**”, 6th National Conference On Advanced Computing Technologies -NCACT'19, Velammal Engineering College on March 16,2019, Page No-10-12, ISBN: 978-81-935422-9-7
4. **Dr.S.PadmaPriya**, K.R. Shashi Vardhan, S. Shriram,” **IoT Enabled Smart Vehicle Safety System**” , 6th National Conference On Advanced Computing Technologies -NCACT'19, Velammal Engineering College on March 16,2019, Page No-20-22, ISBN: 978-81-935422-9-7
5. **Dr.S.PadmaPriya**, Preetha P, Pavithra “**Crop Management and Irrigation Automation Using Data Analysis Techniques**” , 6th National Conference On Advanced Computing Technologies -NCACT'19, Velammal Engineering College on March 16,2019, Page No-138-140, ISBN: 978-81-935422-9-7
6. **Mrs.S.PadmaPriya** “**Speculative Security checks on system calls In Intrusion Detection System**” National Conference on “ **Recent Advances in Communication, Electrical and Electronics and Information Technology**” organized by IETE, Chennai Centre and Prathyusha Institute of Technology and Management
7. **Mrs.S.PadmaPriya** “**Distributed Composite Multimedia object to satisfy Asynchronous Access Control Requirements** ” National Conference on “ **Recent Advances in Communication, Electrical and Electronics and Information Technology**” organized by IETE, Chennai Centre and Prathyusha Institute of Technology and Management
8. **Mrs.S.PadmaPriya** “**Next Generation Wireless (FSO)**” National Conference on “ **Recent Advances in Communication, Electrical and Electronics and Information Technology**” organized by IETE, Chennai Centre and Prathyusha Institute of Technology and Management
9. **Mrs.S.PadmaPriya** “ **Honey Pot for Network Security** ” National Conference on “ **Recent Advances in Communication, Electrical and Electronics and Information Technology** ”organized by IETE, Chennai Centre and Prathyusha Institute of Technology and Management
10. **Dr.S.PadmaPriya** and MS.LakshmiPriya, “**Anti Vehicle Larency in GSM**”, **National Conference on Recent Trends of computing** organized by Lord Venkateswaraa Engineering College. Kanchipuram
11. **Dr.S.PadmaPriya** and Ms.D.Shamini, “**Real Time Bus Announcement System using RFID**”, National Conference on” **Recent Trends of computing**” organized by Lord Venkateswaraa Engineering College. Kanchipuram
12. **Dr.S.PadmaPriya** and Ms.D.Shamini, “**Real Time Bus Announcement System using RFID**”, National Conference on **Recent Trends of in Information Technology** organized by R.M.K.College of Engineering and Technology, Chennai
13. **Dr.S.PadmaPriya** and Ms.Arthy, “**Collision Mitigation in Hill Areas**”, National Conference on “**Recent Trends of in Information Technology**” organized by R.M.K.College of Engineering and Technology, Chennai
14. **Dr .S. Padmapriya**, V.Abhishek Chowdary , V.S.Dinesh “**Wireless sensor networks to monitor Glucose level in blood**”, in IETE student congress conducted on 21st and 22nd September 2012

15. **Dr.S.PadmaPriya** and Ms.S.Priya,R.Priyadharshini,Mrs.S.Gajalakshmi, “**Online Date storage and forwarding system based on secure erasure code**”, **National Conference on innovation in intelligence and computing Technologies** organized by Easwari Engineering college , Chennai on 12th March 2013
16. **Dr.S.PadmaPriya** and Mr.Dinesh,MR.Inbathamizh, “**Automated Power theft identification**”, **National Conference on innovation in intelligence and computing Technologies** organized by Easwari Engineering college , Chennai on 12th March 2013
17. **Dr.S.PadmaPriya** and Ms.B.R.Vinutha,Ms.Kalaivani ,Ms.Saranya “ **A Safe Guard System For Mine Workers Using Wireless Sensor Networks**”, “**ULTRA-MODERN TECHNIQUES IN INFORMATION AND COMMUNICATION ENGINEERING (NCUTICE- 2013)**” - On March 8th ,2013 Organized By Department Of Information Technology, S.A.Engineering College
18. **Dr.S.PadmaPriya** and K.Gouthami, M.Gomathi, M.Devipriya, “ **Remote Access Control of Agricultural Robot**”, “**ULTRA-MODERN TECHNIQUES IN INFORMATION AND COMMUNICATION ENGINEERING (NCUTICE- 2013)**” - On March 8th ,2013 Organized By Department Of Information Technology, S.A.Engineering College
19. **Dr.S.PadmaPriya** and J.Geetanjali,V.Chithanya, K.N.Geetanjali, “ **Implementation of image Dispatch by diffusion maps**”, “**National Conference on Information and communication Engineering (NCICE- 2014)**” - On February 2014 Organized By Department Of Information Technology, R.M.K Engineering College
20. **Dr.S.PadmaPriya** and Vidhya.N, “ **A Novel Method for secure Routing in Vanet’s**”, “**National Conference on Recent Trends in Information Technology (NCRITIT- 2014)**” – On 24th February 2014 Organized By Department Of Information Technology, R.M.K College of Engineering and Technology

Journals Applied & Published

1. **Dr.S.Padmapriya**, Nivethitha, T.M., Padmini, V.S.,” Implementation of Employee Quarters Management System in ERP SAP Foran Organization “**Test Engineering and Management**” *March-April 2020 Volume 83 ISSN: 0193-4120 Page No. 1660 – 1665 - Scopus Indexed*
2. **S.Padma Priya**, Prakash, M., Balaguru, S., Meenatchi, R., Indhumathi, E.” **NOVEL APPROACH FOR WAREHOUSE AND QUALITY MANAGEMENT USING ERP SAP**” **International Journal of Advanced Science and Technology Vol. 29, No. 6s, (2020), pp. 1355-1363 – Scopus Indexed**
3. **S.PadmaPriya**, P.Yashwanth,H.Ashwin, A.Raghul” **SAP ERP Based PM Module**” “**Test Engineering and Management**” *May-June 2020 Volume 83 ISSN: 0193-4120 Page No. 3018-3021*
4. **S. Padma Priya**, B. Chidambaram ,Ch. Shiva Reddy, E. Kalayan Reddy, “ **A Rational Approach of Sap ERP Based HR Module for an Organisation Payroll** “**Test Engineering and Management**” *March-April 2020 Volume 83 ISSN: 0193-4120 Page No. 18631 – 18634*
5. **S. Padma Priya**, N. Chandra Sekhar, D. Nagendra, M. Dileep, T. Yallamanda “**SAP ERP based HR Module for an Educational Institution Payroll** **Test Engineering and Management**” *May-June 2020 Volume 83 ISSN: 0193-4120 Page No. 3916-3918*
6. **N.Partheeban, S.Senthilkumar, S.Arun, Ravindran K, A.Nageswaran, S.Padmapriya** **Designing of Multiplexers using Quantum-Dot Cellular Automata** **Test Engineering and Management**” *May-June 2020 Volume 83 ISSN: 0193-4120 Page No. 3001 - 3005*
7. **S. Padmapriya**, S., Jimreeves, J.S.R., Kalaiselvi, P., Nageswaran, A., Arun “**Metaclassifiers for predicting the robotic navigational performance**” **International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume- 8, Issue- 10, Pages - 1234-1238 , 2019 - Scopus Indexed (UGC Listed)**
8. **Padmapriya, S.** Partheeban, N., Kamal, N. Suresh, A., Arun, S “**Enhanced cyber security for big data challenges** “**International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10, August 2019- Scopus Indexed (UGC Listed)**

9. **Dr.S.PadmaPriya** , “**Design and Implementation of Autonomous flower harvester using Image processing**”, **International Journal of Recent Technology and Engineering** , volume 8, Issue -2 July 2019 – **Scopus Indexed (UGC Listed)**
10. **Dr.S.PadmaPriya**, Vinodh Kumar.K “**An Effective Method for Reliable Data Delivery in Highly Dynamic Mobile Ad Hoc Networks** “**Middle-East Journal of Scientific Research 24 (2): 398-403, 2016,ISSN 1990-9233,© IDOSI Publications, 2016, DOI: 10.5829/idosi.mejsr.2016.24.02.23032 <http://www.idosi.org/mejsr/mejsr24%282%2916/28.pdf>** **Scopus Indexed**
11. **Dr.S.PadmaPriya**, Selfish and Malicious Node Behavior Pattern using Chord Algorithm, **International Journal of Control Theory and Applications**, Volume 10 • Number 36 • 2017, ISSN : 0974-5572 – **Scopus Indexed**
12. **Dr.S.PadmaPriya**, G.Naveen Kumar, N.Prem Kumar,” **Hospital Seeker**”, **International Journal of Advanced Networking And Applications(IJANA)**, Special Issue-2019, Page No-6-8, April 2019, Available at: <http://www.ijana.in/papers/03.pdf> (**UGC Listed**)
13. **Dr.S.PadmaPriya**, Ms M.R.Swetha, Ms U.Suganya,” **Implementation of SAP ERP Based HR Module for an Educational Institute**”, **International Journal of Advanced Networking And Applications(IJANA)**, Special Issue-2019, Page No-52-55, April 2019, Available at: <http://www.ijana.in/papers/15.pdf>
14. **Dr.S.PadmaPriya**, Hari babu R, Jayakumar E,” **Rural Drinking Water Supply Using Application**”, **International Journal of Advanced Networking And Applications(IJANA)**, Special Issue-2019, Page No-56-58, April 2019, Available at: <http://www.ijana.in/papers/16.pdf>
15. **Dr.S.PadmaPriya**, K.R. Shashi Vardhan, S. Shriram,” **IoT Enabled Smart Vehicle Safety System**” , **International Journal of Advanced Networking And Applications(IJANA)**, Special Issue-2019, Page No-56-58, April 2019, Available at: <http://www.ijana.in/papers/18.pdf>
16. **Dr.S.PadmaPriya**, Preetha P, Pavithra “**Crop Management and Irrigation Automation Using Data Analysis Techniques**” , **International Journal of Advanced Networking And Applications(IJANA)**, Special Issue-2019, Page No-139-142, April 2019, Available at: <http://www.ijana.in/papers/39.pdf>
17. **Dr.S.PadmaPriya**, Fazila Nihar.Z, Krupavathi. K, "PATIENT MONITORING SYSTEM USING IOT", **INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)**, ISSN:2320-2882, Volume.6, Issue 2, Page No pp.385-389, April 2018, Available at : <http://www.ijcrt.org/IJCRT1812049.pdf>
18. **Dr.S.PadmaPriya**, E.Bhuvaneshwari, P.Surabhi, R.Geetha, K.Balaji, P.Manoj kumar, S.Vignesh, "Real time Identification of Crops, Weeds, Diseases, Pest Damage and Nutrient Deficiency", **International Journal of Advanced Research in Education & Technology (IJARET)**, ISSN : 2394-2975 (Online), ISSN : 2394-6814 (Print), Volume.5, Issue 1, Page No pp.20-22, March 2018
19. **Dr.S.PadmaPriya**, Raganath C, Sasidharan K, Sriram J, "A Rational Approach Of SAP ERP Based On HR Module For An Organisation Payroll", **INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)**, ISSN:2320-2882, Volume.6, Issue 2, Page No pp.612-614, April 2018, Available at : <http://www.ijcrt.org/IJCRT1812080.pdf>
20. **Dr.S.Padmapriya**, Ganesh, Manoj Kumar, Sai Saran, "WEATHER PREDICTION AND FARMER SUPPORT SYSTEM", **INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)**, ISSN:2320-2882, Volume.6, Issue 2, Page No pp.515-517, April 2018, Available at : <http://www.ijcrt.org/IJCRT1812064.pdf>
21. **Dr.S.PadmaPriya**, Nivetha M A, Shajini V, Shaik Ruksaar, "ANALYSING THE PERCEPTION LEVEL OF THE HEARING IMPAIRED USING A MULTIMEDIA WEB APPLICATION", **INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)**, ISSN:2320-2882, Volume.6, Issue 1, Page No pp.345-350, March 2018, Available at : <http://www.ijcrt.org/IJCRT1801580.pdf>
22. **Dr. S Padma Priya**, Hemanth Krishna S P, A L A Vishnu Sai, B V Rama Pulla Rao. “*Catch Me If You Can – IoT based System*”, **International Journal of Advance Research, Ideas and Innovations in Technology**, ISSN:2454-132X, Volume.4, Issue 2, Page No pp.624-627, March 2018, Available at : www.IJARIIT.com

23. . **Dr.S. Padmapriya**, K. Sowmiya, P. Subhasini, T.S.Vijayalakshmi “**Monitor and Assess Natural Disaster using Twitter Data in Data Analytics** “*International Journal for Research in Technological Studies*” Vol. 5, Issue 4, March 2018 / ISSN (online): 2348-1439
24. **Dr.S. Padmapriya**, Ms.T.Sureka, Ms.S.Sivagamasundari, Mr.Sree Balaguru, “**A Rational Approach of SAP ERP based HR Module for an Educational Institute**“, “*International Journal of Research in Advent Technology*, Vol. 6 , No.2 , February 2018 E-ISSN: 2321-9637 Available online at www.ijrat.org page no 121-125
25. **Dr.S.Padmapriya**, R.SatheeshKumar, K.Suresh Anand “**Inventory Management System in Sap by Material Management Module (MM-Module)**,” *International Journal of Scientific Research in Computer Science Applications and Management Studies IJSRCSAMS*”, ISSN 2319–1953 Volume 7, Issue 2 (March 2018), www.ijsrcsams.com
26. **Dr.S.Padmapriya**, Mr.Sree Raja Balaguru, Bharanidharan R, Kavaskar K, Ramajayam C, “**A Rational Approach of SAP ERP based PM Module for an Educational Institute**”, “*International Journal of Scientific Research in Computer Science Applications and Management Studies IJSRCSAMS*”, ISSN 2319–1953 Volume 7, Issue 2 (March 2018), www.ijsrcsams.com
27. **Dr.S.PadmaPriya**, Nivedha P, Salma Shaik, Nithiya.R., "INTELLIGENT DRONE FOR INDUSTRIAL INSPECTION(UAV)", *INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)*, ISSN:2320-2882, Volume.6, Issue 1, Page No pp.116-119, March 2018, Available at : <http://www.ijcrt.org/IJCRT1802920.pdf>
28. **Dr.S.PadmaPriya**, Jothi Kiribakaran, Aravind, D.Gopinath. “ **Port Management Software**” “ *International Journal For Technological Research In Engineering* ” Volume 4, Issue 8, April-2017 ISSN (Online): 2347 – 4718
29. **Dr.S.PadmaPriya**, JAGDEEP N, LAGADAPATI SRI HARSHITHA, KETINENI SUSHMITHA,” **Intelligent Transport Software For Port**” *International Journal of Engineering Science and Computing*”, April 2017 Issue No.3 Volume 7 March 2017 Page No: 5966-5968 ISSN 2321 3361 © 2017 IJESC
30. **Dr.S.PadmaPriya**, ISHWARIYA P, JAKKAMPUDI DEDEEPIYA ,” **A Smart Health Care Surveillance And Fall Detection System For Elderly People** “ *International Journal of Engineering Science and Computing*,” April 2017, Volume -7 Issue No-4 ISSN 2321- 3361 6221-6223
31. **Dr.S.PadmaPriya**, POOJA K, DUVURU POOJITHA. YUVESHREE J, RANJITHA U, TAMIL SELVI K, **Web and Mobile based Smart parking application**, ‘*International Journal for Technological Research in Engineering*’ Volume 4, Issue 8, April-2017 ISSN (Online): 2347 - 4718 page no: 1246-1249
32. **Dr.S.PadmaPriya**, SHARMI L, VISHNU PRIYA R, RAMYA K, B.UMA MAHESHWARI, ROHINI S, RAJALAKSHMI M, “ **IOT based fuel efficiency monitoring system using Raspberry pi**”, ‘*International Journal for Technological Research in Engineering*’ Volume 4, Issue 8, April-2017 ISSN (Online): 2347 – 4718
33. **Dr.S.PadmaPriya**, SWETHA S, SWETHAA K. **Design Of Smart Refrigerator Using Raspberry Pi** “*International Journal of Emerging Technology and Innovative Engineering*” Volume 3, Issue 3, March 2017 (ISSN: 2394 – 6598) Page No: 1-4
34. **Dr.S.PadmaPriya**, Vanitha Sharon, **Design And Implementation Of College Bus Monitoring And Tracking System** “*International Journal of Emerging Technology and Innovative Engineering*” Volume 3, Issue 3, March 2017 (ISSN: 2394 – 6598) Page No5-9
35. **Dr.S.PadmaPriya**, Vinodh Kumar.K “**An unidentified position based capable routing protocol in Mobile Adhoc Networks** “*International Journal of Advanced Research in Computer Science and Software Engineering* Volume: 5 Issue: 6 June-2015 ,ISSN_NO: 2277128X, page 2365, http://www.ijarcse.com/docs/papers/Volume_5/6_June2015/V5I6-0631.pdf
36. **Dr.S.PadmaPriya**, R.Jothi, Kinnerasai.A, and ,S.LogaPriya “ **Detecting packets in wireless adhoc Networks** “*International Journal of Advanced Research in Computer Networking,Wireless and Mobile Communications*” Volume: 2 Issue: 1 Apr,2016,ISSN_NO: 2320-7248 Page No 143-149

37. **Dr.S.PadmaPriya, P. Danusha Chowdary , R. Pranutha , M. Sharmilla “Secure Data Sharing With Efficient Cloud Storage”, International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 4 Issue IV, April 2016 IC Value: 13.98 ISSN: 2321-9653 Pg no270-273**
38. **Dr.S.PadmaPriya, S.Vignesh, N.Siddarth ”Hand Gesture recognition Using an Android””International Journal of Research in Science and Technology” Volume 2, Issue 1: January - March 2015, , page 72-76 , ISSN 2394 – 9554**
39. **Dr.S.PadmaPriya, KU.Manjari,, R.Meenakshi” E-DISASTER ANALYSIS (DISASTER MANAGEMENT USING TWITTER ANALYSIS)” International Journal of Research in Science and Technology” Volume 2, Issue 1: January - March 2015, , page 69-71 , ISSN 2394 - 9554**
40. **Dr.S.PadmaPriya, N.R.Vaishnavi, E.Jayashree and J. Jayashree Monica ” Y-MONITORING (Tracking calls for Youth)” International Journal of Research in Science and Technology” Volume 2, Issue 1: January - March 2015, , page 77-80 , ISSN 2394 - 9554**
41. **Dr. S. Padma Priya(Professor/IT), Ms. I.M. Thaya(Asst. Professor/IT), Ms. Divya.C(Final Year B.Tech IT), Ms. Monisha.R (Final Year B.Tech IT) “Help-Desk for Farmers “ “Journal of Current Computer Science and Technology”(online) ISSN No. 2231-5411, Volume 5, March, Issue 3, 2015 Page No. 01 – 04. DOI: <http://dx.doi.org/10.15520%2Fjccst.2015.vol5.iss03.45>**
42. **Dr .S. Padmapriya, J.Omana , KU.Manjari,, R.Meenakshi, , “ANALYSING NATURAL CALAMITY USING SOCIAL NETWORKS” International Journal of Emerging Technology and Innovative Engineering Volume I, Issue 3, March 2015 ISSN: 2394 - 6598 www.ijetie.org”**
43. **Dr .S. Padmapriya, Indu Goel, A.Sunitha, P.Arul “RFID Based Centralized Patient Monitoring system and tracking(RPMST)” IOSR(International Organization of Scientific Research Community of Researcher) Journal, Volume 16, Issue 2, Mar-April-2014 page no: 8-15(www.iosrjournals.org)**
44. **Dr.S.PadmaPriya, G.Aravind Kumar, M.Prasanth, K.Sajith Mohamed “DESIGN AND DEVELOPMENT OF A HAND-GLOVE CONTROLLED WHEEL CHAIR USING ZIGBEE “International Journal of Advanced Research in Electronics, Communication & Instrumentation Engineering and Development Volume: 1 Issue: 2 08-Feb-2014,ISSN_NO: 2347 -7210 , page 78-86**
45. **Dr.S.PadmaPriya, Ashwini.R, Seethaladevi.S, ShreeMathe.R” Design and Implementation of Wireless Gas Sensing Network for Preventing Industrial Calamity“International Journal of Advanced Research in Electronics, Communication & Instrumentation Engineering and Development Volume: 1 Issue: 2 08-Feb-2014,ISSN_NO: 2347 -7210, page 87-92**
46. **Dr.S.PadmaPriya, G. Aruna Devi, L.S.Kavitha, S.Meera “E-TRACKING SYSETEM FOR MUNICIPAL SOLID WASTE MANAGEMENT USING RFID TECHNOLOGY “International Journal of Advanced Research in Electronics, Communication & Instrumentation Engineering and Development Volume: 1 Issue: 2 08-Feb-2014,ISSN_NO: 2347 -7210, page 93-100**
47. **Dr .S. Padmapriya, V.Abhishek Chowdary , V.S.Dinesh “Next Gen Glucose sensors “International Journal of Advanced Research in Electronics, Communication & Instrumentation Engineering and Development Volume: 1 Issue: 2 08-Feb-2014,ISSN_NO: 2347 -7210, page 93-100**
48. **S.Padma Priya, Dr. Jayaram Pradhan, “An Efficient security framework for detection and isolation of attacks in low rate wireless PAN (Part-I), IJCSNS , Korea 2008, Vol. 8 No. 7 pp. 224-232”**
49. **S.Padma Priya, Dr. Jayaram Pradhan , “An Efficient security framework for detection and isolation of attacks in low rate wireless PAN (Part-II)”, International Conference on Security Technology, Sectech , China, IEEE –CS PROCEEDINGS, 2008, ISBN: 978-0-7695-3486-2**
50. **Dr .S. Padmapriya, V.Abhishek Chowdary , V.S.Dinesh “Wireless sensor networks to monitor Glucose level in blood” International Journal of Advancements in Research & Technology, Volume 2, Issue4, April-2013 page no: 322 , ISSN 2278-7763**

FDP/Seminar/Workshop/STTP attended:

1. Attended workshop on “ Research oriented applied mathematical methods (ROAMM 2004) “on April 3rd 2004 at Prathyusha Engineering college
2. Attended two days Faculty Development Programme using IBM Free and open source tools 28th to 29th April 2008 in PITAM conducted by IBM Academic initiative
3. Attended three days state level Faculty Development Programme on Mobile Computing from 8th to 10th May 2008 in PITAM
4. Attended one day Faculty Development Programme on FOSS by AU-KBC on 14th November 2008 in PITAM
5. Attended “E-Health – The Emerging Scenario” held on 15th September 2009, at Tuberculosis Research Center, Chennai
6. Attended CSIR sponsored national seminar on “ozone depletion and global warming” in PITAM on 8th November 2011
7. Attended FOSS workshop(PERL, PYTHON and PHP) conducted by PITAM FOSS CLUB by Cluster soft technology, Chennai in PITAM
8. Attended Internal auditor certification for ISO 9001:2008 Quality management systems and Audit training from 2nd and 5th June 2012
9. Attended CSIR sponsored national seminar on” Sustainable E-Waste management and recycling strategies” in PITAM
10. Attended CSIR sponsored national seminar on “Effective ways to move towards sustainable planet” in PITAM on 28th January 2013
11. Attended workshop on mobipreneur conducted by CSI and Nurture talent academy Techunt 2013- India’s 1st talent hunt for entrepreneurship hosted in PITAM on 17th and 18th February
12. Attended AICTE sponsored Faculty Development Programme on “wireless Network security ” from 15th to 28th April 2013 in Prathyusha Institute of Technology and management
13. Attended AICTE sponsored Faculty Development Programme on “Applications & Design of Low power Embedded system” from 6th to 19th May 2013 in Rajalakshmi Institute of Technology
14. Attended ISTE-SRM sponsored short term training Programme “Web Technology” from 3rd to 7th June 2013 in R.M.K. College of Engineering and Technology
15. Attended CSIR sponsored national seminar on “Recent trends on improving parallelism in computing Based on Hyper Threading Technology” in PITAM on 1^{0th} July 2013
16. Attended CSIR sponsored national seminar on “Innovations in ICT towards Lowering Child Mortality” in PITAM on 24th October 2013
17. Attended AICTE sponsored national seminar on “Fast Analytics of Big Data & its Security issues” in PITAM on 20th November 2013
18. Attended Center for faculty development , Anna University sponsored FDP on “IF-7202 – CLOUD COMPUTING” at RMK Engineering college from 4th December to 11th December
19. Resource person for FDP on “Web technology” at PITAM from 15th December 2014 to 21st December 2014
20. Convener for India’s Biggest Networking Contest at PITAM on 27th and 28th February 2015
21. Coordinator For Anna University sponsored FDP on CS 6008- HUMAN COMPUTER INTERACTION (IOT ERA) at Prathyusha Engineering college, 22nd–28th November, 2016
22. Attended Pre-conference Workshop on “ Energy Audit – Case Studies and Best Practices” at M.N.M.Jain Engineering college during 27th April 2017
23. Attended workshop on QUANTUM COMPUTING AND CRYPTOGRAPHY at S.A. Engineering College on January 23rd , 2018
24. Attended workshop on APPLICATION OF NEURAL NETWORKS IN ENGINEERING FIELD at PEC on January 24th , 2018
25. Convener for workshop on “Exploring Patent Drafting &Filing Aspects” at PEC on 24th February 2018
26. Attended AICTE-ISTE Induction/Refresher Programme on “ Career Advancement By Technical Teaching Skills Amplification” at Velammal Institute of Technology during 7th May 2018 to 12th

May 2018

27. Coordinator for Technical Premier League 2k18 at Prathyusha Engineering College during academic year 2017-2018
28. Attended one day seminar on “Guidelines for Drafting Research Proposal and Patent and Journal at Prathyusha IEEE student branch on 3rd August 2018
29. Attended National Level FDP on “ Enhancing Communication and Soft skills in Higher Education “ at Prathyusha engineering College on 23rd November 2018
30. Attended National level FDP on “ Blockchain of Things “ at Prathyusha Engineering College during 7th -8th December 2018
31. Attended CSI & ACM sponsored FDP on “Wireless Sensor Networks and the Internet of Things – A Research perspective” organized by S.A Engineering college during 10th – 12th December 2018
32. Participated in National level Technology Exhibition 2019 held on 8th February 2018 at Anna University, Chennai
33. Participated Regional Orientation Session on IIC 2.0 and ARIIA 2020 organized by MHRD’s Innovation Cell held at VelTech Rangarajan Dr. Sagunthala R and D Institute of Science and Technology, Chennai, Tamil Nadu on 31st July 2019.
34. Participated FDP on Entrepreneurship Development organized by PMO-IEDP from 17th Oct 2019 to 19th Oct 2019 at CED, Anna University
35. Attended National Level Short term Training programme on Applied Mathematics & Scientific Computation for Engineering Research at S.A. Engineering College from 4th November 2019 to 9th November 2019
36. Attended Workshop on Funding Opportunities for Innovation and Entrepreneurship Development Jointly organized by MHRD ‘s IIC, UnoM, Tepp Outreach Cum Cluster innovation centre, DSIR at RMK Engineering College on 9th November 2019
37. Participated in AICTE Training and Learning (ATAL) Academy sponsored short term course on “Internet of Things: Concepts and Implementation” at IIITDM, Kancheepuram from 15th November to 19th November 2019
38. Attended six day Centre for Faculty Development Anna University sponsored Faculty Development Training Programme on IT 8601 Computational Intelligence conducted by Department of IT at Velammal Institute of Technology from 25th November 2019 to 30th November 2019
39. Participated in workshop on Intellectual Property Rights & Entrepreneurship organized by PMO-IEDP from 4th Dec 2019 to 5th Dec 2019 at CED, Anna University
40. Participated in One day workshop on Human Centered Innovation at Sri Venkateswaraa College of Technology , Vadakal on 12th December 2019

Books published /Chapters contributed

1. Book Published title “ Software Testing “ in Magnus publications
2. Book Published title “ Advanced Java Programming “ in Magnus publications
3. Book Published title “ Embedded Systems “ in Magnus publications
4. Book Published title “ Web Technology “ in Scitech publications 978-81-8371-342-9
5. Book Published Title “Distributed Systems” In Magnus Publication
6. Book Published Title “Service Oriented Architecture” in Magnus Publication **ISBN-13:978-81-923533-8-8**
7. Book published title “Internet Programming” for Regulation 2013 in Magnus Publication
8. Book Published Title “Distributed Systems” (R-2013)In Magnus Publication ISBN 13-978-81-932009-7-1
9. Book Published title “ Embedded Systems (R-2013& R- 2017)“ in Magnus publications
10. Book Published title “ Software Testing (R-2013& R- 2017)“ in Magnus publications
11. Book Published Title “Service Oriented Architecture”(R-2013& R- 2017) in Magnus Publication

Patents filed/granted with details

S.no	Patent Title	Patent Status	Patent No.	Published on
1.	A Novel method to transmit the electronic medical records in secure cloud environment using Block chain Encrypted data sharing	Published in IPR journal	202041017312	05/06/2020
2.	An approach for empowering edge computing for source allocation based learning for industrial IoT	Published in IPR journal	202041023028	12/06/2020
3.	An approach for high speed and secure back propagation learning using upright partitioned data with IoT	Published in IPR journal	202041022294	12/06/2020
4.	A SMART SECURE, SELF POWERED AND LOCATABLE FIXED POD FOR ENABLING LACTATION TO INFANTS	Published in IPR journal	202041002997	31/01/2020
5.	Continuous energy supply to house hold appliances through uninterrupted power supply	Published in IPR journal	201941052558	20 Dec 2019
6.	Classification of Dylexia children using machine learning	Published in IPR journal	201941041975	25 Oct 2019
7.	Design And Implementation Of Prepaid Led Luminaire Control Using IR Remote	Published in IPR journal	201841028247	28 th Dec 2018
8.	Extension and Enhancement to the secure remote modernize protocol	Published in IPR journal	201941014228 A	03 May 2019

DETAILS OF INTERNATIONAL PATENT GRANTED

S.No.	Name of the Applicant	Year of Publication	Application Number	Title of Invention	Date of Filing Application	Date of Publication & Grant
1	Dr.S.Padma Priya	2019-2020	2020102441	Secure Communication amongst IOT devices through IoT coin operating system	26-09-2020	26-09-2020

Contributions / Achievements:

1. Got fund of Rs.6000/- from TNSCST under **student project scheme** for the project named **“RFID Based Bus Tracking System”**
2. Got fund of Rs.7500/- from TNSCST under **student project scheme** for the project named **“Wireless Glucose sensor network Monitoring”**

3. **Got fund of Rs 30,000/- from CSIR for the National seminar named “ Effective ways to move towards a sustainable planet”**
4. **Got fund of Rs20,000/- from CSIR for the national seminar named “Recent trends on improving parallelism in computing based on Hyper threading Technology**
5. **Got fund of Rs30,000/- from CSIR for the national seminar named “Innovations in ICT towards Lowering Child Mortality”**
6. **Got fund of Rs 12,00,000/- from AICTE for the Scheme MODROBS on “ Implementation of cloud computing environment”**
7. **Got Fund from AICTE for the scheme FDP on Cognitive Informatics and Deep Learning in Health Care”2017-2018**
8. **Got Fund approval of 9 lakhs in DST for the scheme FDP on Cognitive Informatics and Deep Learning in Health Care”**
9. **Got Fund approval of 9.75 Lakhs in DST for DST/INSPIRE/01/2018/000946 Inspire Internship science camp**
10. **Certificate of Appreciation to be the President of Institution’s Innovation Council established under the aegis of MHRD’s Innovation Cell at PRATHYUSHA ENGINEERING COLLEGE, TIRUVALLUR for the academic year 2018-19**
11. **Got Fund approval of 12.00 Lakhs from AICTE for the Skill And Personality Development Programme Centre For Sc/St Students**
12. **Got Fund approval of Rs 93000 from ATAL-AICTE for the online FDP under thrust area Data Science**
13. **Got Fund approval of 15.00 Lakhs from AICTE for MODROBS on Implementation of Data Analytics Lab**

Software Skills:

Operating Systems	: Win 98/XP/2000/NT, Ms-Dos, Red hat Linux7.0,
Languages	: Java 2.0, C, C++, HTML, DHTML, JavaScript
Server Side Scripting	: PHP 6.0
J2EE Technologies	: Servlets2.3, JSP1.1, JDBC2.0
Application/ Web servers	: Web Logic 8.3., ApacheTomcat 4.1,
Database	: Oracle8x, MySQL.
NET Technologies	: C-sharp(C#)
IDE	: Eclipse6.1, TextPad4.0, NetBeans7.0

Personal Profile:

Date of Birth	:	17 th November 1970
Father’s name	:	K. Shanmugam
Nationality	:	Indian.
Gender	:	Female.
Marital status	:	Married.
Languages Known	:	English & Tamil.
Communication address	:	new no 11/ old no.6 , 3rd street Sakthi nagar, Choolaimedu, Chennai-94

Yours truly
(Dr.S.PADMAPRIYA)

Station : Chennai.
Date : 26-11-2020

Dr. P. Chitra B.E., M.E., Ph.D.

Professor & Head
Department of Information Technology
Prathyusha Engineering College
Poonamallee-Thiruvallur High Road
Chennai - 602025



Mobile Number: 9840167844

Educational Qualifications

- ❖ Completed Doctorate from Anna University, Chennai during August 2013 from Information and Communication Engineering Stream.
- ❖ Completed Master of Engineering in Computer Science and Engineering from Jerusalem College of Engineering, Chennai affiliated to Anna University Chennai in May 2006.
- ❖ Completed Bachelor of Engineering in Computer Science and Engineering from PeriyarManiammai College of Engineering and Technology, Thanjavur affiliated to Bharathidasan University in May 1992.

Working Experience : Total Experience :26 Years 3 Months

Teaching Experience : 20 Years 3 Months

Industry Experience : 6 Years

Position	Institution	Experience		Total Experience
Professor & Head	Prathyusha Engineering College, Chennai	16-04-2014	Till date	6 Years 8 Month
Associate Professor	RMK Engineering College, Chennai	01-07-2010	15-04-2014	3 Years 9 Months
Assistant Professor	RMK Engineering College, Chennai	27-06-2007	31-06-2010	3 Years
Assistant Professor	St. Peter's Engineering College, Chennai	05-01-2005	31-05-2007	2 Years 4 Months
Lecturer	St. Peter's Engineering College, Chennai	10-07-2000	04-01-2005	4 Years 6 Months
Systems Officer	PREPARE, NGO, Chennai	02-06-1997	30-06-2000	3 Years 1 Month
Programmer	Online Informatics Systems, Trichy	01-06-1992	05-05-1995	2 Years 11 Months
Total Experience				26 Years 3 Months

Subjects Handled

Artificial Intelligence Geographic
Information System Data
warehousing and Data Mining
Programming and Data Structures
Electronic Commerce
Software Engineering and Quality Assurance
Object Oriented Programming
Object Oriented Analysis and Design
Cryptography and Network Security
Data Base Management Systems
Fundamentals of Computing
Computer Networks
Data Communications
Distributed Systems
Mobile Communication

Research Areas

Data Mining
Natural Language Processing
Big Data Analytics
Image Processing
Information Security

Conferences and Seminars Attended

- Attended the Webinar on “Get the Big Picture, Demystifying the Government Artificial Intelligence Policy” by Rajalakshmi Institute of Technology on 17th October 2020.
- Attended the Virtual Talk on “Inspirational Leadership and Motivation” by Mr. Shiv Khera organized by IGNOU on 28th September 2020.
- Attended the Leadership Talk organized by Dr. Abhay Jere Chief Innovation Officer, MHRD's

Innovation Cell on 16th May 2020

- Attended webinar on “OBE Implementation & Academic Automation to Achieve Excellence Leading to Accreditation Readiness through IonCUDOS” organized by IonIdea, India on 7th April 2020.
- Attended the TPO & Principal Meet at INFOSYS TECHNOLOGIES on “INFYTQ”, Mahindra City during January 2020.
- Attended Three-day “**Academic leadership workshop on SI for Principals**” from 29th -31st March, 2019 at IIIT- Hyderabad
- Attended the “**Industry Summit**” by IBM at Hotel Leela Palace, Bangalore on 31st August 2017.
- Attended the Conclave on **Professional Development in Business Analytics** during August 10 & 11, 2017 at SSN Engineering College, Chennai
- Participated in the workshop on “**Solar Resource Assessment & Solar Project Development**” held at National Institute of Wind Energy, Chennai on 12th November 2014.
- Presented a paper titled “**Framework for Intelligent Web Search Engine using Location Aware Searching**” at the 3rd International Conference on Data Management held during 11-12 March 2010, IMT, Ghaziabad, New Delhi.
- Participated in the International Conference on “**Recent Trends in Computing and Communications**” conducted by ForumAct and KC Tech at KCG College of Technology, Chennai during 18th & 19th December 2009.
- Participated in the International Conference on “**Web Intelligent Systems**” during 8-10 January 2009 at Rajalakshmi Engineering College, Chennai.
- Participated in “**MISSION 10X**” workshop organized by WIPRO at RMK Engineering college from 26-02-2008 to 01-03-2008.
- Completed the workshop on “**High Impact Presentation Skills**” organized by WIPRO at RMK Engineering College on 26th and 27th February 2008. (Attested by Dale Carnegie & Associates, Inc. Trainer and WIPRO).
- Attended the AICTE Sponsored national Seminar on “**Data Mining and Data Warehousing**” at St. Peter’s Engineering College from 1st to 3rd March 2007.

FDPs and Workshops Attended

- Attended 10-days Training on Applied Deep Learning for Medical Data Analysis by EduxLabs India from 27th October 2020 to 9th November 2020.
- Attended the 6 Days AICTE sponsored Online STTP on “Recent Trends in Artificial Intelligence and Soft Computing- III” organized by RMD Engineering College from 14th to 19th September 2020.
- Attended the 5 Days ATAL Online FDP on “Design Thinking” Conducted by Vellore Institute of

Technology from 14th to 18th September 2020.

- Attended the 5 Days ATAL Online FDP on “ Data Science” by Prathyusha Engineering College from 7th to 11th September 2020.
- Attended the 5 Days Online FDP on “Process Management in Problem Solving (Online LIVE FDP)” conducted by ICT Academy on 18 Aug 2020 to 22 Aug 2020.
- Attended the 5 Days-Online FDP on “Inclusive Procedures and Processes in Assessment and Accreditation by NAAC” organized by IQAC of St. Joseph’s College(Autonomous), Trichy from 30th June to 4th July 2020.
- Attended the 5 Days Online FDP on “Augmented Reality an Alternate Teaching Approach” conducted by Kumaraguru International Centre for Artificial Intelligence and Robotics from 30th May to 3rd June 2020.
- Attended the Two-Day Industry Led Training on “Amazon Web Services (AWS)” conducted by RMK Engineering College on 4th and 5th June 2020.
- Attended the 3 Days online FDP on “Embedded and IoT BootCamp” organized by Mohammed Sathak AJ College of Engineering, Chennai from 27th May to 29th May 2020.
- Attended the 6 days FDP on “**Working Culture for Professional**” at Sri Sai Ram Engineering College, Chennai during December 2019.
- Attended Three-day “**Academic leadership workshop on SI for Principals**” from 29th -31st March, 2019 at IIIT- Hyderabad
- Attended Workshop on “**Creating ChatBot**” on 26th January 2018 at IITM Research Park, Chennai
- Attended Workshop on “**Machine Learning using Python**” in November 2017 at IITM Research Park, Chennai
- Attended one day Faculty Development programme on “Recent Trends in IT Industries” at IBM on 22nd July 2017.
- Attended 2 workshop on workshop on “scope for R & D Projects and Proposal Preparation” on 12.05.2017 at Anna University, Chennai
- Attended the 3 days workshop on “Internet of Things” at MIT, Chennai on 21 & 22 October 2016.
- Attended the 7 days FDP on “**Mobile Application on Android**” organized at Prathyusha Engineering College from 04.01.2016 to 14.01.2016.
- Attended the National Level Workshop on “**IOT and Cyber Security**”, organized by KCG College of Technology,Shollinganallur on 18.09.2015 & 19.09.2015.
- Attended the UGC sponsored workshop on “**Big Data Mining & Search**”, organized by DCSE, CEG, Anna University, Chennai during 3rd -5th December 2014.
- Participated in the workshop on “**Solar Resource Assessment & Solar Project Development**” held at National Institute of Wind Energy, Chennai on 12th November 2014.

- Attended the faculty Development training programme on “**Cloud Computing**” sponsored by Anna University conducted at RMK Engineering College from 4th to 11th December 2013.
- **Attended the “NBA-New Outcome Based Accreditation” workshop on 13-09-2013 and from 26-09-2013 to 28-09-2013 organized by NBA at RMK Engineering College.**
- Attended the FDP on “**Creativity & Innovation**” conducted by CTS at CTS, Chennai on 05-09-2013.
- Participated the workshop on “**Planning and Preparing an International Quality PhD Thesis**” organized by Hindustan University in collaboration with Central Leather Research Insitute, Chennai from 16-08-2012 to 18-08-2012.
- Attended the International workshop on “**Data Mining for Web Intelligence**” conducted by Madras Institute of Technology during 20th & 21st January 2011.
- Attended the FDP on “**Information Security, Standards and Regulations**” jointly organized by RMK Engineering College and Tata Consultancy Services Ltd., on 13-09-2010.
- Participated in the FDP on “**Natural Computation in Engineering**” organized by IEEE Madras Section at Velammal Engineering College during 6th & 7th February 2010.
- Participated in the FDP on “**Mobile Computing**” organized by RMK Engineering College and Tata Consultancy Services on 21st November 2009.
- Participated the DSA Sponsored Workshop on “**Challenges in Intelligent Web Applications**” organized by College of Engineering Guindy, Anna University, Chennai on 9th & 10th March 2009.
- Participated in the International Conference on “**Web Intelligent Systems**” during 8-10 January 2009 at Rajalakshmi Engineering College, Chennai.
- Participated in the Workshop on “**Statistical Data Mining**” held at the Department of Statistics, University of Madras, Chennai on 21st and 22nd November 2008.
- Participated in “**MISSION 10X**” workshop organized by WIPRO at RMK Engineering college from 26-02-2008 to 01-03-2008.
- Completed the workshop on “**High Impact Presentation Skills**” organized by WIPRO at RMK Engineering College on 26th and 27th February 2008.(Attested by Dale Carnegie & Associates, Inc. Trainer and WIPRO).
- Attended the AICTE QIP Short Term Course on “**Knowledge Management**” from 03-12-2007 to 14-12-2007, organized by Department of Computer Science and Engineering, Anna University Chennai.
- Participated in the International Workshop on “**Modern Image Processing**” conducted by Dr. Aed El Sabae, University of South Alabama, USA at RMK Engineering College on 2nd & 3rd August 2007.
- Attended the AICTE Sponsored national Seminar on “**Data Mining and Data Warehousing**” at

St. Peter's Engineering College from 1st to 3rd March 2007.

Certification Courses Completed

- Completed course on “**Search Engine Marketing**” at ISelf Academy during June 2018.
- Google certification in “Adwords” during June 2018.
- Completed the online course “**Artificial Intelligence Planning**” offered by **The University Of Edinburgh**, through Coursera.org during March 2015.
- Completed the online course “**Big Data and Social Physics**” by **Massachusetts Institute of Technology, USA** through edX.org during May 2014.
- IBM certification for “Rational Functional Testing Tool” during July 2012.
- IBM Certified Deployment Professional- Tivoli Directory Server V6.1 during September 2010.
- IBM Certified Database Associate – DB2 Fundamentals during July 2009.
- IBM Certified Associate Developer – Rational Application Developer for webSphere Software V6 during December 2009.
- Course on “Web Graphics and Multimedia” at ARENA Multimedia, Anna Nagar, Chennai during April 2004.
- Rational Certification on “Essentials of Rational Unified Process and Fundamentals of Rational Rose” during July 2004.
- Completed course on “Java Programming” at STG, Chennai during December 1999.

Conferences, Seminars and Workshops Organized

- Organized 3 Days State level Online Students Training Programme on “Logical Thinking and Coding” from 25th to 27th June 2020.
- Organized 3 Days students’ workshop on “INFYITQ” by INFOSYS TECHNOLOGIES for Chennai Region from 13-15 Feb 2020.
- Organized the seminar on “Industry Readiness” for students during July 2019.
- Organized 30 Hours Project Marathon HACKFEST 2K18 during February 2018 at Prathyusha Engineering College.
- Organized a Faculty Training Program on “PYTHON PROGRAMMING” on 19th August 2017 at Prathyusha Engineering College.
- Organized the INFOSYS CAMPUS CONNECT peer enablement programme on FP4.1 at Prathyusha Engineering College on 15th December 2017
- Coordinated the 2nd **IEEE International Conference on “Advances in Electrical, Electronics, Information, Communication and Bio-informatics**” on 27 & 28th February 2017 at Prathyusha Engineering College
- Convened the two days workshop on “BIG DATA ANALYTICS” on 1 & 2 December 2016.

- Convened the two days workshop on “ Exploring R Tool for Statistical Data Mining” on 21 & 22 November 2016.
- Coordinated the 2nd **IEEE International Conference on “Advances in Electrical, Electronics, Information, Communication and Bio-informatics”** on 27 & 28th February 2016 at Prathyusha Engineering College.
- Coordinated **Anna University approved 7-Days Faculty Development Training Programme** on “Design And Analysis And Algorithms” from 17.12.15 to 23.12.15 at Prathyusha Engineering College.
- Coordinated the workshop on “**Training On Data Analytics Using R**”, on 11.01.2016 at Prathyusha Engineering College.
- Coordinated the workshop on “**CCNA : Introduction to network, routing and Switches**”, on 12.01.2016 at Prathyusha Engineering College.
- **Coordinated Anna University approved 7-Days Faculty Development Training Programme** on “CS6303-Computer Architecture” from 18th to 24th May 2015 at Prathyusha Institute of Technology and Management.
- Organized ISTE sponsored national conference on “**Information and Communication Engineering**” during February 2014.
- Organized IEEE sponsored national conference on Information and Communication Engineering during February 2013.
- Coordinated “ISTE sponsored two days national workshop on recent trends in Data Mining” during February 2010.
- Coordinated a two days national seminar on “Cryptography and Network Security” during December 2009.
- Coordinated national level technical symposium for four times.
- Organizing committee member for the international conference conducted by IACSIT in Chennai in December 2011.

Other Credits

- **Secured 5th Place among 2438 contestants in the National Level DIGI GURU contest by ICT Academy.**
- Academic council member for Department of Information Technology at RMK Engineering College, Chennai.
- Academic council member for Department of Computer Science and Engineering at St. Peter’s University, Chennai.
- Doctoral Committee member for four candidates in Anna University.
- Received **CSI Best Accredited Student Branch award** from CSI, INDIA during Dec 2015.

- Resource person for Anna University approved FDTP on “Computer Architecture” organized by DCSE, Prathyusha Institute of Technology and Management on 19th May 2015.
- Resource person for Anna University Sponsored FDP on “Software Engineering” organized by Jeppiar Engineering College during December, 2014.
- Resource person for FDP on “Digital Principles and System Design” organized by DCSE, Prathyusha Institute of Technology and Management on 19th December 2014.
- Wide experience in NBA preparation. (PEC : Obtained for 3 Years and extended for further 3 years, RMKEC-IT Dept-obtained for 5 years in 2014, SPEC-IT Dept.-obtained for 3 years in 2007)
- Wide experience in NAAC preparation (Prathyusha Engineering College : A Grade)
- Session chair and reviewer for the International Conference on “Big Data & Cloud Computing” conducted by St. Peter’s University during 26-27 March 2015.

Paper & Patent Publications

- Indian Patent, “A System And Method To Prevent Unconscious Driving Behaviours”, 202041042968 A, The Patent Office Journal No. 41/2020 Dated 09/10/2020, Pp. 52481.
- Balachandra Pattanaik, Chitra P, Lakshmi H R, Thamarai Selvi G, Thamarai Selvi G, Nagaraj V, “Contrasting Performance Metrics of Discrete Transformations on Digital Image Steganography using Artificial Intelligence”, Accepted in Scopus Indexed Journal Materials Today: Proceedings, Cite Score :1.3, ISSN :2214-7853,S-Bland-ELSEVIER SCIENCE BV, Nov 2020.
- Mohana Geetha Dhandapani, **Chitra P**, Umamaheswari M., Naeen P., Nagaraj V, “Smart Fertilizer Management System Based on IoT Chlorophyll Meter”, Accepted in Scopus Indexed Journal Materials Today: Proceedings, Cite Score :1.3, ISSN :2214-7853,S-Bland-ELSEVIER SCIENCE BV, Oct 2020.
- Chitra.P, Jayabharathi M, Lakshmi Priya M, Yogalakshmi S, “Public Crime Reporting and Monitoring Systems”, International Journal of Engineering Science and Computing, ISSN 2321 3361, pp 20483-20487, 2019.
- Chitra.P, Saikrishna G.V,Janani S, “Smart Ambulance Service”, International Journal of Engineering Science and Computing, ISSN 2321 3361, pp 20635-20639, 2019.
- Chitra P, Pavithran P, Saranya V, et al. “GPS-based Dengue Risk Index App”, Journal of Computer Technology & Applications. 2018; 9(1): 12–16pp. 2018
- P.Chitra, A.Magendran, S.Magesh, D.Raja, "Automatic Irrigation And Motion Detection Using IoT", International Journal Of Creative Research Thoughts (IJCRT), ISSN:2320-2882, Volume.6, Issue 1, 2018, Page No pp.1690-1694.

- P.Chitra, K.H.Aiswarya, D.Aswini, K.G.Geetha, “Efficient Clinical Decision Support System, International Journal of Engineering Science and Computing, March 2017 ISSN 2321 3361, pp5868 – 5873.
- P.Chitra, N.Naveena, R.Priyanka, D.Priyatharsini, “Online Smart Purohit Booking System Based On Category, International Journal of Innovative Research in Computer, and Communication Engineering, ISSN(Online): 2320-9801, ISSN (Print): 2320-9798, Vol. 5, Issue 3, March 2017
- P.Chitra, R.Kumaravel, R.B.Arun Kumar, “ERP FOR GROCERY SHOP, International Journal of Innovative Computer Science & Engineering, Volume 4 Issue 2; March-April-2017; Page No. 22-27, ISSN: 2393-8528.
- ChitraPasupathi and VijayaKalavakonda, “Evidence Based Health Care System Using Big Data for Disease Diagnosis”, Proceedings of 2nd IEEE International Conference On Advances in Electrical & Electronics, Information, Communication & Bio Informatics AEEICB – 2016, February 2016, Chennai, pp. 748-752.
- P. Chitra, A.Bhargavi, C.H.Lohitha and K.Pavithra, “Product Comparisons with Improved Reliability”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 4 Issue III, March 2016, ISSN: 2321-9653, pp.823-825.
- P. Chitra, L.Sam Joseph, N.Vimal and B.yuvaraj, “Incremental Map Reduce For Efficient Data Retrieval”, International Journal of Innovative Research in Computer and Communication Engineering, Vol. 4, Issue 3, March 2016, ISSN(Online): 2320-9801, pp. 3598-3604.
- U.Divya, **ChitraPasupathi**, “Survey on Machine Learning Approaches for Solar Irradiation Prediction”, International Journal of Engineering Sciences & Research Technology, Vol 3(10), ISSN: 2277-9655, pp. 478-482, 2014. (IF : 3.785)
- U.Divya, **ChitraPasupathi**, “Solar Radiation Prediction using Temporal Gaussian Process Regression”, International conference on advances in Emerging Technology, March 2015, Chennai, pp. 28.
- R.Praveen Kumar, R.Sanjay Kumar, D.Yugesh, **ChitraPasupathi**, “Clinical Decision Support System with Evidence Gathering using Big Data”, Proceedings of Fifth National Conference on Innovation in Intelligence and Computing Technologies – 2015, April 2015, Chennai, pp. 1-5.
- U.Divya, **ChitraPasupathi**, “Solar Radiation Prediction using Temporal Gaussian Process Regression”, International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), ISSN 0976-1353, 2015, pp.347-352. (IF:1.012)
- U.Divya, **ChitraPasupathi**, “A Machine Learning Approach to Predict Solar Radiation for Solar Energy Based Devices”, International Journal of Computer Science & Engineering

Technology (IJCSET), ISSN : 2229-3345, Vol. 6 No. 05 May 2015, pp. 289-294.

- **ChitraPasupathi**, BaskaranRamachandran and SarukesiKarunakaran, “Web Document Segmentation Using Frequent Term Sets for Summarization”, *Journal of Computer Science*, Vol 8(12), ISSN 1549-3636, pp. 2053-2061, January 2013. (IF : 1.648)
- **ChitraPasupathi**, BaskaranRamachandran, SarukesiKarunakaran, “Efficient Query Sensitive Summarization using Frequent Term Sets Based Document Segments”, *European Journal of Scientific Research*, Vol.84 No.3, pp.433-444, 2012.. (IF : 0.468)
- **Chitra.P**, Baskaran.R, Sarukesi.K, “Query Sensitive Comparative Summarization Of Search Results Using Concept Based Segmentation”, *Computer Science & Engineering: An International Journal (CSEIJ)*, Vol.1, No.5, December 2011, pp31-43, DOI : 10.5121/cseij.2011.1503
- **ChitraPasupathi**, R. Baskaran, and SarukesiKarunakaran, “Selection Based Comparative Summarization of Search Results Using Concept Based segmentation”, *The Fourth International Conference on Network Security & Applications (CNSA-2011)*, Communications in Computer and Information Science, Springer Verlag, Germany, ISSN 18650929, pp. 655-654, 2011.
- **P.Chitra**, K.Sarukesi, R.Baskaran and P.Dhavachelvan, “Framework for Intelligent Web Search Engine Using Location aware Searching”, *Third International Conference on Data Management ICDM-2010*, pp. 94-106, NewDelhi, 2010.

Professional Society Memberships

- ISTE : Life member
- CSI, India
- IAENG, Hong Kong : Life Member (121897)
- IACSIT, Singapore : Life member (80340620)
- IRED (Institute of Research Engineers and Doctors), New York, USA : Senior member
(SNM10100053375)

Contact

www.linkedin.com/in/thambameshach (LinkedIn)

Top Skills

Surveillance Video Analysis
Intelligent Video Systems
Machine Learning

Languages

Tamil, English

Certifications

Introduction to Games Development with HTML5 and JavaScript - Revised

Life Member in ISTE

CLOUD COMPUTING - IBM

Ethical Hacking: The Complete Malware Analysis Process

YouTube Analytics

Honors-Awards

Best Teaching Staff

Publications

"Preventing Black hole attack in MANETs Using Randomized Multipath Routing Algorithm"

"Enhanced Vehicle Detection and Identification using Histogram of Oriented Gradients",

"A survey on Object Detection and Object Tracking in Videos"

"Secured and Efficient Authentication Scheme for Mobile Cloud"

Patents

A Tool for Classification and Summarization of Emotions in Social Network

Thamba Meshach W

Associate Professor @ PEC & Research Scholar at Anna University, Chennai in Computer Science & Engineering
Chennai

Summary

I am passion about teaching. I teach Computer & IT subjects to UG & PG Computer Science and Engineering students. Apart from Teaching I work as a Faculty representative for Industry-Institute development cell - Coordinator for IBM Career Education Centre, Facilitator for Infosys Campus connect programme, Faculty in-charge for Microsoft Student partnership programme, Faculty in-charge for India's First IBM Cloud Computing Laboratory at PITAM; Editor for department Newsletter - "HACK IT" at MNM Jain Engg. College; Single point of contact & Course Coordinator for IBM Career Education Programme @ PITAM; Student Mentor for various International programming contests - IBM TGMC & ACM ICPC. Initiator of Microsoft Partnership programme at PITAM; Project coordinator for B.E (UG) & M.E (PG) Computer Science Engineering students. Faculty coordinator for organizing Android workshops in association with industries. Coordinator for National Network Security Championship Event in association with ACM, IIT Delhi. Life Member in Indian Society for Technical Education (ISTE). Received "Google for Education (BASIC)" certification, certified by GOOGLE.. IBM Certification on "CLOUD COMPUTING" Certified by IBM India Pvt. Ltd.

Experience

Prathyusha Engineering College

9 years 8 months

Associate Professor

June 2011 - Present (9 years 8 months)

Associate Professor

June 2011 - Present (9 years 8 months)

Engineering College

Acadamecian

June 2001 - Present (19 years 8 months)

I teach Computer & IT subjects to UG & PG Computer Science and Engineering students. Apart from Teaching I work as a Faculty representative for Industry-Institute development cell - Coordinator for IBM Career Education Centre, Facilitator for Infosys Campus connect programme, Faculty in-charge for Microsoft Student partnership programme, Software Technical Clubs Coordinator, Editor for department Newsletter - "HACK IT" at MNM Jain Engg. College; Single point of contact & Course Coordinator for IBM Career Education Programme @ PITAM; CISCO Laboratory initiative faculty in-charge at PITAM; Student Mentor for various International programming contests - IBM TGMC & ACM ICPC. Initiator of Microsoft Partnership programme at PITAM; Project coordinator for B.E (UG) & M.E (PG) Computer Science Engineering students. Faculty coordinator for organizing Android workshops in association with industries. Coordinator for National Network Security Championship Event in association with ACM, IIT Delhi. Received IBM Certification on "CLOUD COMPUTING" Certified by IBM India Pvt. Ltd.

MNM Jain Engineering College

Assistant Professor

June 2001 - May 2011 (10 years)

Education

Anna University

Doctor of Philosophy (PhD), Information and Communication Technology

Sathyabama University

Master of Technology (MTech), Information Technology · (2004 - 2006)

University of Madras

Bachelor of Technology (BTech), Information Technology · (1998 - 2002)

SNPT, Directorate of Technical Education, TN

Diploma, Electronics and Communications Engineering · (1996 - 1998)

St. James Matriculation School



ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ECE

DEPARTMENT ADVISORY BOARD MEMBERS (DAB)

ACADEMIC YEAR : 2017-18

S.No.	Name	Designation	Role
1	Ms.G. Premalatha	HOD, ECE	HOD
2	Dr.L. Vanitha	Professor, ECE	Faculty
3	Dr.S. Vimala	Professor, ECE	Faculty
4	Dr.S.Arun	Professor, ECE	Faculty
5	Dr. Durga Devi	Assistant Professor, ECE, Anna University, Chennai	Faculty
6	Mr. K.Sujith	Project Manager, Danfoss	Industrialist
7	Dr.K. Chitra	Professor, VIT, Chennai	Academician
8	Dr.G.R. Suresh	HOD and Professor, St. Peter's Institute of Higher Education and Research	Academician
9	Dr. Thirumullai Vasam	Professor, EEE, VIT University	Academician
10	Dr.G.Giridhar	Deputy General, SRRA Unit, NIWE	Industrialist
11	Mr. Daivaraj	Matlab Programmer, Ford (Alumni)	Industrialist
12	Ms. Sravya	II Year	Students Representative
13	Mr. Sathish Kumar	II Year	Students Representative



G.Premalatha
4/19, I Street Devi Nagar,
Karambakkam, Porur
Chennai – 600 116

Contact No : 9791065836
E-mail : ravikaprem@yahoo.com

Objective:

Aspiring for a challenging job where my qualifications and acquired knowledge are put to use, providing me an opportunity to grow professionally to my full potential and professional growth in such a stimulating and competitive environment.

Academic Profile:

College / University:

Veltech Engineering College, **Chennai; June 2007**

M.E-(VLSI design) (First class)

Arulmigu Meenakshi Amman College of Engineering, **Chennai ; April 1996**

B.E- (Electronics & Communication Engineering) (First class)

Experience: 15.6 years

S.No	Name of the organization	Designation	From	To
1	Prathyusha Engineering College	Associate Professor	28.06.2010	Till Date
2	Vel High Tech S.R.S Engineering College	Asst.Prof	01.08.2006	31.05.2010
3	Vel High Tech S.R.S Engineering College	Lecturer	19.01.2004	31.07.2006
4	Arignar Anna Institute of Technology	Lecturer	09.12.1999	13.01.2004
5	Ramu & Co, Thirumangalam	Service Engineer	27.12.1996	09.11.1999

Subjects Handled:

(Under Graduation-B.E):

- Transmission Lines & Waveguides
- Communication Engineering
- Digital signal processing
- Electronic circuits I & II

- Satellite communication system
- Digital Communication
- Electromagnetic Fields
- Electronics devices and circuits
- Digital image processing
- VLSI design

(Post Graduation-M.E):

- VLSI design
- Digital image processing
- Advanced Microprocessors

Areas of Interest:

- VLSI
- Digital signal processing
- IOT

Technical skills:

Professional skill set : C, C++, Verilog, and VHDL
Tools : Orcad, MAT lab, Xilinx, Modelsim, Tanner EDA
Web / Markup Language : HTML, DHTML, http

Membership in Professional bodies:

Life member in ISTE(LM62425)
 Senior member in IACSIT(80341766)
 Member in UACEE(AM1004964)
 Member in INENG(124828)

Achievements

Produced 100% result in the following subjects:

- VLSI Design
- Digital Image Processing

Journal Publications

- *“Addiction Avoider Using Embedded System” CIIT Journal, Volume 4, Issue 10 in the year 2012*
- *“ Leakage reduction and stability improvement techniques of 10T SRAM cells: A survey l International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-3, Issue-7, December 2013*
- *“Low Power, Noise-Free Divided-By-4/5 Counter Using Domino Logic A Survey” International Journal of Science and research (IJSR), Volume 2, Issue 7, July 2013*
- *“Low Power Implementation of Sequential Circuits Using Reversible Logic Gates” International Journal of Current Engineering and Technology, Volume 4, Issue 3 ,June 2014*

- **“Voice Recognition System for Physically Disable using Spectrogram Techniques”** *Asian Journal of Biochemical and Pharmaceutical Research, Volume 4, Issue 3 , August 2014*
- **“Synthesis, Structural and Dielectric characterization of Cadmium Oxide Nano particles”** *International Journal of Chemical,Molecular,Nuclear,Material and Metallurgical Engineering(World Academy of Science),Engineering and Technology, Volume 8, Issue 12 , 2014*
- **“Low Power Implementation of Modified Hash Algorithm in ASIC”** *Australian Journal of Basic and Applied Sciences, January 2016*
- **“Design and Analysis of Performance Evaluation for Spatial Modulation”** *Australian Journal of Basic and Applied Sciences, January 2016*
- **“Design of Low Cost Microstrip Antennas for Wireless Sensor Networks”** *Australian Journal of Basic and Applied Sciences, January 2016*

Conference Presentations:

- **“Highly secured hardware accelerators-A SHA 2 VLSI implementation”** *National Conference Organized by Adhiparasakthi Engineering College, Melmaruvathur in the year 2010.*
- **“Low power implementation of modified secured hash algorithm in ASIC”** *National Conference Organized by Kamaraj Engineering College, Viruthunagar in the year 2011.*
- **“Addiction avoider using embedded system”** *National Conference Organized by Saveetha Engineering College, Chennai in the year 2011.*
- **“Design and implementation of solar powered ARM based Industrial monitoring system”** *International Conference Organized by Sri Lakshmiammal Engineering College, Chennai in the year 2012.*
- **“VLSI design of efficient adder for arithmetic application”** *International Conference (IEEE Explorer)Organized by Adhiparasakthi Engineering College , Melmaruvathur in the year 2012*
- **“FPGA implementation design of efficient adder for arithmetic application”** *International Conference (IEEE Explorer)Organized by Adhiparasakthi Engineering College , Melmaruvathur in the year 2012*
- **“ Leakage reduction and stability improvement techniques of 10T SRAM cells: A survey ”** *International Conference Organized by Sasurie college of Engineering , Vijayamangalam, Tripur in the year 2013*

- “ **Low power high frequency divide by 2/3 counter :A survey** ” International Conference Organized by Sasurie college of Engineering , Vijayamangalam, Tripur in the year 2013
- “ **Reduction of leakage power in half subtractor using diode based stacking technique** “ TEQIP(PHASE II) sponsored National Conference Organized by Coimbatore Institute of Technology in the year2014.
- “**Low Power Implementation of Sequential Circuits Using Reversible Logic Gates**” National Conference Organized by Regional centre of Anna University,Tirunlveli in the year 2014.
- “ **Reusable Decoder Architecture Using Reversible Logic Gates** “ TEQIP(PHASE II) sponsored National Conference Organized by Coimbatore Institute of Technology in the year2014.
- “**Customizable logic cell design using variable body bias**” National Conference Organized by Karpagam College of Engineering in the year 2015.

Courses Attended (Workshop/FDP/STTP/Seminars):

S.No	Title of the Short Term Training Programme- Winter School	Organizer	Period	Month & Year
1.	Faculty Development Programme On Real time embedded systems	Sree Sastha Institute Of Engineering And Technology	2 days	Jun 2015
2.	Faculty Development Programme On Labview and its applications to engineering systems	SKR Engineering College	3 days	Dec 2014
3.	Faculty Development Programme On Microprocessor And Micro Controllers	Sree Sastha Institute Of Engineering And Technology	3 days	Jun 2014
4.	National seminar oncurrent trends in Material science and its applications	Sree Sastha Institute Of Engineering And Technology	1 day	Jan 2014
5.	MIMO Wireless Communication and Future Works	R.M.K College of Engineering and Technology	2 days	Dec 2013
6.	DRDO sponsored Workshop on “Recent trends in Antennas for multi field applications”	Sairam Engineering college	2 days	Dec 2012
7.	AICTE sponsored Staff Development Programme on “Application of digital Filters in digital signal processing problems’	Adhiparasakthi Engineering college	15 days	May 2012
8.	ISTE sponsored Faculty development programme on “ Effective methodologies for students guidance and counseling”	Adhiparasakthi Engineering college	2 days	Sep 2011
9.	Workshop on “ Recent research issues in Networks”	Adhiparasakthi Engineering college	1 day	Feb 2011

10.	Three day course on “Advanced refresher program with hands on training on Analog mixed signal and digital design using cadence tools”	ICTACT academy	3 days	Aug 2010
11.	Workshop on “ Design and testing of VLSI circuits”	Adhiparasakthi Engineering college	2 days	Feb 2010
12.	Workshop on “ VLSI and Embedded systems”	SRM university	2 days	Oct 2009
13.	Workshop on “Issues and solutions in network security”	Adhiparasakthi Engineering college	1 day	Oct 2009
14.	Workshop on “Emerging trends in wireless technologies & antenna design”	P.B college of Engineering	2 days	Sep 2009
15.	Workshop on “Embedded systems and VLSI automation”	St.Joseph’s college of engineering	1 day	Aug 2009
16.	Workshop on “Emerging trends in wireless Embedded systems”	Adhiparasakthi Engineering college	1 day	Apr 2009
17.	Workshop on “Recent trends in VLSI and Embedded systems”	Adhiparasakthi Engineering college	2 days	July 2007
18.	FDP on “Signals and systems”	SSN Engineering College	7 days	Nov 2005
19.	Workshop on “ Trends in Embedded & Communication systems, virtual Instrumentation & SCADA”	Lab tech Electronics Pvt Ltd,Chennai	1 day	Sep 2004
20.	Technical seminar cum exhibition	Computer India, Coimbatore	2 days	July 2003

Responsibilities Undertaken:

- Convener for the Continuing Education Programme in the College.
- Network Lab in charge in Setting and updating the laboratory.
- Convener for the Stock Verification for the Civil Department in the College.
- Time table in charge
- Periodical test coordinator
- Department library in charge
- NBA accreditation coordinator
- Handling theory classes & lab sessions
- Conducting exams
- Guiding student’s projects
- Course planning and monitoring
- Conducting Conferences, seminars and workshops

Personal Profile:

Date of Birth : 27.06.1974
Age : 42
Father Name : M.Alagarsamy

Nationality : Indian

Permanent Address: 4/19, I Street Devi Nagar,
Karambakkam, Porur
Chennai – 600 116

Declaration:

I declare that the above furnished details given are true to the best of my knowledge and undertake to work with full dedication and sincerity for the success of your concern.

PLACE: Chennai

[G.Premalatha]

BIO-DATA

Name : **Dr. L.VANITHA**
Date of Birth & age : 01.06.1974 &46years
Contact Information : 18/13 Kandasamy Nagar, II Main
Poonamallee, Chennai 600 056
Mobile: 9444752415
e-mail: vanithafredrick@gmail.com

Professional Qualification:

Degree	University / Institution	Subject / Specialization	Year of Passing	Class obtained
B.E.	Angala Amman College of Engineering, Bharathidasan University	Electronics and Communication	May 1995	First
MCA	Bharathidasan University	--	May 1999	First
M.Phil.	ManonmaniamSundaranar University	Computer Science	May 2002	First
M.E.	Sri Venkateswara College of Engineering, Anna University	Communication Systems	May 2010	First With Distinction
PG Diploma	Tamil Nadu Open University	Psychological Counselling	Jan 2016	First
Ph.D.	Anna University	Information & Communication	Feb 2018	

Experience:

Name of the organization	Designation	Period
Dr. Sivanthi Aditanar College of Engineering	Lecturer	Jul 1995 to Dec 1999
Sri Padmavathi College of Engineering	Senior Lecturer	Jan 2000 to May 2004
Sri Venkateswara College of Engineering	Lecturer	June 2004 to May 2008
Sri Venkateswara College of Engineering	Senior Lecturer	June 2008 to May 2010
Sri Venkateswara College of Engineering	Assistant Professor	June 2010 to July 2011
SreeSastha Institute of Engineering & Technology	HoD i/c / ECE	July 2011 to May 2012
Loyola Institute of Technology	Associate Professor	June 2012 to May 2014
Prathyusha Engineering College	Associate Professor	June 2014 to till date

Teaching Experience: 25 Years

Papers Handled

1. Electronic Devices
2. Electronic Circuits I
3. Electronic Circuits II
4. Data structures
5. Digital Electronics
6. Microprocessors & Microcontrollers
7. Antenna and Wave Propagation
8. Microwave Engineering
9. Computer Architecture
10. Wireless Networks
11. Medical Electronics
12. Digital Image Processing
13. Mobile communication
14. Satellite Communication
15. Data Base Management
16. Operating Systems
17. Programming in C
18. Object Oriented Programming
19. Software Engineering
20. Microwave Integrated Circuits
21. Multimedia Compression Techniques
22. Advanced Digital Signal Processing

Publications:

Papers published in International Journals:

1. Vanitha L, Ramesh PLN, Punita P, Malathi P, “Evaluation of optimum learning style to enhance engineering education”, International Journal of Psychosocial Rehabilitation, vol. 24, no. 8, June 2020, pp. 10534-10549.
2. Vanitha L, Venmathi A R, Jullie Josephine D C, “Smart Motorcycle accident prevention system using convolution neural network”, International Journal of Advanced Science and Technology, vol. 29, no. 7s, May 2020, pp. 2968-2974.
3. Vanitha, L,Suresh, G R, Chandrasekar, M &Punita, P, “ Development Of Four Stress Levels In Group Stroop Colour Word Test Using HRV Analysis”, Biomedical Research – ISSN 0970 – 938X, Volume 28, Issue 1(2017) pp. 98-105
4. Kishore T, Jayamani R, Vanitha L, “Image Forgery Detection using Blind Detection”, International Journal of Innovative Research in Computer and Communication Engineering, Vol 5, Issue 3, April 2017.
5. Thulasi Ram, Dinakar G, Vanitha L, “Chromosome Abnormality Detection using K-means Algorithm”, International Journal of Innovative Research in Computer and Communication Engineering, Vol 5, Issue 3, April 2017.
6. Vanitha, L,Suresh, G R, Chandrasekar, M &Punita, P, “Mental Stress Level Measurement using HRV Analysis and KNN classifier with Efficient Voting Scheme”, International Journal of Advanced Engineering Technology, ISSN 0976-3945,Volume 7, Issue 1,(2016) pp. 933-936.
7. Revathi G, Vanitha L, “Efficient Multiple Heart Disease Detection System Using Selection and Combination Technique in Classifiers”, ARPN Journal of Engineering and Applied Sciences, ISSN 1819-6608 Volume 10, No. 9 (2015), pp. 3946-3951.
8. Vanitha L, Suresh G.R., “Parallel Combination Scheme to Measure Human Stress Level Using HRV Analysis”, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 24 (2014) pp. 29299-29309.
9. Baby Shalini T, Vanitha L, “Emotion Detection in Human Beings using ECG signals”, International Journal of Engineering Trends and Technology, Volume 4, Issue 5, May 2013, pg. 1337-1342
10. Venmathi A R, Vanitha L, “Support Vector Machine for Bandwidth Analysis of Slotted Microstrip Antenna”, International Journal of Computer Science, Systems Engineering and Information Technology, ISSN: 0974-5807, Volume 4 Number 1 January-June 2011, pp 67-71, Serials Publications
11. Vanitha L, Venmathi A R, “Automatic Abnormality Detection in Chromosomes using Hybrid Multi-Layer Neural Network”, International Journal of Neural Networks and Applications”, ISSN:0974-6048, Volume 4 Number 1, January – June 2011, pp 37-45, International Science Press
12. Vanitha L, Venmathi A R, “Detection and classification of Medical images Using Hybrid Classification Technique with Application to Brain MRI images”, International Journal of Knowledge Management & E-learning- ISSN: 0975-718X, Volume 3 Number 1, January-June 2011, pp35-38, International Science Press
13. Vanitha L, “Parallel Processing of Real Time Images Using Modified K-means Clustering Algorithm”, International Journal of Knowledge Management & E-learning- ISSN: 0975-718X, Volume 3 Number 1, January-June 2011, pp39-41,

Papers published in National and International Conferences:

1. **Vanitha L**, Venmathi AR, Senthil Kumar A, “Breast Mass Abnormalities Classification Using Architectural Distortions”, 7th IEEE International Virtual Conference on Smart Structures and Systems 2020, July 23rd and 24th, **Saveetha Engineering College**.
2. **Vanitha L**, “Malnutrition recognition using Convolution Neural Network”, International e-conference on Green technologies for Power generation, Communication and Health care, St. Peter’s Institute of Higher Education and Research, 6th June 2020.
3. **Vanitha L**, “A survey on gesture recognition system for deaf and dumb people communication”, International conference on smart structures and systems, Saveetha Engineering college, 16th October 2018.
4. **Vanitha L**, “Identification human emotions using ECG signals”, National Conference on Signal Processing, Communication and Networking, **Sri Venkateswara College of Engineering, Sriperumbudur**, 16th April 2018.
5. **Vanitha L**, Chandrasekar M., Hemajothi S, Punita. P., “Analysis of Emotions using ECG signals”, Second International Conference on Stress, Yoga, Mind-Body Medicine, SYMMEDCON 2018, January 29th – 31st, **Sri Ramachandra Medical College & Research Institute**.
6. **Vanitha L**, Chandrasekar M., Punita. P., Suresh. G.R., “Emotional State Analysis Using Heart Rate Variability”, Annual Conference of Association of Physiologists of Tamil Nadu, October 28th and 29th, 2017, **Stanley Medical College**, Chennai.
7. **Vanitha L**, Suresh, G R, Chandrasekar, M, GomathiSivakumar, “Design and performance analysis of four stress level stroop colour word test”, International Conference on Stress, Yoga and Mind-Body Medicine, SYMMEDCON 2017, 2nd – 3rd January 2017, **Sri Ramachandra University**, Chennai.
8. **Vanitha L**, “ A GSM based secure car parking system using LABVIEW”, National Conference on Signal Processing and Communication Engineering conducted by Department of Electronics and Communication Engineering at **Sri Venkateswara College of Engineering, Sriperumbudur** held on March 23rd, 24th 2016.
9. **Vanitha L**, Suresh, G R, Chandrasekar, M & Punita, P, “Design of three level stroop colour test using HRV”, Physiologists International conference ENVOCCON 2016, 9th – 11th September, **SreeBalaji Medical College and Hospital**, Chennai.
10. **Vanitha L**, Revathi G, “Efficient Multiple Heart Disease Detection System Using Selection and Combination Technique in Classifiers”, IEEE International Conference on Innovations in Information, Embedded and Communication Systems on 19th and 20th March 2015.
11. **Vanitha L**, Chandrasekar M., Punita. P., Suresh. G.R., “Sudden Cardiac Attack Prediction Using Heart Rate Variability and Classifier”, VIII Annual Conference APTCON 2014, 11th and 12th October 2014, **Madha Medical Collage and Research Institute**.
12. C. Jenefar Sheela, **L.Vanitha**, G.R. Suresh, GomathiSivakumar, “Efficient Hybrid Classifier to predict Cardiac Arrest”, Fourth International Conference on Recent Trends in Information Technology (ICRTIT-2014), 10th – 12th April 2014, **Anna University**, Chennai
13. C. JenefarSheels, **L.Vanitha**, “ Prediction of Sudden Cardiac Death Using Support Vector Machine”, International Conference on Circuit, Power and

- Computing Technologies (ICCPCT – 2014), 20th – 21st March 2014, **Noorul Islam Centre for Higher Education**.
14. **L.Vanitha**, G.R. Suresh, “Hierarchical SVM to detect Mental Stress in Human Beings using Heart Rate Variability”, 2nd International Conference on Devices Circuits and systems (ICDCS’14), 6th - 8th March 2014, **Karunya University**, Coimbatore
 15. **L.Vanitha**, G.R. Suresh, C. Jenefar Sheela, “Sudden Cardiac Death Prediction System Using Hybrid Classifier”, International Conference on Electronics and Communication Systems (ICECS2014), 13-14th February 2014, **Karpagam college of engineering**, Coimbatore
 16. **L.Vanitha**, G.R. Suresh, “Hybrid SVM Classification Technique to Detect Mental Stress in Human Beings Using ECG Signals”, 2013 International Conference on Advanced Computing and Communication Systems (ICACCS - 2013), Dec. 19 – 21, 2013, **Sri Eshwar college of Engineering**, Coimbatore
 17. **L.Vanitha**, G.R. Suresh, “Performance Analysis on Physiological Signals in Mental Stress Level Measurement”, IISAT’13 IEEE International Conference in Intelligent Interactive Systems and Assistive Technologies, Jan 2nd -3rd 2013, **Kumaraguru college of technology**, Coimbatore
 18. **L.Vanitha**, A.R. Venmathi, “Automatic Abnormality Detection in Chromosomes” -International Conference on “Communication and Signal Processing” (ICCOS 2011), March 17-18, 2011, **Karunya University**, Coimbatore
 19. A.R. Venmathi, **L.Vanitha**, “Support Vector Machine for Bandwidth Analysis of Slotted Microstrip Antenna” – -International Conference on “Communication and Signal Processing” (ICCOS 2011), March 17-18, 2011, **Karunya University**, Coimbatore.
 20. **L.Vanitha**, A.R. Venmathi, “Classification of Medical Images Using Support Vector Machine” – International Proceedings of Computer Science and Information Technology, ISBN -978-981-08-8632-5, Volume 4, IACSIT PRESS.
 21. **L.Vanitha**, S. Ganesh Vaidyanathan, “Pattern Classification using Hybrid Neural Network” - National Conference on Signal Processing, Communication and Networking(NCSCN 2010) – organized by Department of Electronics & Communication Engineering, **Sri Venkateswara College of Engineering**, on 30th – 31st March 2010

Winter/Summer Schools attended:

1. Faculty Development Programme on “Soft Computing Techniques and their applications” conducted by Sri Venkateswara College of Engineering held on 10.6.2019 to 14.6.2019
2. One day workshop on “Patent Writing” conducted by Prathyusha Engineering College on 24th February 2018.
3. National conference on Learning and Memory organized by the department of Physiology, KarpagaVinayaga Institute of Medical Sciences and Research Centre, 6th and 7th October 2018.
4. Two days Faculty Development Programme on “Leadership Skills Level I” conducted by ICT Academy on 6th Dec 2017 and 7th Dec 2017.
5. International Conference on “Advances in Electrical, Electronics, Information, Communication and Bio-informatics” conducted by Prathyusha Engineering College, 27th and 28th February 2016.

6. One day workshop on Neuro-Linguistic Programming conducted by TNOU on 8th March 2015.
7. One day workshop on Neuro-Psychological Assessment conducted by TNOU on 29th March 2015.
8. Training on “Robotics and Embedded System” at Prathyusha Engineering College on 18.12.2014.
9. Faculty Development Programme on “Hands on training in LABVIEW and CADENCE tools” held from 15.12.2014 to 21.12.2014.
10. Training on “Functioning and Maintenance of Solar Radiation Resource Assessment Station” organized by Centre for wind energy technology and Prathyusha Engineering College on 19th & 20th June 2014.
11. National workshop on Recent Trends in Evolutionary Computing Technique in Satellite Image Processing” at Prathyusha Engineering College from 24th to 25th January 2014.
12. One day workshop on “R & D project proposals – Awareness, Needs and Benefits” Organised by Centre for Technology Development and Transfer, Anna University, on 28th June 2013.
13. National workshop on Biostatistics in Biomedical Sciences organised by the Department of Biotechnology, Karunya University from 6th to 8th February 2013.
14. One day workshop conducted by Springer and Edanz along with the Department of Information Science and Technology, Anna University on “How to Write for and Get Published in Scientific Journals and Publish Manuscripts” on 29th January 2013.
15. One day National workshop on “Research Methodology” organized by Department of Electrical and Electronics Engineering, SreeSastha Institute of Engineering and Technology on 30th March 2012.
16. “IT Enabled Soft Skill Enhancement Training Programme for Master Trainers” organised by the CUIC, Anna University during the period from 18th July 2011 to 21st July 2011
17. Workshop on Emerging technologies in Telecommunication organized by Department of Electronics and Communication engineering, Sri Venkateswara College of Engineering, 6-8th January 2011
18. Two day National Workshop on “Advanced Microprocessors and Microcontrollers for Embedded Applications – Organized by the Information Technology, Easwari Engineering College on 18th and 19th September 2009
19. National Conference on Signal Processing, Communication and Networking (NCSCN 2009) – organized by Department of Electronics & Communication Engineering, Sri Venkateswara College of Engineering, on 30th – 31st March 2009.
20. Instructional Design and Delivery – Training programme conducted by Sri Venkateswara College of Engineering, Sriperumbudur, from 4th to 6th 2007.
21. National Conference on Nano Science and Technology – NANOSPHERE 2004, held on 11th and 12th June 2004, conducted by Sri Venkateswara College of Engineering, Sriperumbudur

22. Short term training programme on “Nano Computing” held from 22nd November to 3rd December 2004 conducted by Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Sriperumbudur
23. Workshop on Microwave Laboratory practicals – conducted by Sri Venkateswara College of Engineering, Sriperumbudur, on 21, 22 and 23 May 2003.

Other Relevant Information:

- Good Academic Results
- NPTEL online Certification course – “Health Research Fundamentals”
- Reviewer for the book – “Antenna and Wave Propagation” – by Annapurna Das, McGraw Hill publication.
- Reviewer for IEEE conference.
- Reviewer for journal, “Computer Methods and Programs in Biomedicine”, Elsevier.
- Reviewer for journal, “Journal of Technology in Human Services”, Taylor and Francis.
- Reviewer for journal, “International Journal of Remote Sensing”, Taylor and Francis.

L.Vanitha

Dr. S.VIMALA

No: 19, G1, Anagha Apartment,
James Street, Poonamallee, Chennai-56.
Mobile: 9994545401
E-mail:vimalasaran@gmail.com



Aspiring for a position of **Professor** in an esteemed Institution and to be a part of Professional Organization, adding value to the Organization and to myself.

Executive Profile

- ❖ More than 16+ years Pioneering experience and record-breaking performance in the Department of Electronics & Communication Engineering.
- ❖ Encompasses strong leadership and successful team building & motivating capabilities combined with excellent Presentation and Communication skills.
- ❖ Always working beyond the responsibilities for the benefit of Organisation with strong networking capabilities in the talent acquisition.
- ❖ Possess a demonstrated record of success to increase the pass percentage.
- ❖ Capable of Heading the Department with quality results.

Professional Achievements

- ❖ Produced continuously thrice **100% Pass** in Anna University examinations for the subject Digital Signal Processing in ECE-Academic year 2016-17, EEE-Academic year 2016-2017 & IT-Academic Year 2017-2018. Similarly for the subject Circuit theory produced **100% Pass** result at Prathyusha Engineering College & Control system-**96%** at St.Joseph College of Engineering.
- ❖ Project titled “**Vahan Surveillance Info-Retrieval system**” currently guided was selected for the second round at **Institution’s Innovation Cell (IIC), Ministry of Education**.
- ❖ Project titled “**Augmented Reality**” was awarded as an **Innovator design** in **7th CSI InApp National Student Project Awards 2018**, Trivandrum, Kerala.
- ❖ As an **ARIIA Co-ordinator** at Prathyusha Engineering College.
- ❖ As a **Technical Club Co-ordinator** for Hardware & Networking Club, Students were specially trained in the domain and were placed in reputed companies.

- ❖ As a highly quality conscious, Self-motivated ,results oriented personality has taken over the position of **Head Of the Department** at St.Joseph College of Engineering from **2009 to 2014**.
- ❖ **Panel member - Staff recruitment** at St.Joseph College of Engineering and Prathyusha Engineering College.
- ❖ Co-ordinator and conducted **GATE classes** at St.Joseph College of Engineering.
- ❖ **Event Co-ordinator** for Convocation day, Fresher's day, College day and Sports day at St. Joseph College of Engineering during the academic year 2009 to 2014.
- ❖ Successfully Organised the following:
 - 2 - National Conferences at St.Joseph College of Engineering.
 - 2 - **Symposiums** at St.Joseph College of Engineering.
 - 10 - Seminars at Prathyusha Engineering College.
 - 4 - Workshops at Prathyusha Engineering College.
 - 3 - Online webinars at Prathyusha Engineering College.

Current Focus

- ❖ Co-ordinator for Criteria 7 & Co-coordinator for Criteria 2 for **NBA**.
- ❖ Co-ordinator for Criteria 1, Criteria 6 & Sub-Criteria 4 for **NAAC**.
- ❖ Acting as an **Overall club Co-ordinator** for all the departments & **Technical club Co-ordinator** - Hardware & Networking club / ECE department at Prathyusha Engineering College.
- ❖ **Project Co-ordinator & Mini project Co-ordinator** at Prathyusha Engineering College.
- ❖ Submitting proposal for **DRDO** project in Feb 2021.

Professional Qualification

- B.E-Electronics and Instrumentation Engineering - Annamalai University [2000]
- M.Tech - Electronics and Communication Engineering – Pondicherry University [2008]
- Ph.D - Wireless Communication – St.Peter's University [2018]

**Ph.D. Thesis: "PPEM BASED SECURED MULTI-HOP STRONG PATH GEOGRAPHIC ROUTING
PROTOCOL FOR MANETS"**

Career Growth

- ❖ As Associate Professor at Prathyusha Engineering College, Chennai from 02.06.2014 to till date.
- ❖ As HOD & Assistant Professor at St. Joseph College of Engineering, Sriperumpudur, Chennai from 02.02.2009 to 30.04.2014.
- ❖ As a Lecturer at Sri Manakula Vinayagar Engineering College, Madagadipet, Pondicherry from 02.09.2002 to 21.09.2006.
- ❖ As a Lecturer at Annai Terasa College of Engineering, Panruti from 30.06.2000 to 20.07.2001.

Publications

International Journals

- Dr.S.Vimala, N.R.Gladiss Merlin, L.Ramanathan, R.Cristin, **“Optimal routing and deep regression neural network for rice leaf disease prediction in IOT”**, International Journal of Computational Methods, Dec 2020, **SCI Journal**.
- Dr.S.Vimala, Varanasi Prudhvi Viswanath, Syed Mehafeez Ahammad, **“Online Grievance Management System at Institute level”**, Journal of Emerging Technologies and Innovative Research, June 2019, Volume 6, Issue 6,674-679,2019.
- S.Vimala, Sreeja Vijay, Madhavagiri Srinivasa Vishnu Teja, Kanikireddy Venkata Pavankumar Reddy, **“Smart Baton”**, International Journal of Advanced in Management, Technology and Engineering Sciences, Volume 8, Issue IV, pp.480-484, April 2018.
- Vimala, S. and Srivatsa, S.K, **“Live Bandwidth Allotment LBA-MAC Protocol for MANETS,”** ARPN Journal of Engineering and Applied Sciences (SJR Rating: 0.21, SCOPUS-H Index-7), Vol.11, No.9, pp.5616-5622, 2016.
- Vimala, S. and Srivatsa, S.K., **“Secured PPEM based multi-hop strong path geographic routing protocol for MANETS,”** International Journal of Applied Engineering Research (SJR Rating: 0.13, SCOPUS-H Index-5), Vol.10, No.1, pp.483-504, 2015.
- K.Rajeswari,S.Vimala,**“Optimal Path with Geographical Routing in MANETS by Using Extended APU (EAPU)”**, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.30, 2015.
- K.Rajeswari,S.Vimala,**“Performance evaluation of AODV, AOMDV, GPSR and APU in MANETS”**, International Journal of Engineering and Technical Research (IJETR), Volume-2, Issue-12, December 2014.

Conferences

- ❖ Vimala, S. and Srivatsa, S.K, **"Security using data compression in MANETS"**, 3rd International Conference on Advances in Electrical, Electronics, Information, Communication and Bio-Informatics (AEEICB17), Prathyusha Engineering College, Thiruvallur.
- ❖ S.Vimala and Dr.S.K.Srivatsa, **"Colloborative Attacks Prevention: A Dummy Packet detection Approach,"** National Conference on INNOVATIVE COMPUTING TECHNIQUES at Dr.M.G.R. Educational and Research Institute University, 20th April 2016, pp.377-381.

FDPs & Workshops Attended

- FDP on **Developing Soft Skills & Personality**, NPTEL.
- FDP on **Enhancing Soft Skills & Personality**, NPTEL.
- FDP on **Introduction to Research**, NPTEL.
- Workshop attended on **"Advancements in Networking and Cloud computing"** from 28.05.2018-08.06.2018 at Sansbound Solutions Pvt. Ltd.
- Participated in Online webinar titled **"Virtual & Augmented Reality"** on 22.04.2020 at S.A Engineering College.
- Participated in 5 days FDP titled **"Advanced Simulation tools for Electronics Engineers"** on 27.04.2020 to 01.05.2020 at S.A Engineering College.
- Participated in Online webinar titled **"Insightful Fridays of Skycampus Digital Knowledge webinar series"** on 19.02.2020 conducted by ICT academy.
- Participated in Online National webinar titled **"Cyber Security as a Career for Job Aspirants"** on 02.07.2020 at Kuppam Engineering College, Kuppam, Andhrapradesh.
- Participated in Online webinar titled **"Outcome based Education"** on 14th & 15th May 2020 conducted by IQAC at Prathyusha Engineering College.
- Participated in the Online webinar titled **"Amalgamation of Data Science in IOT"** on 01.05.2020 conducted by Karpaga Vinayaga College of Engineering & Technology.
- Participated in Season 2 of **"Skycampus - Webinar on the theme leading in a VUCA world"** on 20.04.2020 to 24.04.2020 conducted by ICT Academy.
- Participated in Season 3 of **"Skycampus - THE FUTURE IS HERE NOW"** on 27.04.2020 - 01.05.2020 conducted by ICT Academy.

Certifications

- ❖ **Elite Certification** - Developing Soft Skills & Personality, NPTEL
- ❖ **Elite Certification** - Enhancing Soft Skills & Personality, NPTEL
- ❖ **Elite Certification** - Introduction to Research, NPTEL

Membership

- Life Member of **Indian Society for Technical Education (ISTE)**

Research Area of Interest

- ❖ Internet of Things (IOT)
- ❖ Artificial Intelligence (AI)

Projects Guided

- UG – 32+ Projects
- PG – 8 projects

Other Assignments

- ❖ Industrial Visit arranged to various Networking companies for the Hardware & Networking Club students.
- ❖ Worked as a Deputy Warden for the Ladies Hostel over 6 years.

Personal Details

- Date of Birth : 11.06.1978
- Father's name : Shanmugam.S
- Marital status : Married
- Languages known : English, Telugu & Tamil

Summary:

- **Anna University Supervisor(ECE) Recognition Number-2940102**

S.NO	AGENCY	TYPE	College		FUNDS Received
1	DST	R and Alliance - INSPIRE	Sree Sastha Institute ,Chennai	April 21 to 25 2016	13lakhs
2	DST	R and Alliance - INSPIRE	Sree Sastha Institute ,Chennai	21 to 25 Sep 2016	9.75 lakhs
3	DST	R and Alliance - INSPIRE	Chennai Institute of Technology	23 to 27 feb 2015	13 lakhs
4	DST	R and Alliance - INSPIRE	Chennai Institute of Technology	28.07.15 to 01.08.15	9.75 lakhs
5	DSIR	Scientific Industrial Research Organisation(SIRO)	Sree Sastha Institute ,Chennai	Accrediated	
6	CII-Aicte	Industry Institute Cell	Sree Sastha Institute ,Chennai	Awarded	
7	DST - NSTEDB	New Generation innovation and Entrepreneurship cell	Sree Sastha Institute ,Chennai	Incubation cell	25 lakhs
8	PMKV	Skill Development	Sree Sastha Institute ,Chennai		4.05 lakhs

- Taking care of placements & Internships in Mechanical Branches in CIT and Veltech
- Took initiatives in visiting more than 200 industries in India in connection with Students Programs for Industrial Visits, Guest Lectures, In-Plant Training etc. and was responsible for arranging MoU's with several industries.
- Instrumental in Setting up of
 1. Centres of Excellence of Virtusa ,
 2. Centres of Excellence TELKA
 3. Centres of Excellence TVS Harita
 4. Centres of Excellence Kuka Robotics
 5. Centres of Excellence- Metrology(5 to 20 trained students will be placed from each COEs)
- Generating Funds from the COE'S through Training and consultancy Projects Renault Nissan, Mahindra and Wabco Ltd.
- Having Experience In Overseas University(France, Germany and China) Mou's for Faculty Exchange, Student Exchange and Internships Academic Project works, Joint Certification course & Joint Degree programme.
- **Published Books on Signals and Systems and Digital Signal Processing in charulatha Publications**

Academic Qualifications:

s.no	DEGREE	BRANCH	UNIVERSITY	YEAR	CLASS
1	Ph.D	ECE	Singhania University	June 2015	
2	M.E	Communication Systems	Anna University	2004	I
3	B.E	ECE	University of Madras	2001	I
<u>Anna University Supervisor Recognition Number-2940102</u>					

Details on Professional Experience:14 years

- **Presently Working as Head ,Industry Institute Partnership Cell and Professor in ECE Dept. from Dec 2015 to Till Date**
- Working as a Professor and Head-Placements, Centres of Excellence & Industry Institute Interaction In Chennai Institute of Technology from March 2014 to Dec 2015
- Worked as an DDD member and Associate Professor in ECE Department, Vel Tech Dr.RR & Dr.SR Technical University, Chennai during the period from August'13 to March 2014
- Worked as an DDD member & Assistant Professor in Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai during the period from August 2009 to August 2013
- Worked as a Lecturer in Raja Rajeswari Engg College from May 2004 to july 2009
- Worked as a Lecturer in Raja Rajeswari Engg College from April 2001 to june 2002

ADDITIONAL POSITIONS HELD in VelTech

- Technical secretary to chancellor, Vel tech university
- Head of telecom center of excellence at veltech (ministry of information & communications)
- Head of national instruments center of excellence on virtual instrumentation
- Coordinator for projects and industry academia relations
- Academic council member for school of Electronics, veltech university.
- Coordinator for industry linked M.Tech Programme on measurements & control in association with fluid control research institute, palakkad.
- Funded project & publications in-charge for school of Electronics, Vel tech

PAPERS PUBLISHED

1. Zigbee Based Electric Meter Reading System in International Journal of Computer Science Issues Vol 8, Issuing 5, pp 426 -429 September 2011, ISSN no :1694-0814
2. Implementation of Image Processing Techniques in the automatic meter reading employed in critical & hazardous processes in International Journal of Computer Science & Information Security(IJCSIS) Vol.9 No.8, pp 165-170 ,ISSN No- 1947-5500

3. DESIGN AND IMPLEMENTATION OF AUTOMATIC METER READING SYSTEM USING GSM, ZIGBEE THROUGH GPRS in International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE) Volume 2 issue 5 . ISSN NO : 2277 128X
4. Hybrid Automatic Meter Reading System in International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE) Volume 2 issue 5 . ISSN NO : 2277 128X
5. TCP Congestion Control Method using AQM Algorithm International Journal of Computer Information systems. Vol3,No.3,2011 2229-5208
6. Perception of Beacon in localization of wireless Sensor networks International Journal of Advances in Science and Technology (IJAST)Vol 3 No 3, 20112229-5216
7. Locating the objects efficiently in a Distribution System using Particle Swarm Optimization International Journal of Computer Science Issues Vol 3, No 3, july 2011 2229-5208
8. Optimisation of Differential Delay in NASDH Network International Journal of Computer Information systems. Vol 3,No 3, 2011 2229-5208
9. DESIGN OF ZIGBEE BASED AUTOMATIC ENERGY METER READING SYSTEM THROUGH GSM AND GPRS security with Chhaos in INTERNATIONAL JOURNAL OF ADVANCED AND INNOVATIVE RESEARCH in December 2014
10. Design of intelligent Swift Parking System (SPS) using ultrasonic detectors and zigbee International Journal of Advanced Research in Engineering and Applied Sciences in 2014 vol 3 issue 2.

Conference

1. Proceedings of International Conference on Futuristic Trends in Computer Science Engineering & Information Technology – ICCT2012" Implementation of a Wireless Automatic Meter Reading System" Page.No:320-324 conducted by Thiruvallur college of engineering and Technology.
2. Proceeding for national conference Networking, Communication system and Signal Processing (NCSSP'12)" DESIGN AND IMPLEMENTATION OF WIRELESS AUTOMATIC METER READING SYSTEM" Page.No.35-41 conducted by Karpaga Vinnyaka College of Engineering & Technology.
3. Proceeding for National conference on Emerging Trends in communication & information Technology (NCETCIT-12) "Design and Implementation of a ZigBee-Based Wireless Automatic Meter Reading System" page .No:1-6 conducted by sairam college of Engineering
4. National conference on computational intelligence in electrical and electronics engineering 2012:"Automatic meter Reading System Using ZigBee" Page.No.55-61 conducted by Sathyabama University.
5. Proceeding for National conference on signal processing and embedded system Applications (NCSPEs-2013) " A Practical Study of Security and Privacy Issues in Automatic Meter Reading System" Page: no:19-20 conducted by T.J Institute of Technology.
6. Proceeding for national conference New Horizons in communication Engineering 2014"AMR using wireless Technology" Page/No:88-94 conducted by Velalar College of Engineering and Technology.

7. Proceeding for national conference "Recent Trends in Electrical, Electronics and Embedded systems 2015" EMBEDDED SYSTEM FOR A WIRELESS AUTOMATIC METER READING MANAGEMENT" Page No:24-30 conducted by GKM college of Engineering.
8. Proceeding for national conference "Recent Advancement and Challenges in Electrical Engineering and Applications 2012" Implementation of Automatic Meter Reading System Using PLC and GPRS" Page no:252-259

Other Activities:

- Participated in the EMC Academic Forum 2013 held at PSG College of Technology, Coimbatore, on 8th Feb'13
- Attended IETF 2011 - 19th International Engineering & Technology Fair on 12th Feb'11 at Pragati Maidan, New Delhi
- Attended MMMM (Minerals Metals Metallurgy & Materials) Expo-2011- 8th International Exhibition + Conference on 12th Feb'11 at Pragati Maidan, New Delhi
- Deputed for taking part in IMTEX 2011 - 15th Indian Metal - Cutting Machine Tool Exhibition With International Participation Exhibition on 23rd Jan'11 at Bangalore International Exhibition Centre (BIEC), Bangalore
- Participated in an International Seminar on Cloud Computing (ISCC'09) on 26th Aug'09 at Vel Tech
- Deputed for taking part in Cliktronika 09', two-day trade show and conference on renewable energy Exhibition in July 2009 at Lalit Ashok, Bangalore
- Participated a Workshop organized by Microsoft Corporation on Advanced Developer Technologies on 9th May 2009 at Vel Tech

Personal Details:

Date of Birth : 18th october 1979
Age : 36
Sex : Male
Marital Status : Married
Father's Name : C.Sundaram
Languages known : Tamil ,English & Hindi (to read, write & speak)
Permanent Address : No 3/D1 ,Subramanya Bharathi St,Balaji Nagar,Anakaputhur,Chennai-70

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

(S.ARUN)

Cellphone : 9445357180

e-Mail ID : j_dhurgadevi@annauniv.edu

Address : DG1, Tinity Garden, Bharathiyar Nagar Main Road,
Mettukuppam, Chennai.

Present Position

Assistant Professor, Department of Electronics and Communication Engineering, College of Engineering Guindy, Anna University, Chennai from December-2007.

Present Additional Responsibility

- Deputy Director, Centre for Academic Courses, Anna University, Chennai from September-2018.

Previous Positions

- Lecturer, Department of Electronics and Communication Engineering, College of Engineering Guindy, Anna University, Chennai during March-2005 and December-2007.

Previous Additional Responsibility

- Phd Coordinator, Department of Electronics and Communication Engineering, Anna University, Chennai during January-2008 and November-2014.
- Student Counsellor, , Anna University, Chennai.

Other Employment

- Lecturer, Sri Manakula Vinayagar College of Engineering, Pondicherry for 3years.
- Lecturer, Amrita Institute of Technology for 1year and 4 months.

Degree

- ❖ M.E. in Communication Systems, Mepco Schlenk College of Engineering, Madurai Kamraj University (1999 - 2000).
- ❖ B.E. in ELECTRONICS AND COMMUNICATION ENGG , Periyar Maniammai College of Technology for Women, Barathidasan University (1996 - 1999).

Research Degree

- ❖ Ph.D. in VLSI from Faculty of Information and Communication, College of Engineering, Anna University (2006 - 2014).
Title: Investigations on Performance Improvements of Self Biased Adaptive Bandwidth PLL.

Area of Specialisation

- > VLSI, Communication Systems

Research Guidance

Number of Ph.D Scholars Guiding : 1
Number of M.E./ M.Tech. Projects : 14
Guided
Number of M.E./ M.Tech. Projects : 3
Guiding

Papers Published in Journals

Research Papers Published in International Journals 4
Research Papers Published in National Journals 0

1. Khalil I. Mahmoud, R. Rajasekar, J. Dhurga Devi, P.V. Ramakrishna, "Studies on Sensitivity of Clock and Data Recovery Circuits to Power Supply Noise", International Journal of Design, Analysis and Tools for Circuits And Systems, Vol. 1, Issue 1, pp. 16-21 (2011).
2. "Design of Delay Interpolator based Differential Self biased PLL", Journal of theoretical and Applied Information Technology, Vol. 58, Issue 3, pp. 582-588. (2013).
3. J.Dhurga Devi, " Jitter Reduced Self Biased PLLs—A Systematic Simulation Study", Circuits and Systems, published by Scientific Research. Vol. 7, Issue 6, pp. 533-542 (2016).
4. Vinodhini Gunasekaran ; Bobby George ; Sankaran Aniruddhan ; Dhurga Devi Janardhanan ; Ramakrishna Venkatraman Palur, "Performance Analysis of Oscillator Based Read-out Circuit for LVDT", IEEE Transactions on Instrumentation and Measurement , published by IEEE . pp. 1-9 (2018).

Papers Presented in Programmes

Research Papers Presented in International Programmes 4
Research Papers Presented in National Programmes 0

1. Khalil Ibrahim Mahmoud, Dhurga Devi, J& Ramakrishna, "Design and Analysis of a Dual Loop CDR using Maneatis Delay Cell VCO" presented in a International level conference on The Fourth International Conference on Advances in Circuits, Electronics and Micro-electronics (CENICS 2011), French Riviera, France., France .

2. Deepan.E, Devi, J.D. ; Ramakrishna, P.V., "Performance improvement for Maneatis PLL for Microprocessor Clock" presented in a International level conference on 7th International conference on Ph.D Research In Microelectronics and Electronics, Trento, Italy., Italy .
3. "Design of C-band frequency synthesizer for FMCW transmitter " presented in a International level conference on International Conference on Circuits, Communication, Control and Computing, India .
4. "A CMOS Instrumentation Amplifier Using gm/ID Methodology for Sensor Readout Systems" presented in a International level conference on International Conference on Circuits, Communication, Control and Computing.

Current Sponsored Projects

1. "Development of Anusat-2" (September-2013 - November-2018). Project Cost: 24.00.

Sponsored Projects Completed

1. "Design OfPseudo-Random Code Based Systems forRanging And Communication Applications", funded by Research Centre Imarat (RCI), DRDO, Hyderabad (January-2011 - January-2012). Project Cost: 9.70.
2. "Hardware System Design for Nondestructive Testing", funded by Lucid Software Design Systems, Inc, Chennai (September-2014 - March-2015). Project Cost: 4.00.

Programme Chaired

1. level .

Programme Attended

1. Participated in a International level workshop on "Intelligence Workshop and User onference" organized by IntelliSense Corp, USA and Bigtec PVT. Ltd., Bangalore, INDIA from 07-Aug-2006 to 08-Aug-2006.
2. Participated in a International level conference on "20th international conference on VLSI design" organized by VLSI Society of India, INDIA from 06-Jan-2007 to 10-Jan-2007.
3. Participated in a International level workshop on "2nd workshop on Mixed-Signal VLSI Design and Test" organized by VLSI Society of India, INDIA from 25-Apr-2007 to 26-Apr-2007.
4. Participated in a National level workshop on "workshop on Mentoring youth and adolescents" organized by CEG, Anna University, INDIA from 17-May-2007.
5. Participated in a International level conference on "24th international conference on VLSI design" organized by VLSI Society of India, INDIA from 04-Jan-2008 to 06-Jan-2008.
6. Participated in a International level conference on "21st international conference on VLSI design" organized by VLSI Society of India, INDIA from 04-Jan-2008 to 06-Jan-2008.

7. Attended a International level Short Course on "Advanced Analog IC design" organized by NIT Trichy, INDIA from 24-Sep-2008 to 25-Sep-2008.
8. Attended a International level Short Course on "AICTE QIP Short term course on Recent developments in Network Security" organized by CEG, Anna University, INDIA from 02-Mar-2009 to 15-Mar-2009.
9. Attended a International level Short Course on "FDP on EC2305- Transmission Lines and Waveguides" organized by CEG Anna University, INDIA from 24-May-2010 to 30-May-2010.
10. Participated in a International level workshop on "workshop on eContent Development skills for Teachers" organized by CEG Anna University, INDIA from 15-Sep-2010.
11. Participated in a International level conference on "24th international conference on VLSI design" organized by VLSI Society of India, INDIA from 02-Jan-2011 to 07-Jan-2011.
12. Participated in a International level conference on "PhD Research in Micro Electronics" organized by IEEE Circuits and Systems, Italy from 03-Jul-2011 to 07-Jul-2011.
13. Attended a International level Short Course on "FDP on EC2401- Wireless Communication" organized by CEG, Anna University, INDIA from 20-May-2012 to 26-May-2012.
14. Participated in a International level workshop on "workshop on PLL Theory & Design" organized by VLSI Society of India, Cadence, Analog Devices, INDIA from 06-Dec-2012 to 08-Nov-2018.
15. Participated in a International level workshop on "Workshop on High Speed PCB Design from Front End to Back End Using Allegro" organized by NIEIT, Chennai, INDIA from 03-Oct-2013 to 04-Oct-2014.
16. Participated in a International level conference on "International Conference on Circuits, Communication, Control and Computing 14C2014" organized by M.S. Ramaiah Institute of Technology, Bangalore, INDIA from 21-Nov-2014 to 22-Nov-2014.
17. Participated in a International level conference on "1 st International Conference on Nano-electronics, Circuits and Communication Systems" organized by IETE & ISVE Ranchi, INDIA from 09-May-2015 to 10-May-2015.
18. Attended a International level Short Course on "Millimeter -Wave Integrated Circuits:60GHz and Beyond, GIAN Course" organized by GIAN IITM, INDIA from 01-Jan-2016 to 17-Jan-2016.
19. Participated in a National level workshop on "Training Programme on Change management & capacity building to improve quality of service" organized by CEG, Anna University, INDIA from 23-Feb-2016.
20. Attended a International level Short Course on "Fundamentals of Numerical Modelling and Simulation of Multi-Physics," organized by GIAN IITM, INDIA from 30-Jan-2017 to 03-Feb-2017.
21. Attended a International level Short Course on "Computational Techniques for Frequency domain and Perturbation Analysis of Electronics and Multi-Physics Systems" organized by GIAN IITM, INDIA from 13-Mar-2017 to 18-Mar-2017.

22. Attended a International level Short Course on "FDP on Advanced Digital signal Processing" organized by CEG, Anna University, INDIA from 24-May-2018 to 30-May-2008.

Experience Abroad

1. Visited IEEE Circuits and Systems Society, Italy from 03-Jul-2011 to 07-Jul-2011.
Purpose of visit :Presentation and Participation.

Invited Lectures

1. Delivered a Lecture on "Design and testing Sequential Circuits" in National level Workshop on Advances in VLSI Circuit Design using XILINX organized by Pondicherry University, Pondicherry (22-Aug-2014).

Extension & Outreach Programme

1. Course Instructor, BSc Electronics honors practical, participated by Online Course and funded by UGC and EMMRC Anna University at EMMRC Anna University during 31-Dec-1969 and 31-Dec-1969. No. of participants: 0.

Sujith Kinayath

Experience

- **Lead Engineer - Industrial Automation**

Company Name

Danfoss Industries / Enviro Serve Private Limited Full-time

Dates Employed Apr 2018 – Present

Employment Duration 2 yrs 10 mos

Location Chennai, Tamil Nadu, India



Lead Engineer - Process Automation

Company Name

Schneider Electric

Dates Employed Sep 2013 – Apr 2018

Employment Duration 4 yrs 8 mos

Location Bengaluru Area, India

1. Provide expert pre-sales support to the sales force on process automation architectures in order to help accelerate sales growth and increase opportunities conversation rate.
 - a) Obtain detailed requirements and constraints from the customer, assist the customer in defining the best implementation (validate, optimise and differentiate) of the selected system architectures.
 - b) Select the most appropriate TVDA architectures to meet the customers' requirements. Adjust and optimise the architecture(s) most appropriately to meet the customers' needs.
2. Provide expert support: assist/lead the system & architecture definition with the customer and create value by advising the customer on advanced issues (Principles, feasibility, limits & constraints, performance, ...).
3. Work closely with other SAEs and PAEs locally and within the global community in order to provide the customer with the best solution.
4. Guiding the team on how to use Agile/Scrum practices and values to delight customers and ensure project success.
5. Facilitate Scrum events including
 - a) Daily stand-up
 - b) Sprint Planning
 - c) Sprint Retrospective
 - d) Scrum of Scrums
 - e) Release Planning
 - f) Sprint Demonstration
 - g) Backlog Refinement sessions and others
6. Participate in product development phases like DFMEA, PFMEA & APQP (Advanced product quality planning), Engineering Changes, and Technical Review.
7. Building a trusting and safe environment where problems can be raised without fear of blame, retribution, or being

judged, with an emphasis of healing and problem solving

8. Monitor and control project progress performance throughout project lifecycle, obtain, verify deliverables, attend status meeting, provide performance and status reports, forecast project completion schedule, budget, Configuration management, tracking project updates and modifications.

9. Involved in designing engineering and Verification and Validation of Control system libraries & DCS product system...see more



Company Name Degremont

Total Duration 5 yrs 3 mos

- **Title Senior Engineer - Electrical, Instrumentation & Automation**

Dates Employed Apr 2012 – Aug 2013

Employment Duration 1 yr 5 mos

Location Bangalore, India

1. Testing & commissioning of LT tripping relays, Ammeter, ELR, Air Circuit Breaker
2. Testing & commissioning of PLC, Field instruments & SCADA
3. Installation & testing of Electrical motorized actuators and taking the control & operation in PLC/ Semi Auto operation.
4. Checking the P&ID, datasheet and vendor specification as per the site requirement, and if any mismatch in those, coordinate with design engineering for further necessary action.
5. Preparing the list of PID equipments as well as online/ field instruments and verifies the manuals and datasheet provided from the vendor and check for the order code and check for the application as per the site condition in coordination with Design as well as Procurement team.
6. Development of PLC Logic as per the client requirements and standards
7. Preparing software schedules and ensuring that all the deadlines are met as per the client / management requirement.
8. Coordinating & monitoring with various site contractors and nominating engineers for supervision of work of various contractors.
9. Attending site coordination meeting with client on regular basis for reviewing site progress & resolving problems.
10. Also adept with inventory management, man-power management, Correspondence with clients in doing jobs like monthly billing, clearing the queries raised by Client with reference to contractual issues.
11. Project co-ordination with client for smooth execution of project.
12. Provide Project status information and continuously monitor the project.
13. All activities necessary for detailed Engineering of Project.
14. Provide technical inputs to the panel vendor and ensure that client standards are followed.
15. Demonstration of system & functionality tests to the end client (Factory Acceptance Tests & Site Acceptance Tests)
16. Undertaking Installation of the Process Automation system and doing the commissioning of the system...see more

- **Title Maintenance Engineer - Process, Instrumentation & Automation**

Dates Employed Jun 2008 – Apr 2012

Employment Duration 3 yrs 11 mos

Location Bangalore

1. Installation, Commissioning, Operation and maintenance of Electrical panels, mechanical equipments, PLC based SCADA automation system & instrumentation which includes instruments like Chemical analyzers, pneumatic gates &

actuators.

2. Planning, monitoring & controlling all site activities including manpower planning, resource planning & material planning and finalization of responsibility matrix for site engineers
3. Ensuring all site activities are carried out as per SOPs (standard operating procedures), OSHAS, Project specification.
4. Coordinating & monitoring with various site contractors and nominating engineers for supervision of work of various contractors
5. Attending site coordination meeting with client on regular basis for reviewing site progress & resolving problems.
6. Making correspondences on regular basis with Client to build Customer relationship and sort out any disputes (technical or commercial) at site.
7. Development of relationship with local authorities/government bodies for smooth execution of project including interaction with clients/ government agencies...see more

Education



Alagappa University

Degree NameMBA

Field Of StudyProject Management

Dates attended or expected graduation2007 – 2010

Project Management



Anna University

Degree NameBE

Field Of StudyElectronics & Communication

Dates attended or expected graduation2003 – 2007

Activities and Societies: Inplant Training Undergone: 1. Chennai Port Trust Office (Harbour, Chennai)
2. Southern Railway (Integral Coach Factory, Perambur, Chennai) 3. B.S.N.L (Rajiv Gandhi Memorial Telecom Training Centre, Meenambakkam, Chennai)

Ranked First in State - The Hindu Newspaper published our bachelor engineering project in Hindu Educational plus dated 4th June 2007 in the title of "SAFETY DEVICES FROM BUDDING ENGINEERS"

Licenses & certifications



PRINCE2® Foundation and Practitioner Certification Training

Issuing authoritySimplilearn

Issued date and, if applicable, expiration date of the certification or licenseIssued Jul 2019No

Expiration Date

Credential IdentifierCredential ID 1314416

[See credential](#)

•

Certified PLC Programmer

Issuing authorityProlific Technologies

Issued date and, if applicable, expiration date of the certification or licenseIssued Feb 2009No

Expiration Date

•

Functional Safety Engineer Level 01 - IEC61508 and IEC61511

Issuing authorityTuv Sud South Asia PrivateLimited

Issued date and, if applicable, expiration date of the certification or licenseIssued Jun 2020Expires May 2025

Show more

Skills & endorsements

1. **Commissioning**

[See 12 endorsements for Commissioning](#)12

○



[Endorsed by 3 of Sujith's colleagues at Schneider Electric](#)

2. **Instrumentation**

[See 11 endorsements for Instrumentation](#)11

○



[Endorsed by 5 of Sujith's colleagues at Schneider Electric](#)

Dr K.Chitra



Connect
Message
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- Chitra Krishnan
- 2nd degree connection2nd
-

Professor at VIT University

- Chennai, Tamil Nadu, India
- 158 connections
- **Contact info**
- **VIT University**
- **Government College of Technology, Coimbatore, TN, India**

Highlights

-
-
-



-
-
-
-

2 mutual connections

You and Chitra both know [Xiao-Zhi Gao](#) and [Dr.Krishnakumar S](#)

Activity

158 followers

Posts Chitra created, shared, or commented on in the last 90 days are displayed here.

[See all activity](#)[See all activity](#)

Experience

- Professor

Company Name

VIT University

Dates Employed2014 –

PresentEmployment

Duration7 yrs

LocationVandalur Kelambakkam Road, Chennai, TN, India

- Professor

Company Name Institution

Dates EmployedJun 1997 – Apr 2014

Employment Duration16 yrs 11 mos

LocationSt. Joseph's College of

Engineering

Teaching Under graduate and Post graduate students

Motivating the students for learning by doing through project based learning and research based

learningDoing research and guiding research scholars

Responsible for some of the important administrative activities

Development of Photonic and microwave research group...see

more

- Senior Lecturer

Company Name

Kumaraguru College of Technology, Coimbatore,

TN, IndiaDates EmployedJun 1995 – May

1997 Employment Duration2 yrs

Apart from teaching assignments, I was involved in the service of some lab equipments with the help of my then head of the department, Prof. Ramasamy.

Education

- Government College of Technology, Coimbatore, TN, India

Degree NameMaster's

Degree Field Of

StudyApplied Electronics

Dates attended or expected graduation1991 – 1992

- Government College of Technology, Coimbatore, TN, India

Degree NameBachelor's Degree

Field Of StudyElectronics and Communication

EngineeringDates attended or expected

graduation1985 – 1990

- Fatima Matriculation Girls Higher Secondary School, Kodambakkam, Chennai, India

Degree NameHigh

SchoolField Of

StudyMPCB

Grade12th Grade

Dates attended or expected graduation1983 – 1985

•The Hindu Senior Secondary School, Triplicane, Chennai, India

Degree NameHigh

SchoolGrade3rd to

10th grade

Dates attended or expected graduation1973 – 1983

•College of Engineering, Guindy, Anna University, Chennai, India

HOME PAGE



Dr.G.R.SURESH, M.E., Ph.D.,
Professor & Head,
Department of Biomedical Engineering,
St.Peters Institute of Higher Education and Research,
Avadi, Chennai - 600 054

Area of Research : Medical Signal & Image Processing
Speech Processing, WSN for Telemedicine
IoT, Machine Learning, Artificial Intelligence

Recognized Supervisor : Sathyabama University, Chennai
Anna University, Chennai (Ref. No:1640389)
SPIHER (Ref. No: SPIHER19ECS001)

Reviewer : IET Image Processing
IEEE Signal Processing Letters
International Journal of Electronics
International Journal of Enterprise Network Management
International Conferences through Easychair and EDAS

Membership : Member IEEE, IET, Life Member ISTE

Qualification

Doctor of Philosophy (Ph.D)

University : Anna University, Chennai.

Year : 2010
Faculty : Information & Communication Engg.
Area : Medical Image Processing
Thesis Title : Region Based Compression of Three Dimensional Magnetic Resonance Image Coding.
Supervisor : Dr.(Mrs).R.Sukanesh (Prof/ECE, TCE, Madurai).

Master of Engineering (M.E)

University : Madurai Kamaraj University, Madurai.
Institution : Thiagarajar College of Engineering, Madurai.
Year : 1999 - 2000
Specialization : Communication Systems

Bachelor of Engineering (B.E.)

University : Manonmanium Sundaranar University, Tirunelveli.
Institution : National Engineering College, Kovilpatti.
Year : 1993 -1997
Specialization : Electronics & Communication Engineering.

Academic Experience

1. Organization : Rajalakshmi Institute of Technology\
Duration : 15.06.2016 to till date
Position : Professor & Head, ECE

Responsibilities:

1. Delivering lecture and project guidance for the UG Students.
2. Supervising 12 research scholars registered under Anna University, Chennai.
3. Department administration as head of the department
4. Motivating the students to understand and acquire the skill set needed in industries through participation in design contests and training programs on recent technologies nationwide.

Achievements:

1. Overall pass percentage: improved from 72% to 85.45 %
2. Student projects won prizes in national level competitions

2. Organization : Easwari Engineering College, Ramapuram, Chennai - 89
Duration : 24.05.2011 to 13.06.2016

Position : Professor

Responsibilities:

1. Delivering lecture and project guidance for the UG & PG Students.
2. Supervising 12 research scholars registered under Anna University, Chennai.
3. HOD-in- Charge for Department of IT, during Dec 2011 – Nov. 2012.
4. First Year Coordinator for the academic year 2013 -14
5. Cycle Test Coordinator for the academic year 2013 -14.
6. Steering Committee Coordinator – NAAC
7. Established the Centre for Embedded System in the department of ECE in 2013.

Subjects Handled:

1. Mobile Communication
2. Microprocessor & Micro controllers
3. Digital Signal Processing
4. Digital Image Processing
5. Communication Theory
6. Satellite Communication

Projects Guided:

1. Smart band to prevent women's harassment – Won Third prize in Atmel Design contest 2015
2. Virtual speech for vocally challenged
3. Extensive Monitoring and Control of LOC by Multiple Autonomous Drones – Won Third Prize in ARM design Contest 2014
4. Coalition Formation and Task Allocation of Multiple Autonomous Robots
5. Path Planning algorithm for autonomous mobile robot in dynamic environment
6. Design of effective landing mechanism for fully autonomous unmanned ariel vehicle
7. VLSI implementation of Haar DWT with modified matrix multiplication algorithm
8. Speech Enhancement based on Harmonic Noise Model with Kalman Filtering
9. Improving age invariant face recognition system using facial features
10. Health monitoring for mobility sustain by means of wearable wireless body area sensor networks
11. Retinal image analysis for edge detection using curvelet transform

Ongoing Research:

1. Mental stress level measurement system using HRV analysis
2. Non audible murmur to speech conversion and enhancement for vocally challenged people.
3. Design of Flexible biosensor for ECG recording in patient monitoring system.
4. Brain Tumor detection and three dimensional reconstruction
5. Breast cancer detection using mammogram images and Thermal Images

Research Proposals submitted for funding:

1. Brain tumor – Tissue localization and three dimensional reconstruction
- Submitted to ICMR and shortlisted for the presentation in April 2013.
2. Dynamic traffic routing system for Chennai city using multiple UAVs
- Submitted to TNSCST – Science and Technology Projects scheme (STP) in November 2014
3. Development of heart rate variability based automated stress level measurement system to analyze the impact of yoga on mind and body.
- Submitted to DST –SATYAM scheme and shortlisted for Presentation in Feb 2016
4. Development of Wireless Flexible ECG Bio Sensor for Health Monitoring and Tracking of Elderly People.
- Submitted to DST – TIDE scheme in November 2015.

3. Organization : DMI College of Engineering, Palanchur, Chennai - 123.
Duration : 15.03.2010 to 30.04.2011
Position : Dean (PG Studies & Research)

Responsibilities:

1. Delivered Lectures and project guidance for the PG Students.
2. Coordinating all the Engineering PG Programs in the campus.
3. Coordinating the research activities of all departments in the campus.

Contributions:

- * Standardized the conduct of Engineering PG programs.
- * Established five independent research centres in the campus with the members from UG, PG and the faculty members to motivate collaborative research work.

4. Organization: INTI International College Penang, 11900, Penang, Malaysia.
Duration : 18.01.2007 to 30.04.2010
Position : **Lecturer / SOEAT (on Contract)**

Responsibilities:

1. Delivering Lecture for the B.Engg degree program offered by University of Bradford, UK.
2. DIRECTOR of the Centre for Applied Research and Design (CARD).
3. Project Coordinator for the degree projects of the BEEUB course.
4. Member of Robotic committee of INTI – SOEAT.

Subjects Taught for the BEEUB Degree Program of University of Bradford, UK.

Subject Name

Software used

v

RF and Microwave Circuit Design	ADS 2005
Digital Design Using HDL	Altera Quartus II -
Digital Signal Processing	MATLAB 2007a
Mobile Communication Networks	OPNET IT GURU
Mobile and Satellite Communication	
Transmission Principles	

Projects Guided for the degree students (BEEUB)

1. Design of Low Noise Amplifier for GSM at 1.9GHZ
2. Pattern Recognition For Robots to recognize different objects using Image Segmentation.
3. Wavelet based Image Enhancement using Bayes Thresholding.
4. Implementation of face recognition system for personal authentication.
5. Finger print recognition system.
6. Iris recognition for personal identification and authentication.

5. Organisation : **Sona College of Technology** (www.sonatech.ac.in), Salem – 5, TN, India

Duration : 14.09.2005 to 10.03.2010

Position : **Asst. Prof. / ECE (PG).**

Responsibilities:

1. Delivered Lectures and project guidance for the PG Students.
2. Staff Coordinator for IEEE Student Branch of the institution.
3. Staff-in-Charge for the ISO quality Management of the Dept.

Subjects Handled:

Subject Name	Programme
Advanced Digital Signal Processing	M.E. (Commn. Systems)
Digital Image Processing	M.E. (Commn. Systems)
Digital Signal Processing ICs	M.E. (VLSI Design)

6. Organisation : **P S R Engineering College** (www.psr.edu.in), Sivakasi – 626140, TN, India

Duration : 01.10.2001 to 01.09.2005 (4 Yrs)

Position : **Asst. Prof. & Head, Department of Elect & Commn. Engg.**

Administrative Skills:

- Ø Establishment of various laboratories related to the academic and the research work of ECE dept.
- Ø Entered into an **MoU** with

- ü I – tech Labs, Bangalore.,
 - ü VI Microsystems Pvt Ltd, Chennai,
 - ü SANDS Instrumentation Pvt Ltd, Chennai.
- to enhance the Industry – Institute Interaction.

Ø Conducted **Evening Courses** on

- ü VLSI Design
- ü Embedded Systems

in the campus in association with I-tech Labs.

Ø Formed an association for the members of ECE to expose and develop the individual inherent talents in current technologies related to ECE.

Ø Organised various National Level Symposiums, Training Programmes, Guest Lectures through the association.

Ø Formed a **HOBBY CLUB** to encourage the students in designing and fabrication of electronic circuits for real time applications.

Ø Conducted hardware contests and Science Exhibitions in the campus to create awareness among the school students.

Projects Guided :

Name of the Project	Programme	Area of Work
Removal of Impulse Noise from Corrupted Images	M.E (Applied Electronics)	Image Processing
Digital Image Watermarking Technique Based on One Way Hash Function	B.E (ECE)	Image Processing
Noise Removal from images Using Tri – state Median Filtering	B.E (ECE)	Image Processing
Lossless Compression of Bi-level Error Diffused Images using Baye’s Theorem	B.E (ECE)	Image Processing
Image Compression Using Variable Block Size Segmentation	B.E (ECE)	Image Processing

7. Organisation : **A.K.College of Engg** (www.akce.ac.in), Krishnan coil- 626 190, Virudhunagar Dist., TN, India

Duration : 01.12.2000 to 28.09.2001.

Position : **Sr. Lect. / Member in TIFAC –CORE (VLSI).**

Subjects Handled:

PC &PC Based Systems
Digital System Design

Projects Guided :

Name of the Project	Programme	Area of Work
Simulation of Reed Muller Channel CODEC for Tetra mobile communication system	B.E.(ECE)	VLSI
Design and Synthesis of RISC Microcontroller using VHDL	B.E.(ECE)	VLSI
Error Detection and Correction using VHDL	B.E.(ECE)	VLSI
UART Design using VHDL	B.E.(ECE)	VLSI
Voice Compression using VHDL	B.E.(ECE)	VLSI
Verilog Implementation of Programmable Peripheral Interface	B.E.(ECE)	VLSI

8. Organisation : **The Indian Engineering College**, Vadakkangulam – 627116, Tirunelveli
Dist.

Duration : 27.06.1997 to 30.11.2000.

Position : **Lecturer**



Connect
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-
-
-
-
- Thirumalaivasan Rajaram
- 2nd degree connection2nd
-

Associate Professor, School of Electrical Engg., Vellore
Institute of Technology, Vellore, Tamilnadu, India

- Tamil Nadu, India
- 197 connections

• **Contact info**



- **Vellore Institute of Technology**



- **Anna University**

Highlights



1 mutual connection

You and Thirumalaivasan both know Xiao-Zhi Gao

Activity

194 followers

Posts Thirumalaivasan created, shared, or commented on in the last 90 days are displayed here.

[See all activity](#)[See all activity](#)

Experience



Associate Professor

Company Name

Vellore Institute of Technology
Dates Employed Jul 2010 – Present
Employment Duration 10 yrs 7 mos
Location India



Postdoctoral Researcher

Company Name

Singapore University of Technology and Design (SUTD)
Dates Employed Aug 2015 – Jul 2016
Employment Duration 1 yr
Location Singapore

Education

-



Anna University

Degree Name M.Tech

Field Of Study Laser and Electro Optical Engineering Dates attended or expected graduation 2002 – 2003



Name : Dr. G. Giridhar
Address : Director, Solar Radiation Resource Assessment,
National Institute of Wind Energy, Velachery-Tambaram Main
Road, Pallikaranai, Chennai-600100
D.O.B : 03.11.1959
Present Occupation : Director, Ministry of New and Renewable Energy (MNRE),
Government of India, New Delhi
Presently posted as Director,
Solar Radiation Resource Assessment (SRRA)
National Institute of Wind Energy, Chennai
Contact Details : Mobile: +91- 9445798022
Office: 044-22463996
Residence: 044-22461925
Email : ggiridhar@cwet.res.in / ggd_cdp@yahoo.co.in

Educational Qualification : Details in table below

Sl. No	Education Details	Subject	Year	Name of the Institution
1	Ph. D.	Utilization of Biomass	1987	IIT, Delhi
2	M.Sc	Organic Chemistry with specialization on Forest Products Chemistry	1981	Sri Venkateswara University, Tirupathi, AP
3	B.Sc	Geology, Physics, Chemistry	1971	Government Arts College, Kadapa, AP
4	Intermediate	Biology, Physics & Chemistry	1976	Board of Higher Secondary School, AP
5	S.S.L.C	Science, Social, Maths, Telugu	1974	Board of Secondary Education, AP

1. Joined for Ph. D., IIT, Delhi in the year 1982 and completed in 1987 on, **“Integrated Utilization of Biomass Studies on Calotropis procura and Bougainvillea”**
2. Completed Masters degree in Organic Chemistry with specialization on Forest Products Chemistry from Sri Venkateswara University, Tirupathi 1981.
3. Worked as Senior Scientific officer in IIT, Delhi till 1989
4. Joined Region Office, Chennai, Ministry of New and Renewable Energy Source in 1989, as Senior Scientific Officer and monitored various Renewable Energy technologies established in field with the support of the Ministry.

5. In 2006, transferred to Solar Energy Center, Gurgaon, a specialized R&D institution established under the Ministry as in charge of Solar Thermal Division.
6. In 2009, shifted to Bio Gas division, Ministry Head Quarters in New Delhi, for Power Generation Programs, Solar Cities and Solar Steam Generation divisions.
7. Presently is posted from the Ministry to C-WET, Chennai as Director in the Solar Radiation Resource Assessment (SRRA) Project.
8. As Director established a network of 115 Solar Radiation Resource Assessment (SRRA) stations and 4 Advanced Measurement Stations (AMS) in potential areas of the country. Involved in solar data collection, data processing, quality control and in the preparation of Solar Atlas of India.
9. Areas of interest are Energy Independence for Educational Institutions, Biogas for power generation, Solar Radiation Resource Assessment and Off-Grid Solar Energy Technologies.
10. As part of official duties visited London, China, Spain, France and USA to study the international developments taking place in the fields of High Rate Biomethanation, Solar Energy Technologies and Radiation Resource Assessment Technologies.

Recent Publications :

1. "Field experience with the operation of solar radiation resource assessment stations in India" published by ScienceDirect, Energy Procedia 49 (2014) 2351-2361.
2. Paper entitled, "Solar Resource Assessment and Mapping of India", published in the Proceedings of International Conference **18th Solar Paces**, held at Marrakech, Morocco from 11th to 14th September, 2012.
3. Paper entitled "Advances in Solar Radiation Resource Assessment in India" published in the Proceeding of **27th EU PVSEC-2012**, held on 24th to 28th September, 2012 in Frank Fort, Germany.
4. Paper entitled "Solmap: Project In India's Solar Resource Assessment" published in the proceeding of conference on **RE Vision** held on 1st to 2nd October, 2012 in the University of Oldenburg, Germany.
5. A chapter on **Applications in Utilization of Energy from Waste** in the Book on "**Sanitation and Energy UN Habitat for a Better Urban Future**" Published by Sulabh International, New Delhi.
6. Article on "Solar Radiation Resource Assessment Project in India" Published in the Akshay Urja, Magazine.
7. Attended as Guest Speaker, Chief Guest, in many Engineering College Technical Conferences and presented papers on various issues on Renewable Energy in National and International.



P.Daivaraj

Project Manager at Ford Motor Company

- India

Experience

-

Company NameFord Motor Company

Total Duration4 yrs 10 mos

- **Title**Project Manager

Full-time

Dates EmployedSep 2020 – Present

Employment Duration5 mos

LocationIndia

- **Title**Lead Engineer

Dates EmployedApr 2016 – Present

Employment Duration4 yrs 10 mos

LocationChennai, Tamil Nadu, India

- **Technical Lead**

Company Name

Hyundai MOBIS

Dates EmployedOct 2013 – Apr 2016

Employment Duration2 yrs 7 mos

LocationHyderabad, Telangana, India

Employee of the year 2015

- **Senior Programmer**

Company Name

SRM Technologies

Dates EmployedMar 2011 – Oct 2013

Employment Duration2 yrs 8 mos

LocationChennai, Tamil Nadu, India

Education

- **Tamil Nadu Doctor Ambedkar Law University**
Degree Name MCL
Field Of Study Business/Corporate
Communications
Dates attended or expected graduation 2017 – 2019 MCL
- **Pondicherry University**
Degree Name Master of Business Administration
(M.B.A.)
Field Of Study Human Resources
Development
Dates attended or expected graduation 2010 – 2012
- **Anna University**
Degree Name Bachelor of Engineering (B.E.)
Field Of Study Electrical, Electronics and Communications
Engineering
Dates attended or expected graduation 2006 – 2010
Consecutive 3 times winner of Robotics competition in Anna university Chennai
- **Grace Matriculation**
Degree Name maths, physics, computer science Dates attended or expected graduation 1999 – 2006



PRATHYUSHA ENGINEERING COLLEGE

ESTD. 2001

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

MEMBERS OF ACADEMIC ADVISORY COUNCIL (2017-18)

S.No.	Name of the Member	Role	Designation and Organisation
1	Dr.S.Krishnakumar	Chairman	HoD/Chairman, EEE, Prathyusha Engineering College
2	Dr.K.C.Jayasankar	Senior Faculty	Associate Professor ,EEE, Prathyusha Engineering College
3	Ms.M.Preetha	Senior Faculty	Associate Professor ,EEE, Prathyusha Engineering College
4	Dr.P.Somasundaram	Academic mentor	Professor / EEE / Power System Division Anna University
5	Dr.M.Prabhakar	Academic mentor	Associate Professor/SELECT/VIT Chennai
6.	Dr.G.Giridhar	Industrial mentor	Director and Division head, SRRA
7.	Dr.P.Dharmalingam	Industrial Mentor	Director/Ensava Consultancy
8.	Mr.S.Selvakumar	Industrial Mentor	Managing Director/ Power Projects
9.	SD Parvez Hussain	Alumni from Industry	Technology Analyst, CSI Interfusion
10.	Mr.T.Vinodkumar	Alumni from Industry	Alumni/CAPE Electric Private limited

Contact

www.linkedin.com/in/krishna-kumar-s-0574a552 (LinkedIn)

Top Skills

Teaching
Power Electronics Design
Solar Power

Languages

English (Professional Working)
Tamil (Full Professional)
Telugu (Native or Bilingual)

Publications

BELBIC control of DSTATCOM for voltage regulation

Krishna kumar S

Professor, EEE , Ramachandra College of Engineering
East Godavari

Summary

Teaching UG and PG students with a proven talent for developing training programs, managing implementations and providing continuous improvement in teaching learning process. Developed and implemented new training procedures and course materials for existing equipments

Experience

Ramachandra College of Engineering, NH-5, Bypass Road, Vatluru (V), Eluru, PIN- 534007(CC-ME)
formerProfessor
July 2018 - Present (2 years 10 months)
Eluru Area, India

Prathyusha Engineering college
Professor and HoD
July 2007 - April 2018 (10 years 10 months)
Chennai Area, India

Worked as Professor and Head of Department ,EEE department in Prathyusha Engineering College

Easwari Engineering College(SRM Group)
Lecturer
July 2006 - December 2006 (6 months)
teaching UG students in Electrical and Electronics Engineering

Sriram Engineering College
Lecturer
July 2001 - June 2006 (5 years)
teaching UG students in electrical and electronics engineering , NBA coordinator

Education

College of Engineering, Anna Univesity

Doctor of Philosophy (Ph.D.), Power Electronics · (2010 - 2017)

College of Engineering, Anna University

Master's Degree, Power Electronics and Drives · (2004 - 2007)

hindustan college of engineering, University of Madras

Bachelor's Degree, Electrical and Electronics Engineering · (1992 - 1996)

Maraimalai Adighal Govt Higher Secondary School

· (1985 - 1991)

Contact

www.linkedin.com/in/jayasankar-k-c-1ba177135 (LinkedIn)

JAYASANKAR K C

Associate Professor at PRATHYUSHA ENGINEERING COLLEGE
Chengalpattu

Experience

PRATHYUSHA ENGINEERING COLLEGE

Associate Professor
May 2013 - Present (8 years)

SIVA INSTITUTE OF FRONTIER TECHNOLOGY

ASSOCIATE PROFESSOR & HOD

May 2012 - April 2013 (1 year)

CHENNAI

SRM University (Sri Ramaswamy Memorial University)

ASSISTANT PROFESSOR

July 2007 - April 2012 (4 years 10 months)

Bharath University

LECTURER

July 2006 - June 2007 (1 year)

Education

Madha Engineering College

Master of Engineering - MEng, POWER ELECTRONICS &
DRIVES · (2004 - 2006)

Vellore Institute of Technology

Bachelor's Degree, Electrical and Electronics Engineering · (1996 - 1999)

Government Boys Higher Secondary School, Arakonam

High School · (1990 - 1993)

Name of the College	1114 - PRATHYUSHA ENGINEERINGCOLLEGE
Name of the Department	ELECTRICAL AND ELECTRONICSENGINEERING
Name of the Degree & Course	B.E. - ELECTRICAL AND ELECTRONICSENGINEERING
Name of the faculty member	MRS. PREETHA M
Regular Or Adjunct	Regular
Present Designation	ASSOCIATE PROFESSOR
Residential Address Line 1	FLAT NO 7, ARAVINDH APTS, PADDYFIELD ROAD
Line 2	PERAMBUR, 600011
District	CHENNAI
Mobile number	+91 - 9841261765
Email	PREETHAVALLI@GMAIL.COM
Gender	FEMALE
Community	BC
PAN Number	ATMPP2621F
Aadhar Number	672414093207
Faculty code given by C.O.E.	1114272
Faculty code given by A.I.C.T.E.	2190789866
Date of Birth	16-08-1980

I. Particulars of Educational Qualification : (only completed)

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained / Ph.D. Awarded (Y/N)	Class obtained
P.G.	M.TECH.	OTHERS - VLSI DESIGN	2002	OTHERS - SATHYABAMA UNIVERSITY	OTHERS - SATHYABAMA UNIVERSITY	7.25	FIRST CLASS

IV. Academic Experience :
(Start from the Current working Experience) *

Name of the College	Designation	Joining Date	Relieving Date / Current Date for Presently Working Institutions	Experience		
				Years	Months	Days
OTHERS - RAJARAJESWARI ENGINEERING COLLEGE	ASSISTANT PROFESSOR	27-12-2006	20-07-2007	0	6	25
SRI MUTHUKUMARAN INSTITUTE OF TECHNOLOGY	ASSISTANT PROFESSOR	23-07-2007	31-05-2012	4	10	9
PRATHYUSHA ENGINEERING COLLEGE	ASSOCIATE PROFESSOR	23-01-2017	21-12-2017	0	10	30
SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY	ASSISTANT PROFESSOR	02-07-2012	19-05-2014	1	10	18
PRATHYUSHA ENGINEERING COLLEGE	ASSISTANT PROFESSOR	02-06-2014	21-01-2017	2	7	20
Total				10	10	18

V. Industrial Experience :

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
EDUCOMP DATAMATICS PRIVATE LTD	RESOURCE COORDINATOR	SYSTEM MANAGER	03-06-2004	15-11-2006	2	5	13
Total					2	5	15

Cellphone : 9566057532

e-Mail ID : mpsomasundaram@annauniv.edu

Address : L-IX/5, Valluvar Block, Staff Quarters, Anna
University, Gandhi Mandapam Road, Chennai - 600
025.

Present Position

Professor, Department of Electrical and Electronics Engineering, College of Engineering Guindy, Anna University, Chennai from May-2015.

Previous Positions

- > Associate professor, Department of Electrical and Electronics Engineering, College of Engineering Guindy, Anna University, Chennai during May-2012 and May-2015.
- > Assistant Professor, Division of Power System, College of Engineering Guindy, Anna University, Chennai during May-2009 and May-2012.
- > Lecturer Sr. Grade, Division of Power System, College of Engineering Guindy, Anna University, Chennai during May-2005 and May-2009.
- > Lecturer, Division of Power System, College of Engineering Guindy, Anna University, Chennai during December-2003 and May-2005.
- > Teaching Research Associate, Division of Power System, College of Engineering Guindy, Anna University, Chennai during November-2000 and December-2003.

Previous Additional Responsibility

- > Professor Incharge Of Power Engineering And Manage, , Anna University, Chennai during January-2015 and January-2018.
- > Zonal Officer, Office of the COE, Anna University, Anna University, Chennai during August-2008 and July-2017.
- > Programme Officer, National Service Scheme, Anna University, Chennai during December-2004 and December-2007.
- > Resident Counselor, Boys Hostel, Anna University, Chennai during January-2001 and May-2005.
- > , , Anna University, Chennai.

Other Employment

- LECTURER, R.M.K. Engineering College for 1 year.

Degree

- ❖ M.E. in POWER SYSTEMS ENGINEERING , Faculty of Engineering, Annamalai University (1998 - 1999).
- ❖ B.E. in ELECTRICAL AND ELECTRONICS ENGINEERING , KSR College of Technology, Madras University (1994 - 1998).

Research Degree

- ❖ Ph.D. in Power Systems from Faculty of Electrical Engineering, College of Engineering, Guindy, Anna University (2000 - 2005).
Title: Evolutionary Programming Based Algorithms for Security Constrained Economic Dispatch in Power Systems.

Area of Specialisation

- Power Systems
- AI Applications to Power System Problems
- Hybrid Microgrid
- Renewable Energy
- HVDC & FACTS

Membership in Professional Organization

- Indian Society for Technical Education (ISTE)

Research Guidance

Number of Ph.D Scholars Guided	11
Number of Ph.D Scholars Guiding	5
Number of M.E./ M.Tech. Projects Guided	30
Number of M.E./ M.Tech. Projects Guiding	12

Papers Published in Journals

Research Papers Published in International Journals	49
Research Papers Published in National Journals	0

1. Somasundaram P., Kuppusamy K. and Kumudini Devi R.P., " Economic dispatch with prohibited operating zones using fast computation evolutionary programming algorithm", International Journal of Electric Power Systems Research, published by Elsevier. Vol. 70, Issue 3, pp. 245-252 (2004).
2. Somasundaram P., Kuppusamy K. and Kumudini Devi R.P., "Evolutionary programming based economic dispatch with line flow constraints", International Journal of Computational Engineering Science, published by World Scientific Publishing Co. Vol. 5, Issue 1, pp. 81-90 (2004).
3. Somasundaram P., Kuppusamy K. and Kumudini Devi R.P., "Evolutionary programming based security constrained optimal power flow", International Journal of Electric Power Systems Research, published by Elsevier. Vol. 72, Issue 2, pp. 137-145 (2004).
4. Somasundaram P. and Kuppusamy K., "Application of Evolutionary programming to security constrained Economic Dispatch", International Journal of Electrical Power and Energy Systems, published by Elsevier. Vol. 27, Issue 5, pp. 343-351 (2005).
5. Somasundaram P., Lakshmiramanan R. and Kuppusamy K., "Hybrid Algorithm Based on EP and LP for Security Constrained Economic Dispatch Problem", International Journal of Electric Power Systems Research, published by Elsevier. Vol. 76, Issue 1, pp. 77-85 (2006).
6. Somasundaram P., Kuppusamy K. and Kumudini Devi R.P., " Fast Computation Evolutionary Programming Algorithm for the Economic Dispatch Problem", International Journal of European Transactions on Electric Power, published by Wiley . Vol. 16, pp. 35-47 (2006).
7. Somasundaram P., Lakshmiramanan R. and Kuppusamy K., "New approach with evolutionary programming algorithm to emission constrained economic dispatch", International Journal of Power and Energy Systems, published by ACTA Press. Vol. 26, Issue 3, pp. 291-295 (2006).
8. Ramesh Babu M., Somasundaram P., " PSO based pool strategies for deregulated power market", Journal of Electrical Engineering, published by Politehnica Publishing House. Vol. 9, Issue 1, pp. 46-55 (2009).
9. Prasanna T.S., Somasundaram P., " OPF with FACTS devices in Interconnected Power systems using fuzzy stochastic algorithms", International Journal of Power and Energy Conversion , published by Inderscience Publishers. Vol. 1, Issue 2, pp. 279 - 299 (2009).
10. Prasanna T.S., N.B.Muthuselvan, Somasundaram P., " Security Constrained OPF by Fuzzy Stochastic Algorithms in Interconnected Power Systems", International Journal of Electrical Systems, published by Mind Reader Publications. Vol. 5, Issue 1, pp. 1-16 (2009).
11. Prasanna T.S., Somasundaram P., " Multi-area security constrained economic dispatch by fuzzy - stochastic algorithms", International Journal of Theoretical and Applied Information Technology, published by Little Lion Scientific. Vol. 5, Issue 1, pp. 88-94 (2009).
12. Prasanna T.S., M.Devesh Raj, Somasundaram P., "DC OPF of Interconnected Power System using Fuzzified Evolutionary Algorithms", Iranian Journal of Electrical and Computer Engineering, published by IRIEE-ACECR. Vol. 8, Issue 2, pp. 126-132 (2009).

13. Muthu Selvan, N. B. and Somasundaram, P., "Application of Tabu Search Algorithm to Security Constrained Economic Dispatch", Journal of Theoretical and Applied Information Technology, published by Little Lion Scientific. Vol. 5, Issue 5, pp. 602-608 (2009).
14. Somasundaram, P. and Muthu Selvan, N. B., "A Modified Particle Swarm Optimization Technique for Solving Transient Stability Constrained Optimal Power Flow", Journal of Theoretical and Applied Information Technology, published by Little Lion Scientific. Vol. 13, Issue 2, pp. 154-164 (2010).
15. Jothi Swaroopan, N.M. and Somasundaram P., " A Novel Combined Economic and Emission Dispatch Control by Hybrid Particle Swarm Optimization Technique", Majlesi Journal of Electrical Engineering, published by ResearchBib. Vol. 4, Issue 2, pp. 19-24 (2010).
16. Silas Stephen, D. and Somasundaram, P., "Fuzzy Mutated Evolutionary Programming based Algorithm for Multi-Objective Reactive Power Optimization", International Journal of Electrical Engineering, published by RI publications. Vol. 3, Issue 3, pp. 137-146 (2010).
17. Jothi Swaroopan, N.M. and Somasundaram, P., " Fuzzified PSO Algorithm for DC-OPF of Interconnected Power System", Journal of Theoretical and Applied Information Technology, published by Little Lion Scientific . Vol. 17, pp. 1-10 (2010).
18. P. Somasundaram and N. M. Jothi Swaroopan, "Fuzzified Particle Swarm Optimization Algorithm for Multi-area Security Constrained Economic Dispatch", Electric Power Components and Systems, published by Taylor & Francis Group. Vol. 39, pp. 979-990 (2011).
19. Muthu Selvan, N. B., Devesh Raj, M. and Somasundaram, P., "Cauchy – Gaussian infused Particle Swarm Optimization for Economic Dispatch with Wind Power Generation", International Review of Electrical Engineering, published by Praise Worthy Prize. Vol. 6, Issue 1, pp. 387-395 (2011).
20. S. V. Anbuselvi, R. P. Kumudini Devi, P. Somasundaram, and T. S. Nargunadevi, "Small Signal Stability Analysis of Power System with VSC Based HVDC Link Employing Phase Angle Control", International Review on Modelling & Simulations, published by Praise Worthy Prize. Vol. 5, Issue 5, pp. 2251-2260 (2012).
21. Ramesh Babu M., Somasundaram P., "Risk invoked self-scheduling of a genco in the day-ahead energy market", ARPN Journal of Engineering and Applied Sciences, published by Asian Research Publishing Network. Vol. 7, Issue 2, (2012).
22. Silas Stephen, D. and Somasundaram, P., "Solution for Multi-Objective Reactive Power Optimization using Fuzzy Guided Tabu Search", Arabian Journal of Science and Engineering, published by Springer. Vol. 37, Issue 8, pp. 2231-2241 (2012).
23. Ramesh Babu M., Somasundaram P., "Profit based self scheduling of the genco's by using particle swarm optimization", U.P.B. Scientific. Bulletin., Series C : Electrical Engineering, published by University Politehnica of Bucharest. Vol. 74, Issue 2, pp. 205-222 (2012).
24. Ramesh Babu M., Somasundaram P., "Risk invoked emission constrained self-scheduling of a genco: a multi objective approach", International Review Of Electrical Engineering, published by Praise Worthy Prize. Vol. 7, pp. 4271-4282 (2012).

25. Muthu Selvan, N. B. and Somasundaram, P., "Particle Swarm Optimization Technique using Gaussian and Cauchy Probability Distribution Function for Optimal Power Flow Problem", International Journal of Power and Energy Conversion, published by Inderscience. Vol. 3, Issue 1, pp. 42-53 (2012).
26. Silas Stephen, D. Devesh Raj, M. and Somasundaram, P., " Solution for Multi-Objective Reactive Power Optimization Problem using Fuzzified Particle Swarm Optimization Algorithm", International Review of Electrical Engineering, published by Praiseworthyprize. Vol. 7, Issue 1, pp. 3486-3494 (2012).
27. Silas Stephen, D. Devesh Raj, M. and Somasundaram, P., "Fuzzy based Stochastic Algorithms for Multi-Objective Reactive Power Optimization including FACTS Devices", International Journal of Electrical Engineering and Informatics, published by School of Electrical Engineering and Informatics. Vol. 4, Issue 2, pp. 245-260 (2012).
28. Ramesh Babu M., Somasundaram P., "Risk-invoked self-scheduling of a genco in a day-ahead energy and spinning reserve market", IEEJ Transactions on Electrical and Electronic Engineering, published by Wiley. Issue 8, pp. 40-48 (2013).
29. S. Abdul Rahman and P. Somasundaram, "Voltage sag and swell compensation using AC/DC converters", Australian Journal of Electrical and Electronics Engineering , published by Engineers Australia. Vol. 11, Issue 2, pp. 186-194 (2014).
30. M. Devesh Raj, N. B. Muthuselvan & P. Somasundaram, " Swarm-Inspired Artificial Bee Colony Algorithm for Solving Optimal Power Flow with Wind Farm", Arabian Journal for Science and Engineering, published by Springer. Vol. 39, Issue 6, pp. 4775-4787 (2014).
31. S.Vimalraj and P.Somasundaram, "Fault Detection, Isolation And Identification Of Fault Location In Low-Voltage Dc Ring Bus Microgrid System", Advanced Research in Electrical, Electronics and Instrumentation Engineering , published by IJAREEIE. Vol. 3, Issue 2, pp. 570-582 (2014).
32. NEKKANTI S S S CHANDRA and P.SOMASUNDARAM, " Fast Control Strategy For Stabilizing Fixed Speed Wind Turbines in an Islanded Distributed System", Advanced Research in Electrical, Electronics and Instrumentation Engineering , published by IJAREEIE. Vol. 3, Issue 2, pp. 344-354 (2014).
33. M. Chandran , S. Ravindra kumar and P. Somasundaram, " Smart and Adaptive Over Current Protection for Distribution System with Distributed Generation", Advanced Research in Electrical, Electronics and Instrumentation Engineering , published by IJAREEIE. Vol. 3, Issue 2, pp. 102-111 (2014).
34. S. Abdul Rahman, P. Somasundaram & P.A. Janakiraman, "Mitigation of Voltage Sag and Swell Using Direct Converters with Minimum Switch Count", Journal of Power Electronics, published by The Korean Institute of Power Electronics . Vol. 14, Issue 6, pp. 1314-1321 (2014).
35. Thiyagarajan V. and Somasundaram P., "Optimization of Grid – Connected Solar Array Using P & O Based MPPT Algorithm with Current Reference Converter", International Journal of Applied Engineering Research, Vol. 10, Issue 4, pp. 3782-3786 (2015).

36. S. Abdul Rahman, P.A. Janakiraman and P. Somasundaram, " Voltage Sag and Swell Mitigation based on Modulated Carrier PWM", International Journal of Electrical Power and Energy Systems, published by Elsevier. Vol. 66, pp. 78-85 (2015).
37. Karthikeyan A., Thiyagarajan V.,Somasundaram P., " Comparative analysis of PWM techniques for Photovoltaic application with HERIC inverter", Journal of Advances in Chemistry, Vol. 12, Issue 16, pp. 4950-4955 (2016).
38. Thiyagarajan V. and Somasundaram P., "Performance Analysis of Photovoltaic Array with H5 Inverter under Partial Shading Conditions", International Journal of Innovation and Scientific Research, Vol. 22, Issue 1, pp. 164-177 (2016).
39. S.V. Anbuselvi, P. Somasundaram, and R.P. Kumudini Devi, "Impact of current controller dynamics in small signal stability analysis of two terminal VSC-HVDC system employing grid voltage vector orientation control", INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS, published by John Wiley & Sons, Ltd.. Vol. 26, pp. 730-749 (2016).
40. V. Thiyagarajan & P. Somasundaram, "Analysis of Multicarrier PWM techniques for Photovoltaic fed Cascaded H-Bridge Multilevel Inverter", Journal of Electrical & Electronics Engineering , published by University of Oradea. Vol. 10, Issue 1, pp. 85-90 (2017).
41. V. Thiyagarajan & P. Somasundaram, " New Asymmetric Seven Level Inverter with Minimum Number of Voltage Sources and Switches", Journal of Electrical Engineering , published by Politehnica Publishing House. Vol. 17, Issue 3, pp. 354-359 (2017).
42. V. Thiyagarajan & P. Somasundaram, "Modeling and Analysis of Novel Multilevel Inverter Topology with Minimum Number of Switching Components", Computer Modeling in Engineering & Sciences, published by Tech Science Press. Vol. 113, Issue 4, pp. 461-473 (2017).
43. V. Thiyagarajan & P. Somasundaram, "Modified Seven Level Symmetric Inverter with Reduced Switch Count", Advances in Natural and Applied Sciences, published by BYAENSI Publication. Vol. 11, Issue 7, pp. 264-271 (2017).
44. S.V. Anbuselvi, P. Somasundaram, and R.P. Kumudini Devi, "Loss minimization in wind farm integrated AC/DC system by optimal injections and droop settings of VSC-MTDC systems", Turkish Journal of Electrical Engineering and Computer Sciences, published by The Scientific and Technological Research Council . Vol. 25, Issue 3, pp. 1693-1711 (2017).
45. Thiyagarajan V. and Somasundaram P., "Modified Nine Level Inverter with Reduced Number of Switches", International Journal of Control Theory and Applications, published by International Science Press. Vol. 10, Issue 2, pp. 217-225 (2017).
46. V. Thiyagarajan & P. Somasundaram, "Multilevel Inverter Topology with Modified Pulse Width Modulation and Reduced Switch Count", Acta Polytechnica Hungarica, published by Óbuda University. Vol. 15, Issue 2, pp. 141-167 (2018).
47. V. Thiyagarajan & P. Somasundaram, "A New Seven Level Symmetrical Inverter with Reduced Switch Count", International Journal of Power Electronics and Drive Systems, published by Institute of Advanced Engineering and Science. Vol. 9, Issue 2, pp. 921-925 (2018).

48. V. Thiyagarajan & P. Somasundaram, "DESIGN OF NEW SYMMETRICAL NINE LEVEL INVERTER WITH REDUCED NUMBER OF SWITCHES ", Revue roumaine des sciences techniques, published by Romanian Academy. Vol. 63, Issue 2, pp. 196-201 (2018).
49. V. Thiyagarajan & P. Somasundaram, "New Asymmetric 21-Level Inverter with Reduced Number of Switches", The Journal of Engineering Research, published by Sultan Qaboos University. Vol. 16, Issue 1, pp. 18-27 (2019).

Sponsored Projects Completed

1. "Power Evacuation Studies for Grid Integrated Wind Energy Conversion System", funded by Centre for Wind Energy Technology (February-2010 - February-2013). Project Cost: 1600800.00.
2. "Study to Assess the Consumption of Agricultural and Hut Services And T&D Loss in the TANGEDCO Grid", funded by TANGEDCO (December-2011 - December-2012). Project Cost: 1000000.00.

Programme Chaired

1. Chairman, International level conference titled "International Conference on Electrical Energy Systems - ICEES 2014" conducted by SSN College of Engineering from 08-Jan-2014 to 08-Jan-2014.
2. National level conference titled "Recent Trends in Power and Energy Engineering (RTPEE-2014)" conducted by SSN College of Engineering from 10-Apr-2014 to 10-Apr-2014.

Programme Organized

1. Coordinator , National level workshop on "Microcontroller Based Circuit Design" from 01-Dec-2006 to 02-Dec-2006.
2. Coordinator , National level Short Course on "FDP on Power System Analysis" from 03-Dec-2007 to 15-Dec-2007.
3. Coordinator , National level Short Course on "FLEXIBLE AC TRANSMISSION SYSTEMS" from 27-Sep-2010 to 29-Sep-2010.
4. Coordinator , National level Short Course on "Grid Integration of Renewable Energy Sources and Reactive Power Management & CDM" from 20-Jan-2011 to 22-Jan-2011.
5. Coordinator , National level Short Course on "Integration of Renewable Energy into Grid, Smart Grid Concepts and Embedded System Application" from 24-Nov-2011 to 26-Nov-2011.
6. Coordinator , National level Short Course on "Digital Simulation of Power Systems" from 07-Mar-2012 to 09-Mar-2012.
7. Coordinator, National level Short Course on "SEVEN DAYS FDTP ON FLEXIBLE AC TRANSMISSION SYSTEMS" from 02-Dec-2014 to 08-Dec-2014.

8. Coordinator, National level workshop on "TWO DAYS WORKSHOP ON MODERN POWER SYSTEM ANALYSIS TOOLS" from 12-Feb-2015 to 13-Feb-2015.
9. Convener, National level conference on "UGC Sponsored National Conference on Smart Grid and Renewable Energy Sources" from 20-Mar-2015 to 21-Mar-2015.
10. Coordinator, National level workshop on "TEN DAYS WORKSHOP ON ELECTRICAL SYSTEM SIMULATION TOOLS" from 15-Jun-2015 to 25-Jun-2015.
11. Coordinator, National level workshop on "ONE DAY WORKSHOP ON SIMULATION OF POWER SYSTEM TRANSIENTS: EMTP-RV" from 24-Jul-2015.

Programme Attended

1. Attended a National level Short Course on "Power Electronics" organized by Anna University, INDIA from 01-Jun-2009 to 07-Jun-2009.
2. Attended a National level Short Course on "Advance Control Systems" organized by Anna University, INDIA from 08-Jun-2009 to 14-Jun-2009.
3. Participated in a National level workshop on "Recent Trends in Crystal Growth" organized by Anna University, INDIA from 30-Mar-2010 to 30-Mar-2010.
4. Attended a National level Short Course on "Electromagnetic Theory" organized by Anna University, INDIA from 07-Jun-2010 to 13-Jun-2010.
5. Attended a National level Short Course on "Power Quality" organized by Anna University, INDIA from 01-Dec-2010 to 07-Dec-2010.
6. Participated in a National level workshop on "PSCAD Power System Simulator" organized by Anna University, INDIA from 11-Aug-2011 to 12-Aug-2011.
7. Attended a National level Short Course on "Soft Computing With AI" organized by Sri Sairam Institute of Technology, INDIA from 15-Sep-2011 to 28-Aug-2011.
8. Attended a National level Short Course on "Fundamentals of Nanoscience and Technology" organized by Anna University, INDIA from 07-Dec-2011 to 21-Dec-2011.
9. Attended a National level seminar on "Electrical Drives and Embedded Control" organized by CEG, Anna University, INDIA from 17-Dec-2012 to 21-Dec-2012.
10. Participated in a International level workshop on "Renewable Energy, Climate Change & Energy Management" organized by CEG, Anna University, INDIA from 24-Jan-2013 to 25-Jan-2013.
11. Participated in a International level workshop on "Second International Workshop on Advanced Functional Nanomaterials (SIWAN - 2013)" organized by Centre for Nanoscience and Technology and Centre for International Affairs, Anna University, INDIA from 28-Jan-2013 to 30-Jan-2013.

12. Attended a National level Short Course on "Internal Quality Assurance" organized by CEG, Anna University, INDIA from 12-Mar-2013.
13. Attended a National level Short Course on "Computational Intelligence in Smart Electric Power Grid" organized by SRM University, INDIA from 01-Apr-2013 to 06-Apr-2013.
14. Attended a National level Short Course on "FACTS Controller Application in Transmission Line" organized by Adhiparasakthi Engineering College , INDIA from 12-Jun-2013 to 25-Jun-2013.
15. Attended a National level Short Course on "Design of Electrical Machines" organized by CEG, Anna University, INDIA from 13-Dec-2013 to 20-May-2013.
16. Attended a National level Short Course on "Optimization of Different FACTS Control Parameter in Power System Network" organized by Adhiparasakthi Engineering College , India from 14-Jul-2014 to 19-Jul-2014.
17. Participated in a International level conference on "SOFTWARE DEFINED NETWORKING" organized by CEG, ANNA UNIVERSITY, India from 09-Aug-2019 to 10-Aug-2019.

Honours

1. "Best Paper Award" given by VIT University, Vellore from INDIA (2013).

Invited Lectures

1. Delivered a Lecture on "Economic Dispatch" in Anna University Sponsored FDTP on Power System Operation and Control organized by Easwari Engineering College, Chennai - 600089 (04-Jun-2010).
2. Delivered a Lecture on "Fuzzy Logic Application to Power System" in Application of Intelligent Techniques in the analysis and design of Electrical Systems organized by K.S.R College of Engineering, Tiruchengode - 637215 (29-Apr-2011).
3. Delivered a Lecture on "Recent Trends in Power Sys. Operation and Control" in Special Lecture organized by RMK College of Engineering and Technology, Puduvoyal, Chennai (14-Jul-2012).
4. Delivered a Lecture on "Assessment of PQ Characteristics of Wind Farms" in 12th National Training Course on Wind Energy Technology organized by Centre for wind Energy Technology, Chennai (19-Jul-2012).
5. Delivered a Lecture on "Assessment of PQ Characteristics of Wind Farms" in 9th International Training Course on Wind Turbine Technology and Applications organized by Centre for wind Energy Technology, Chennai (17-Sep-2012).
6. Delivered a Lecture on "Assessment of PQ Characteristics of Wind Farms" in 13th National Training Course on Wind Energy Technology organized by Centre for Wind Energy Technology, Chennai (12-Dec-2012).

7. Delivered a Lecture on "Recent Trends in Solar Photovoltaic Energy Convers" in CSIR sponsored national level workshop organized by Nandha Engineering College, Erode (20-Apr-2013).
8. Delivered a Lecture on "Artificial Intelligence and Fuzzy Logic in Power Systems" in One Day Technical Seminar organized by Meenakshi Sundararajan Engg. College, Chennai (16-Aug-2013).
9. Delivered a Lecture on "HVDC Transmission and FACTS" in FDTP on Transmission and Distribution (EE2303) organized by Eswari Engineering College, Chennai (28-Jun-2014).
10. Delivered a Lecture on "microgrid Control Strategies" in International conference for Phoenixes on Emerging Current Trends in Engineering And Management organized by Panimalar Engineering College, Chennai (10-Feb-2018).

BRIEF PROFILE

PERSONAL DETAILS:

Name	M. PRABHAKAR
Official Address	Professor, School of Electrical Engineering (SELECT), Vellore Institute of Technology, Chennai Campus, Vandalur – Kelambakkam Road, Chennai, India – 600127.
Mobile Number	9710491465 9498006965
e – Mail id:	prabhakar.m@vit.ac.in mprabhakar.ped@gmail.com

EDUCATIONAL QUALIFICATIONS:

DOCTOR OF PHILOSOPHY (2012)

Thesis Title: Study of Non-Isolated Resonant DC-DC Converter Topologies

Broad Area: Power Electronics

MASTER OF ENGINEERING (2000)

Specialisation Power Electronics and Drives

BACHELOR OF ENGINEERING (1998)

Branch Electrical and Electronics Engineering

TEACHING EXPERIENCE:

Total Teaching Experience **20 Years and 05 months** as on 31/10/2020.

No. of Ph.D's. Completed 1

No. of Ph.D Candidates under Guidance 3

Areas of Interest:

DC-DC Converters

DC Microgrids

Power Electronic Converters

Grid Integration of Renewable Energy Sources

PUBLICATION DETAILS:

Sl. No.	Type of Publication	Number of Publications (Last 5 years)	Total Number of Publications
1	International Journals	18	29
2	International Conferences	7	19
3	National Conferences	--	06

LIST OF JOURNAL PUBLICATIONS – UNDER REVIEW:

1. Amaleswari Rajulapatti, **M. Prabhakar**, "Coupled Inductor based High Gain Multi-Input Converter with Inherent Current Sharing Mechanism", submitted to Solar Energy, Under Review
2. Nilesh Kumar Ranjan, Shreyas Sharma, Sougata Chakraborty, **M. Prabhakar**, "Self-Lift Switched Coupled Inductor based High Gain DC-DC Converter", Submitted to International Transactions on Electrical Energy Systems (ITEES), Under Review.

LIST OF PUBLISHED JOURNALS (From 2015 till December 2020 – 5 years):

1. Vijay Joseph Samuel, Gna Keerthi, **M. Prabhakar**, "Non-isolated DC-DC Converter with Cubic Voltage Gain and Ripple-Free Input Current", IET Power Electronics, vol. 13, issue 16, pp. 3675-3685, Dec. 2020. **(Thomson Reuter Impact Factor TR IF – 2.672)**
2. Vijay Joseph Samuel, Gna Keerthi, **M. Prabhakar**, "Ultra High Gain DC-DC Converter with Ripple Free Input Current", International Transactions on Electrical Energy Systems, vol. 30, issue 11, e12622, Nov. 2020. **(TR IF – 1.692)**
3. R.Amaleswari, **M. Prabhakar**, "Non Isolated Multi Input DC-DC Converter with Current Sharing Mechanism", International Journal of Electronics, (Accepted, doi: 10.1080/00207217.2020.1789760). **(TR IF – 1.004)**
4. Vijay Joseph Samuel, Gna Keerthi, **M. Prabhakar**, "Interleaved Quadratic Boost DC-DC Converter with High Voltage Gain Capability", Electrical Engineering, Jun. 2020, vol. 102, issue 2, pp. 651 – 662. **(TR IF – 1.296)**
5. Vijay Joseph Samuel, Gna Keerthi, **M. Prabhakar**, "Coupled Inductor based DC-DC Converter with High Conversion Ratio and Smooth Input Current", IET Power Electronics, March 2020, vol.13, issue.4, pp. 733 – 743. **(TR IF – 2.839)**
6. Sri Revathi. B, **M. Prabhakar** and Francisco Gonzalez-Longatt, "Interleaved High Gain DC-DC Converter for Integrating Solar PV Source to DC Bus", Solar Energy, August 2019, vol.188, pp. 924 – 934. **(TR IF – 4.674)**
7. Sri Revathi. B and **M. Prabhakar**, "Non-isolated high gain DC–DC converter with low device stress and input current ripple", IET Power Electronics, Dec. 2018, vol.11, issue.15, pp.2553 – 2562. **(TR IF – 2.267)**
8. Sri Revathi. B and **M. Prabhakar**, "A Novel Compact Hybrid Converter for DC Distribution", Electric Power Components and Systems, vol. 46, issue 11-12, 2018, pp. 1275 – 1287. **(TR IF – 1.144)**
9. Sri Revathi. B and **M. Prabhakar**, "Modular High Gain DC-DC Converter

for Renewable Energy Microgrids”, Electrical Engineering, Sep. 2018, vol.100, issue.3, pp.1913 – 1924. **(TR IF – 1.269)**

10. Sri Revathi. B and **M. Prabhakar**, “Hybrid Modular Converter for DC Microgrids”, IET Power Electronics, May 2018, vol.11, issue.5, pp.856 – 865. **(TR IF – 3.547)**
11. B. Sri Revathi, **M. Prabhakar** and Francisco Gonzalez-Longatt, “High gain - high power (HGHP) DC-DC converter for DC microgrid applications: Design and testing”, International Transactions on Electrical Energy Systems (ITEES), Feb 2018, vol.28, issue.2, <https://doi.org/10.1002/etep.2487>. **(TR IF – 1.085)**
12. Sheshidhar Reddy Addula and **M. Prabhakar**, “A Soft Switched Interleaved High Gain DC-DC Converter”, Journal of Engineering Science and Technology (JESTEC), Sep 2017, vol.12, no.9, pp.2346-2359. **(Scopus Indexed)**
13. S. Kalaimaran, B. Sri Revathi and **M. Prabhakar**, “High Step-Up DC-DC Converter with Reduced Switch Stress and Low Input Current Ripple, Energy Procedia, Jun 2017, vol.117, pp.1182-1189. **(Scopus Indexed)**
14. B. Sri Revathi and **M. Prabhakar**, “Modelling and Simulation of High Step-Up Interleaved DC-DC Converter for Stand-Alone PV System”, World Journal of Modelling and Simulation (WJMS), Jun 2017, vol.13, no.2, pp.123-132.
15. B. Sri Revathi and **M. Prabhakar**, “Non-Isolated High Gain DC–DC Converter Topologies for PV Applications – A Comprehensive Review”, Renewable and Sustainable Energy Reviews, Dec 2016, vol.16, 920-933. **(TR IF – 6.798)**
16. Sri Revathi. B and **M. Prabhakar**, “Transformerless High Gain DC-DC Converter for Microgrids”, IET Power Electronics, May 2016, vol.9, issue.6, pp.1170-1179. **(TR IF – 1.683)**
17. Adulla Sheshidhar Reddy and **M. Prabhakar**, “Coupled Inductor Based Soft-Switched Interleaved DC-DC Converter for PV Applications”, International Journal of Renewable Energy Research, Jun 2016, vol.6, no.2, pp.361-374. **(Scopus Indexed)**
18. Aiswarya.T.M. and **M. Prabhakar**, “An Efficient High Gain DC-DC Converter for Automotive Applications”, International Journal of Power Electronics and Drives Systems, Jun 2015, vol. 6, no. 2, pp.242-252. **(Scopus Indexed)**

Till 2015:

19. **M. Prabhakar**, “Soft Switched Voltage Multiplier Cell based DC-DC Converter for Automotive Applications”, Automatika – Journal for Control, Measurement, Electronics, Computing and Communications, 2014, vol.55, no.3, pp.239-245. **(TR IF – 0.2)**
20. Girish Ganesan.R and **M. Prabhakar**, “Non-isolated High Step-up Interleaved Boost Converter”, International Journal of Power

Electronics, Jun 2014, vol. 6, no. 3, pp.288-303. **(Scopus Indexed)**

21. **M. Prabhakar**, “High Gain DC-DC Converter Using Active Clamp Circuit”, International Journal of Engineering – Transactions A: Basics, Jan 2014, vol. 27, no. 1, pp.123-130. **(Scopus Indexed)**
22. Girish Ganesan R and **M. Prabhakar**, “Multi-Level DC-DC Converter for High Gain Applications”, International Journal of Power Electronics and Drives Systems, Dec 2013, vol. 3, no. 4, pp.365-373. **(Scopus Indexed)**
23. **M. Prabhakar** and V. Kamaraj, “Effect of Temperature Variation on LCC Resonant DC-DC Converter”, Intl. Review of Electrical Engineering (IREE), Jul – Aug 2011, vol. 6, no.4, pp. 1543 – 1548.
24. **M. Prabhakar**, “Modified Voltage Multiplier Cell based DC-DC Converter for Automotive Application”, Intl. Journal of Electrical Engineering and Embedded Systems (IJEEES), Jan – Jun 2011, pp. 23-27.
25. **M. Prabhakar** and V. Kamaraj, “Analysis and Implementation of LCC Resonant DC-DC Converter for Automotive Application”, IETE Journal of Research, Vol. 56, No. 4, Jul – Aug 2010, pp. 202 – 212. **(TR IF – 0.132)**
26. **M. Prabhakar** and V. Kamaraj, “Implementation of a Soft Switched Resonant DC-DC Converter for Automotive Application”, Intl. Journal of Electrical Engineering and Embedded Systems (IJEEES), Jan – Jun 2010, pp. 113-123.
27. **M. Prabhakar**, S. Arulmozhi and V. Kamaraj, “Selection Criteria and Analysis of LCC Resonant DC-DC Converter for Automotive Applications”, Modern Applied Science, Vol.3, No.7, Jul 2009, pp. 21-31.
28. H. Mahesh Prabhu and **M. Prabhakar**, “Modeling and Simulation of Neural Network Based Generalized Interline Power Flow Controller”, WSEAS Trans. on Circuits and Systems, Jun 2004, vol.3, issue.4, pp. 842 – 847.
29. R. Saravana Kumar and **M. Prabhakar**, “Power System Stability Enhancement using Interline Power Flow Controller”, WSEAS Trans. on Circuits and Systems, Jun 2004, vol.3, issue.4, pp. 909 – 911.

LIST OF INTERNATIONAL CONFERENCE PUBLICATIONS:

1. Uddesh Chakraborty, Pratinav Kashyap, Harmeet Kapoor, **M. Prabhakar**, “Interleaved High Step-up DC-DC Converter for Photovoltaic Applications”, Presented at 1st IEE International Conference on Smart Technologies for Power, Energy and Control (STPEC – 2020), Visvesvaraya National Institute of Technology (VNIT Nagpur), Nagpur, India, 25th, 26th September 2020, pp. 1-6, doi: 10.1109/STPEC49749.2020.9297728.

2. Vijay Joseph Samuel, Gna Keerthi, **M. Prabhakar**, “High Gain Converters based on Coupled Inductors and Gain Extension Cells”, Presented in the 1st Virtual International Conference on Renewable Energy Systems (ICRES – 2020), Kalavakkam, Chennai, India, 26th – 28th August 2020.
3. Vijay Joseph Samuel, Gna Keerthi, **M. Prabhakar**, “High Gain Interleaved Quadratic Boost DC-DC Converter”, Presented at 2nd International Conference on Power and Embedded Drive and Control (ICPEDC – 2019), Kalavakkam, Chennai, India, 21st – 23rd August 2019, pp. 390-395.
4. Valarmathy. A.S., **M. Prabhakar**, “Coupled Inductor based High Gain DC-DC Converter for Renewable Energy Application”, Presented at 2nd International Conference on Power and Embedded Drive and Control (ICPEDC – 2019), Kalavakkam, Chennai, India, 21st – 23rd August 2019, pp. 516-521.
5. Gagandeep Singh, Shalki Srivastava, Radhika Lalwani, Nilanjan Tewari, **M. Prabhakar**, “High Gain DC-DC Converter Based on Hybrid Switched-Inductor Topology for PV Application”, Proc. Of 2nd Intl. Conf. on Systems Computation Automation and Networking (ICSCAN 2019), Pondicherry, India, 29th – 30th March 2019, pp. 375 – 380.
6. S. Kalaimaran and **M. Prabhakar**, “Coupled Inductor based Interleaved High Step-Up DC-DC Converter”, Proc. of 3rd Intl. Conf. on Electrical Energy Systems (ICEES 2016), Chennai, India, 17-19 March 2016, pp.7-12.
7. S. Vinod, M. Balaji and **M. Prabhakar**, “Robust Control of Parallel Buck Fed Buck Converter using Hybrid Fuzzy PI Controller”, Proc. of IEEE Power Electronics and Drives (PEDS) Conference, Sydney, Australia, 9 – 12 Jun 2015, pp.347-351.

Till 2015:

8. B. Sri Revathi and **M. Prabhakar**, “Non-Isolated High Gain High Power DC-DC Converter”, Proc. of Intl. Conf. on Electrical Energy Systems (ICEES – 2014), India, 7 – 9 Jan 2014, pp. 223 – 228.
9. B. Sri Revathi and **M. Prabhakar**, “High Gain High Power Non-Isolated DC-DC Converter for Renewable Energy Applications”, Proc. of Intl. Conf. on Electrical Energy Systems (ICEES – 2014), India, 7 – 9 Jan 2014, pp. 229 – 234.
10. Girish Ganesan. R and **M. Prabhakar**, “A Novel Interleaved Boost Converter with Voltage Multiplier Cell”, Proc. of Intl. Conf. on Electrical Energy Systems (ICEES – 2014), India, 7 – 9 Jan 2014, pp. 183 – 188.
11. Abhishek Srivastava and **M. Prabhakar**, “High Gain Hybrid DC-DC Converter”, Proc. of Intl. Conf. on Electrical Energy Systems (ICEES – 2014), India, 7 – 9 Jan 2014, pp. 218 – 222.

12. B.Sri Revathi and **M. Prabhakar**, “Analysis and Design of Ultra-High Step up Converter for DC Microgrids”, Proc. of 2013 Annual IEEE India Conference (INDICON 2013), India, 13 – 15 Dec. 2013, pp. 1 – 6.
13. B.Sri Revathi and **M. Prabhakar**, “High Gain High Power DC-DC Converter for Photovoltaic Application”, Proc. of 2013 Intl. Conf. on Microelectronics, Communication and Renewable Energy (ICMiCR-2013), India, 5 – 7th June 2013, pp. 1 – 6.
14. Girish Ganesan. R and **M. Prabhakar**, “Non-Isolated High Gain Boost Converter for Photovoltaic Applications”, Proc. of Intl. Conf on Power, Energy and Control (ICPEC 2013), India, 6 – 8 Feb 2013, pp. 277 – 280.
15. **M. Prabhakar** and V. Kamaraj, “Soft Switched High Step-up DC-DC Converter for Automotive Application”, Proc. of 2011 Intl. Conf. on Electrical Energy Systems (ICEES – 2011), India, 3 – 5 Jan 2011, pp. 47 – 50.
16. **M. Prabhakar** and V. Kamaraj, “Optimal Design and Implementation of LCC Resonant Converter for Automotive Applications”, Proc. of 4th Intl. Conf. on Power Engineering Optimization Conference (PEOCO 2010), Malaysia, 23 – 24 June 2010, pp. 507 – 510.A. Jeyalakshmi and **M. Prabhakar**, “Effect of Leakage Inductance on the Performance of Parallel Resonant Converter”, Intl. Symposium on Power Electronics, Electric Drives, Automation and Motion, SPEEDAM 2006, Italy, 23 – 26 May 2006, pp. 1338 – 1341.
17. S. Sangeetha Priya and **M. Prabhakar**, “Harmonic Detection using Wavelet Transform”, Proc. of Intl. Joint Conf. on Neural Networks, Montreal, Canada, pp 2226 – 2231, 31st July – 4th August, 2005.
18. **M. Prabhakar**, “Power System Stability Enhancement using Interline Power Flow Controller”, Intl. Conf. on Electric Supply Industry in Transition: Issues and Prospects for Asia, Thailand, January 14 – 16, 2004, pp 2.49 – 2.57.

LIST OF NATIONAL CONFERENCE PUBLICATIONS:

1. Priyanka. N and **M. Prabhakar**, “Soft Switched Boost Converter for High Intensity Discharge Lamp Application”, in Proc. of National Conference on Advances in Electrical and Electronics Engineering (NCAEEE 2011), Sri Venkateswara College of Engineering, 18th, 19th February 2011, pp.56-62.
2. K. Dinesh and **M. Prabhakar**, “Multiphase Boost Converter for High Power Application”, in Proc. of 4th National Conference on ITPED-11, Velammal Engineering College, 24-25 March 2011, pp.40-46.
3. R. Lakshmi Raj and **M. Prabhakar**, “Soft Switched DC-DC Converter with High Voltage gain for Automotive Application”, Proc. of National Conference on Power Electronics and Drives (NCPED’10), GCE Tirunelveli, 31st March 2010, pp. 120-124.

4. S. Arulmozhi, **M. Prabhakar** and V. Kamaraj, “Analysis of Higher Order Resonant Converters for Automotive Applications”, Proc. of PEDAC’09, GCE Tirunelveli, 2nd April 2009, pp. 59-63.
5. L. Rajamohan and **M. Prabhakar**, “Analysis and Experimentation of Voltage Multiplier Cells for Automotive Applications”, Proc. of National Conference on Power Electronics and Power Systems, St. Joseph College of Engg., 11th March 2009, pp.70-74.
6. **M. Prabhakar** and B. Madhanraj, “Fuzzy Logic based Static VAR Compensator using TSC – TCR”, All India Jamia Electrical Engineering Conference, Jamia Millia Islamia University, New Delhi, August 16 – 17, 2003, pp 137-139.



Name : Dr. G. Giridhar
Address : Director, Solar Radiation Resource Assessment,
National Institute of Wind Energy, Velachery-Tambaram Main
Road, Pallikaranai, Chennai-600100
D.O.B : 03.11.1959
Present Occupation : Director, Ministry of New and Renewable Energy (MNRE),
Government of India, New Delhi
Presently posted as Director,
Solar Radiation Resource Assessment (SRRA)
National Institute of Wind Energy, Chennai
Contact Details : Mobile: +91- 9445798022
Office: 044-22463996
Residence: 044-22461925
Email : ggiridhar@cwet.res.in / ggd_cdp@yahoo.co.in

Educational Qualification : Details in table below

Sl. No	Education Details	Subject	Year	Name of the Institution
1	Ph. D.	Utilization of Biomass	1987	IIT, Delhi
2	M.Sc	Organic Chemistry with specialization on Forest Products Chemistry	1981	Sri Venkateswara University, Tirupathi, AP
3	B.Sc	Geology, Physics, Chemistry	1971	Government Arts College, Kadapa, AP
4	Intermediate	Biology, Physics & Chemistry	1976	Board of Higher Secondary School, AP
5	S.S.L.C	Science, Social, Maths, Telugu	1974	Board of Secondary Education, AP

1. Joined for Ph. D., IIT, Delhi in the year 1982 and completed in 1987 on, “**Integrated Utilization of Biomass Studies on Calotropis procura and Bougainvillea**”
2. Completed Masters degree in Organic Chemistry with specialization on Forest Products Chemistry from Sri Venkateswara University, Tirupathi 1981.
3. Worked as Senior Scientific officer in IIT, Delhi till 1989
4. Joined Region Office, Chennai, Ministry of New and Renewable Energy Source in 1989, as Senior Scientific Officer and monitored various Renewable Energy technologies established in field with the support of the Ministry.

5. In 2006, transferred to Solar Energy Center, Gurgaon, a specialized R&D institution established under the Ministry as in charge of Solar Thermal Division.
6. In 2009, shifted to Bio Gas division, Ministry Head Quarters in New Delhi, for Power Generation Programs, Solar Cities and Solar Steam Generation divisions.
7. Presently is posted from the Ministry to C-WET, Chennai as Director in the Solar Radiation Resource Assessment (SRRA) Project.
8. As Director established a network of 115 Solar Radiation Resource Assessment (SRRA) stations and 4 Advanced Measurement Stations (AMS) in potential areas of the country. Involved in solar data collection, data processing, quality control and in the preparation of Solar Atlas of India.
9. Areas of interest are Energy Independence for Educational Institutions, Biogas for power generation, Solar Radiation Resource Assessment and Off-Grid Solar Energy Technologies.
10. As part of official duties visited London, China, Spain, France and USA to study the international developments taking place in the fields of High Rate Biomethanation, Solar Energy Technologies and Radiation Resource Assessment Technologies.

Recent Publications :

1. "Field experience with the operation of solar radiation resource assessment stations in India" published by ScienceDirect, Energy Procedia 49 (2014) 2351-2361.
2. Paper entitled, "Solar Resource Assessment and Mapping of India", published in the Proceedings of International Conference **18th Solar Paces**, held at Marrakech, Morocco from 11th to 14th September, 2012.
3. Paper entitled "Advances in Solar Radiation Resource Assessment in India" published in the Proceeding of **27th EU PVSEC-2012**, held on 24th to 28th September, 2012 in Frank Fort, Germany.
4. Paper entitled "Solmap: Project In India's Solar Resource Assessment" published in the proceeding of conference on **RE Vision** held on 1st to 2nd October, 2012 in the University of Oldenburg, Germany.
5. A chapter on **Applications in Utilization of Energy from Waste** in the Book on "**Sanitation and Energy UN Habitat for a Better Urban Future**" Published by Sulabh International, New Delhi.

6. Article on “Solar Radiation Resource Assessment Project in India”
Published in the Akshay Urja, Magazine.
7. Attended as Guest Speaker, Chief Guest, in many Engineering College
Technical Conferences and presented papers on various issues on
Renewable Energy in National and International.

Curriculum Vitae

GENERAL INFORMATION

Name : **Dr. P. Dharmalingam**

Profession : Energy Audit Consultant and Trainer,
Former Director ,NPC, Govt. of India

Experience : **30 years in Energy Auditing & Skill Development Training.**

Present organisation : Executive Director,
EnSave Consultancy and Training Pvt Ltd

Nationality : Indian

Date of birth : 25/05/1957

E-mail : pdlingam@gmail.com

Contact : 9444177914, 044-43551245

Address : B-4, 2nd Cross, 3rd Main Road, Nolambur TNHB Scheme, Phase-I,
Mogappair West, Chennai-600037.



EDUCATIONAL QUALIFICATION

DEGREE	INSTITUTION	UNIVERSITY, YEAR	CLASS
Ph.D (Energy Management)	Vinayaka Mission University, 2012		
M.S (Software System)	Birla Institute of Technology	BITS, Pilani, 2001	I Class
PGDEM (Energy Audit & Management)	TIPIE, NPC	National Productivity Council, 1985-87	I Class
DIM (Industrial Management)	Symbiosis Institute of Business Management	Symbiosis University, Pune, 1983-84	I Class
B.Tech (Hons)	Madras Institute of Technology	Anna University, Chennai, 1979-82	I Class

PROFESSIONAL CERTIFICATION

- **Accredited & Certified Energy Auditor**, Bureau of Energy Efficiency, Govt of India
- **Qualified Lead auditor in ISO 50001-EnMS**
- **Certified Measurement & Verification Professional ® (CMVP), USA**
- **Trainer in Green Buildings Initiatives**

PRESENT RESPONSIBILITIES

1. Director, *Indian Institute of Energy Management* (IEM), Chennai
2. Adjunct Professor – *SRM University*, Chennai/ *SMIT*, Sikkim/ for curriculum design and development, teaching and guiding Industrial projects.
3. Executive Director, *EnSave Consultancy and Training Pvt Ltd*: Generation and execution of energy audit consultancy and training projects. Design, coordination and execution of hands-on practical training in energy efficiency. Developing training courses and presentation material for international capacity building/skill development training program for Corporates and Institution.
4. Energy Adviser: *Winsakthi Energy Pvt Ltd* and Residency Group of Buildings.

EMPLOYMENT RECORD

Organisation	Designation	Period
EnSave Consultancy and Training Pvt Ltd	Executive director	From 2017
National Productivity Council, Chennai	Director - CETEE	2015-17
National Productivity Council, Bangalore	Director & Head (RPMG)	2014-15
National Productivity Council, Chennai	Director & Head (AIP)	2010-14
National Productivity Council, Chennai	Director (Energy Audit& Mgt)	1987-10
National Productivity Council, TIPIE	Energy Engineer	1985-87
Automotive Research Association of India, Pune	Project Engineer (IC Engine & Fuel efficiency)	1982-85

SUMMARY OF WORK EXPERIENCE

- **30 years of experiences in the field of Energy audit and Conservation from National productivity council.** Executed more than **400 Energy Audit projects** in various sectors covering Process, Engineering & Service industries such as Refineries, Chemical, Petrochemical, Textiles, Dairy, Paper, Sugar, Tyre, Steel, Cement, Fertilizers, Aluminum, Oil & Gas, Pharma, Automobiles, Foundry, Railways, Power plant, Hotel, Hospital, IT software park and Commercial buildings.
- **Detailed Energy audit includes** plant survey, Instrumented measurements, primary data collection, performance tests in key energy guzzlers, analysis with technical and economic feasibility, compare with benchmarks, report writing, presentation of recommendation and follow-up help for implantation etc.

Area covered,

- Electrical system, Motors & Power quality and harmonics mitigation
- Electrical Demand Side Management
- Energy audit and Performance assessment in Refrigeration, HVAC, Air Compressors, water pumping and Lighting system.
- Performance assessment of Steam Boilers, Process/Fired Heaters & Steam utilisation system.
- Performance assessment of electric melting furnaces and heating furnaces.
- Energy optimisation in process, pinch analysis and process integration
- Thermal Insulation & Steam Trap Survey
- Thermal Power Station and Transmission & Distribution
- Captive Power , Co-Generation and Tri-generation- Evaluation
- Water audit and conservation
- Energy audit in commercial Buildings.
- ISO 50001- EnMS Training and implementation.
- Carbon foot print study, Energy Monitoring and targeting
- Financial analysis and project management
- Cleaner production and waste minimisation
- Renewable energy systems
- Productivity improvement in manufacturing Industries-Lean Management

Training and Teaching

- Two years post graduate program on Energy Audit and Management were conducted- Full in charge cum coordinator
- Activity includes Design of Training Programme, Brochure preparation, Selecting the industrial clients, Coordination, Faculty identification, Reading material preparation, Presentation material preparation, Execution, Summery report preparation on outcome, feedback and impact of the programme for improvement.
- In-company training programmes conducted regularly at GAIL, NTPC, ONGC, Reliance, Birla group, HPCL, BP, IOCL, NADP and Indian Railways.
- Organised about **250 workshops /Training Programmes** on various energy related subjects

National and International projects carried out in Energy Management:

- Development and commissioning of '**Centre of Excellence for Training in Energy Efficiency**' (CETEE) at National Productivity Council, Chennai under Indo-Japan cooperation
- Prepared and Published the following four **Guide books on Energy Efficiency** as project leader/co-author for the purpose of national level examination. (published by BEE, Govt of India),2003
 1. General Aspects on Energy Management and Audit.
 2. Energy Efficiency in Thermal Utilities.
 3. Energy Efficiency in Electrical Utilities.
 4. Energy Performance Assessment of Equipment & Utility Systems.
- **Cleaner Production Energy Efficiency manual** for Greenhouse Gas Emission Reduction in Industry in Asia Pacific (GERIAP), UNEP, 2000: A Manual was prepared for training of trainers to the needs of nine countries in Asia pacific region under UNEP Project.
- Implementation of Institutional building & energy efficiency for state of Tamil Nadu supported by GTZ/BEE (SDA Development Project- EC ACT 2001
- Performance assessment of Biomass power generation/Cogeneration project in India, Supported by MNRE, GOI, New Delhi)
- Hands on Energy Efficiency Training' for UNEP, Bangkok
- Technical Expert for Asian Productivity Organisation (Tokyo) for Energy Efficiency and Green productivity in Taiwan
- Development of training project in Energy Efficiency for NEEP project of GIZ in Nepal
- Design and development of Energy Efficiency capacity building for Institute of Productivity and Human Resources Development (IPHRD), Tehran, Iran
- Faculty for Distribution Reforms and Upgradation Project (DRUM) of USAID for electric utilities
- Design and development of Training modules for capacity building of Engineers in 'Energy Efficiency' for Ministry of Energy, Fiji
- Developed courses for productivity practitioner /consultant on Productivity through Cleaner Production and Refrigerant Management in Industrial and Commercial Application
- Namakkal Eco-City Demonstration Project: APO- Japan, Team Member for Energy Efficiency.
- Energy Efficiency assessment in the state of Tamil Nadu, Pondicherry and Andaman

CONFERENCE PUBLICATIONS, MANUALS & REPORTS

- Preparation of Cleaner Production Energy Efficiency Manual for Greenhouse gas reduction programme for Asia Pacific (GERIAP), UNEP (www.energyefficiencyasia.org)
- Techno economic feasibility of cogeneration in India for Advisory Board , Government of India, 1989
- Prepared Course manual for two year post graduate course in Energy Management and Coordinated post graduate course (PGDEM) at AIP-NPC.
- Conducted National Level Cogeneration Feasibility study in many Industries-MNRE Project
- Conducted National Workshop on Fluidized Bed Boiler & Cogeneration
- Clean Development Mechanism Study: CER enhancement Study at Commercial Building and Industrial Energy Efficiency Projects
- Awareness programme on Energy Conservation Act -2001, BEE,
- The construction of REEC Centre for completed for housing the Japanese Industrial Energy equipment's for practical training and commissioned in time

INTER-COMPANY TRAINING PROGRAMMES CONDUCTED

The title and number of programme conducted are listed below through which training imparted to executives of various public and private organizations from all over India.

- Electrical Energy Audit & Management (32 Programs)
- Energy Conservation in Boiler & Steam System (25 Programs)
- Pinch Technology and Process Integration (6 Programs)
- Energy Conservation D.G Sets (16 Programs)
- Energy Conservation in Commercial Buildings (12 Programs)
- Energy Conservation in Compressed Air System (27 Programs)
- Energy Conservation in Plant Utilities (15 Programs)
- Energy Conservation in HVAC system (10 Programs)
- Energy Conservation in Furnaces (7 Programs)
- FBC Boiler and Cogeneration (5 Programs)
- Energy Savings in Pumps and Pumping System (12 Programs)
- Energy Conservation in Cooling Towers (6 Programs)
- Energy Efficiency and Cleaner Production Audit (5 Programs)
- Water treatment & water conservation (9 Programs)
- Climatic Change and CDM for Industry (6 Programs)
- Green Buildings (7 programs)

PREPEARTORY TRAINING COURSE (PTC) for Energy auditor/Energy manager

The number of Preparatory Trainings Course was conducted to meet the energy auditor's/energy manager needs all over India (New Delhi, Mumbai, Chennai, Kolkata, Nagpur, Hyderabad, and Bangalore, Cochin) from 2003 onwards till today. About 2000 energy auditor were trained for BEE examinations. Provided Faculty support for the past 19 Examination in PTC training

PROFESSIONAL TRAINING UNDERGONE

- ❑ Power Plant Operation and Maintenance at Power Engineers Training Society (PETS), Neyveli, 1987
- ❑ Productivity and Energy efficiency in foundry at Taiwan, organised by APO, Japan (1995).
- ❑ “Standards & Labelling” Programme for Energy equipments, by USAID, Bangalore, (2005)
- ❑ Course on Training of Trainers conducted s by DENIDA-ETI, Chennai
- ❑ Undergone training at Bangkok, Thailand on “Knowledge Management: organised by APO Japan
- ❑ Workshop on E-Governance conducted by National Informatics Centre in Chennai
- ❑ Programme on Energy Conservation in industries. conducted by ETI, TNPCB, Chennai
- ❑ Awareness programme on ISO 14001 conducted by NPC
- ❑ Programme on “Cogeneration” conducted by BEE, Chennai
- ❑ Programme on “Green Buildings ” conducted by TERI, Kolkata

TECHNICAL EXPERT AND ADVISER

- ❑ Resource Person & Faculty at PCRA, CII, NSIC, AIMA, ENFUSE, MSME, IIT-Chennai, Tamil Nadu Electricity Board, Agricultural university, Madras Chamber of Commerce and Industry, Environmental Training Institute-TNPCB, Technical Teachers Training Institute-Chennai, etc.
- ❑ Technical Expert in Technical Sub-Committee constituted by Tamilnadu Pollution Control Board for Energy Conservation in industries.
- ❑ Technical Expert & Active member in institutional building in the state of TamilNadu for implementing Energy Conservation Act 2001 enacted by Govt of India.
- ❑ Resource person for Paper setting and evaluation of BEE energy auditor examination.

PAPERS PUBLISHED

- ❑ Published a paper on “Cutting Energy Costs through Energy Conservation” in the International Programme on Energy Conservation in Industry by ENFUSE, India in June 1992.
- ❑ Presented a paper on “Effective Energy Management Approach in Industry” in the National Seminar on Energy Conservation organised by IIT, Chennai, India in March 1989.
- ❑ Published a paper titled “Energy audit Strategy in Industries” in the Energy Management
- ❑ Presented a paper on “CDM Opportunity Through Energy Efficiency” Jan2007

- ❑ Presented a paper titled “Energy conservation in steel Industries” in Taiwan, 1995
- ❑ Presented a paper on “Use of Isotopes in Piston Rings wear & tear analysis in IC Engine” at Mumbai organised by International Atomic Energy Agency, 1984
- ❑ Factors influencing adoption of advanced information technologies in SMEs: India-Journal
- ❑ The Impact of Information Technology usage on organisational performance in auto ancillaries SMEs in India, Journal

VISITING FACULTY FOR INSTITUTION/ UNIVERSITY/COLLEGES

- ❑ National Productivity Council
- ❑ IREEN Nasik, Indian Railways Electrical Engg Institute
- ❑ Tamil Nadu News Print Ltd
- ❑ Anna University/ IIT Madras
- ❑ Residency Group of Hotel Management,
- ❑ Sikkim Manipal University/SRM University
- ❑ SAI Engg College, SSN Engg College
- ❑ Kongu Engg College, SA Engg COLLEGE
- ❑ District Industries Centre, Govt. of Tamil Nadu
- ❑ Dr.MGR Educational and Research Centre, Chennai
- ❑ Maharashtra Energy Development Agency, Pune

COUNTRIES VISITED

- **Taiwan** - Attended training programme on Energy conservation in Foundry, 1995
- **Thailand** - Attended workshop programme on Knowledge management, 2005
- **Iran** - Faculty & Experts on energy conservation & Management course, 2007
- **Iran** - Energy Experts on energy conservation & Green Productivity 2008
- **Japan** - Practical training on Industrial Energy conservation programme & Energy Lab, 2009
- **USA** - Green buildings Projects- Washington, Pittsburgh, Los Angeles and San Francisco, 2009
- **Japan** - Practical training on Industrial Energy conservation programme, 2010
- **Nepal** - Chief faculty – Conducted certified *Energy auditor course*, 2011
- **Nepal** - Faculty & Energy Experts – Conducted Energy Audit in Dairy plant, 2012
- **FIJI** - Energy Experts- Conducted *Certified Energy auditor course*, 2013
- **Taiwan** - Worksop on enhancing productivity consultancy service, 2015
- **FIJI** - Faculty & Experts- Conducted Green *Productivity course* for APO Member, 2016
- **FIJI** - Chief faculty & Experts - Conducted Green *Building course*, 2016
- **Ghana** - Senior Energy Experts – Setting up SESC centre and Sustainable energy curriculum development for Ghana, 2019

MAJOR ACHIEVEMENTS

- **Authored**, **Guide Books on Energy Efficiency** for National Certification Examination for Energy Auditors and Managers to BEE Govt of India. (www.em-ea.org) - 2003. Many universities have adopted these books as syllabus for PG Courses and SAARC countries have organised training programme.
- **Established** **Centre of Excellence for Training in Energy Efficiency (CETEE)** at NPC Chennai with Indo-Japan cooperation. It is a unique training facilities established for the first time in India. (2010)
- **Developed** **Practical Energy efficiency training courses** for national and international participant utilizing CETEE that in houses Boiler, Furnaces, Pumps, Fans, Air compressors, Motors, HVAC, lighting, Heat exchangers and Solar and wind power plant.
- **Executed** **BEE's Energy Auditor Exam as Controller of exam** from 2009 to 2014 at 24 Centers across the India.
- **Conducted** more than **400 Energy audits** covering energy intensive Process, Engineering industries and commercial buildings and **organised** about **250 Seminars/workshops** on Energy efficiency and Conservation as a team leader. (1987-2017)
- **Founder Member** of **Indian Institute of Energy Management (IIEM)**, Chennai
- **Founder** of EnSave consultancy and Training Pvt Ltd and providing consultancy, Training services to all type of Industries and Buildings.
- **Recipient of AEE's Energy Professional Development Asia Subcontinent Region Award 2017** for outstanding accomplishments in training and development of energy engineers and managers from **USA**

Place: Chennai
Date:25/03/2019



(P. Dharmalingam)

S Selvakumar

He has completed his Bachelor degree in Electrical & Electronics Engineering at RVS College of Engineering and Technology in 2006 with first class distinction. He is also Gold Medalist in his Masters in Power System at Anna University Chennai in 2015. After his bachelor degree, he has joined in Power Research and Development Consultants (PRDC) Ltd, Bangalore as Engineer – Power Systems. He has completed many challenging assignments in the Power Evacuation, Power System studies, Control & Protection, Relay settings and coordination, Subsynchronous Resonance etc., He has handled many projects, TATA Steel 10 MTPA Expansion, Power Evacuation studies for Suzlon in southern grid, Impact of Monopolar operation of Talchar – Kolar HVDC are to name a few. Ultra Tech Cement plant at Tadipatri commissioned without nuisance tripping of relays where he designed the relay settings for complete plant.

In 2008, he has joined in TATA Consulting Engineers Ltd Bangalore. He has involved in many prestigious projects including Mundra 4000 MW UMPP (First in India), 4.5 MW hydro plant at Gokak, 2 * 660 MW Mutiara thermal power plant at Tuticorin. He has involved in designing the power systems of many Steel, Cement, Paper industries, Commercial buildings, Power plants and substations.

He has joined **ABB Global industries ltd Chennai** in 2011 after completing three-year service in TATA Consulting Engineers Ltd, Bangalore. He has completed many challenging assignments including 570 MVA three phase three winding transformer design for combined cycle plant in Bangladesh, Design 120 MW combined cycle plant in Indonesia etc. He has completed 334 MW combined cycle plant in Bangladesh & 105 MW biomass plant in Singapore. He has received “Extra Miler Award” for his excellent contribution for ETAP Training and ISO implementation. In 2015, he has been promoted as **Lead Engineer** in MicroGrid and Distributed Generation Team. Presently he is involved in Optimization and converting customer problems into microgrid solutions.

He has a vast experience in Load flow studies, Reactive Power Compensation studies, Voltage dip drop studies, Short circuit studies, Transient studies, motor acceleration studies, Overcurrent and Earth fault relay co-ordination, sub synchronous resonance, Harmonic study, Renewable Integration, MicroGrid, Distributed Generation, Energy Storage etc., He also have expertise in designing conventional and renewable power plants, substation and process industries. He is also famous in industrial sector for his training on Power System softwares like ETAP, Easy Power, Digsilent Powerfactory, Power World, PVSYST, HOMER etc.

His international exposure includes Germany, Italy, Bangladesh, Singapore, Malaysia, Qatar, Kuwait, Dubai, Australia, Sweden, Canada, Philippines, Thailand, Indonesia etc. He is associate editor for journal “Transactions on Engineering and Sciences”. He is also Industry Expert Member in Technical Advisory Committee of many academic institutions. He is the Lead Corporate Trainer in ABB University which provide the training for industrial experts on Power System, Control and Protection.

He has guided many projects for Electrical students in Bachelor level and Master level. He has conducted seminars and workshops in various academic institutions and industries.

His areas of interests are MicroGrid, Energy Storage, Grid Planning, Power System operation and control, Protection, Power Plant & Substation design, Integration of Renewables (Wind, Solar, and Small Hydro), System studies & Smart grid.

Technology Analyst**Professional Synopsis:**

- Offering more than 5 years of experience in Software Development & Testing process with end to end architecture knowledge of the applications.
- Experience with core web technologies such as REACT JS, NODE JS, HTML, XML, SOAP/Restful Web Services, WCF, Crystal Reports, MVC 4,, AJAX, JavaScript, JSON, JQuery
- Well experienced in various development domains related to embedded systems and web designing, Banking, IOT and Security. I am fully aware of end to end product development processes right from architecture point of view.
- Professional experience in **IOT protocols like MQTT and AMQP** with good knowledge of front end technologies like React JS, Bootstrap, AJAX, JQuery, PHP, Raspberry pi, HTML & CSS.
- Well versed in using the **Restful webservice**
- Involved in creating web or mobile applications from scratch
- Worked in responsive web application design in cross browser platforms and various mobile devices.
- Worked in fixing UI compatibility issues for different browser versions.
- Best fit for acceleration teams for developing POC on any technology.
- Currently associated with **CSI Interfusion**, as a **Technology Analyst**.

Technical Skills:

Operating Systems:	Windows, UNIX/Linux
Web Development Languages /Tools/IDE:	C#, Eclipse, Python, Pycharm, VS-code
Web 2.0/(RIA):	HTML5, CSS3, JavaScript, jQuery, Bootstrap, RWD, JSON, Material UI,ASP .NET core
JavaScript Frameworks/libraries	NodeJS, ReactJS, Redux, SAGA, HOOKS, webpack.
APP/Web Servers:	Node, Apache server
RDBMS:	MY SQL Server
Cloud :	AWS – EC2, Lambda, API, Dynamo, IOT Core
IOT:	AMQP-Rabbit MQ, MQTT- Mosquitto, IOT- Raspberry Pi, Node Mcu, Intel Edison. Image processing – open CV, Processing IDE.
Test Automation	UFT & Selenium, web driver and robot frame work, Python

Functional Skills:

- Certifications: SAFe for Teams certified.
- Good Communication, Leadership, Management and Team playing skills. Good Analytical skills and can design solutions in a creative way.
- Good exposure towards end to end application development, not only from the software part of view but also with respect to Hardware.
- Have experience in product development, right from the start, Architectural to the delivery, which included Quality and Complacence.
- Extremely proactive and motivated due to the fascination and love towards the technology and work. Flexible and fast learner.

Education and personal information:

Education and		personal information
B.E – Electrical and Electronics	73% Anna university, Chennai	Date of birth:25-SEP-1992 Single
H.S.C	93.6% Andra pradesh State Board	Hobbies: Teaching, Swimming and Robotics. Best Performer for IOT-core unit, Infosys Q2-2017, Q3-2017, Q2-2018
S.S.C	83.6% Andra pradesh State Board	Best outgoing student of college.

Academic Honors:

- Best Out Going student for the year 2014 – Prathyusha Engineering college
- Awarded silver Medal for my work on Robotic vehicle for physically challenged by NDRF (National Design and Research Forum - INDIA).
- National 2nd position in Eco Cart Championship- 2013.

Successfully accomplished 32 Major and Mini projects in a course of 4 year of BE, on various domains.

Project Experience:

Project	Technology	Roles and responsibilities
Microsoft bing	Font end ASP . core Razor pages	<p>Organization: Microsoft India(chain soft).</p> <p>Duration: From20 to Current.</p> <p>Description: The project is about the shopping section in the bing search. Role to develop UI and also write algorithms that will make an easy update to the front end for shopping and offers page.</p> <p>Key Contributions:</p> <ul style="list-style-type: none"> ✓ Currently working as a lead developer, to write algorithm and design architectural for a program that enables Bing search of Microsoft to perform effectively while a customer searches for offers on a product.
Merck IOT(Health care)	IOT – Networking (MQTT & AMQP)	<p>Organization: Infosys Pvt Ltd.</p> <p>Duration: FromSEP' 18 to Feb 20.</p> <p>Description: Merck is building Bio Medical devices and there is a need to IOT enable these devices. Testing of React based web application and SNMP protocol.</p> <p>Key Contributions:</p> <ul style="list-style-type: none"> ✓ Lead a team of 10 people in the project and was proactive in different areas of the project. ✓ Responsible for development of a complete module called user management based on React, Redux and Node js Core back end with My SQL Database. ✓ Responsible for developing APIs using Node js for backend to integrate with the front end component based on React and redux of User management ✓ Developed a POC (Written python scripts that sends the device details of the device connected/ disconnected in the skid to the application to fill the gaps in the current iteration demo (simulation of network Auto discovery) ✓ Acting as a developer and helping the team to fill the gaps by working on front end technologies like React and HTML-CSS. ✓ Followed Scaled Agile methodology and was a part of scrum team as Tester, Lead Tester and developer. Worked on JAMA, JIRA, Swagger, Postman, VM testing, Virtual servers, Networking, Rabbit MQ - AMQP. ✓ Led testing team of 6 testers as test lead with a complete understanding on the project and JAMA process, Making teams understanding the process correctly and easily by creating a Diagram of JAMA approval and review process. People can simply refer this and continue with work instad of wasting time in KT. ✓ Develop Automation Scripts using Selenium.

Infosys DC Navigation	Chatbot and IOT integration (Raspberry Pi)	<p>Role: Embedded developer. Domain: Chatbot and IOT integration (Raspberry Pi) Client: Infosys Technologies Private Limited Organization: Infosys Technologies Private Limited Duration: FromJAN' 18 to SEP' 18. Description: Design and development of a Infosys internal product called DC navigation board which guides employees and other stake holders using voice chat. And helps them identify current location and guides then with instructions.</p> <p>Key Contributions:</p> <ul style="list-style-type: none"> ✓ Understanding and analysis the scope ✓ Design and Development of Hardware architecture. ✓ API creation, and front end design using React js, Redux and Node JS. ✓ Python based chatbot design using hardcoded set of data items. ✓ Used Arduino, Raspberry pi and MUX drivers.
Car parking slot counter	IOT , ML, AWS EC2 API, AWS IOT, C++, React Native, React JS	<p>Role: IOT Developer. Domain: IOT Client: Infosys Organization: Infosys Technologies Private Limited Duration: FromJAN' 17 to DEC' 17. Description: Design and development of React js based car parking sensor which is capable of sensing number of cars entering and leaving the parking lot. Integrating the same with LCD display using Node server and displaying slots using IOT - MQTT</p> <p>Key Contributions:</p> <ul style="list-style-type: none"> ✓ Design and development of the LIDOR data aquisition system, ✓ Building logic of sensor board. ✓ Design of web application based on AWS Ec2 and lambda function. ✓ Integration of the web application with the EC2 API with AWS IOT to display the count of cars. ✓ Worked on React Native to develop Mobile application. ✓ Worked on the ✓ Stress testing and performance testing carried out. ✓ Designed data acquisition system using ATMEL board and C++.
Banking – Tester	AS400, Selenium, Manual & automation, Web driver, Python, robot Frame work	<p>Role: Test engineer. Domain: Banking Client: Douche bank. Organization: Infosys Technologies Private Limited Duration: FromSEP'16 to JAN'17. Description: Testing of different Trade Booking modules with respect to Functional aspects and automating the excitation of test cases.</p>



Vinoth Kumar

Quality Engineer

Phone: +91 9790914204
Address: Plot No 322,Ranga Garden Cooperative Nagar,Vadaperumbakkam ,Chennai -60
Email: reachmevinoth94@gmail.com

1. Dynamic one & half year of Experience in Vehicle Quality Testing & Diagnosis Engineer and production line support.
2. Worked as a "QC ENGINEER" in "Low Voltage & control gear assemblies" and participating in Electrical Testing with troubleshooting activities & take care of ISO activities to maintain QMS for our organization
3. Dynamic 5+ years of Experience in Quality Engineer (Testing & Incoming Quality & Outgoing Quality)

EXPERIENCE

MAHLE Engine Components India Private Limited deputed in Daimler India Commercial Vehicles(DICV).

June 2019- Present

Vehicle Quality Testing Engineer

- Responsible for Preparation of QAP & Process Flow Diagram.
- Performing Quality Check & assurance of confirmatory & non-confirmatory reports on incoming electrical components
- Using existing flashware tool (GTTT) and developing updates. Working on diagnostic communication protocols used in Electrical Architectures (CAN).
- Flashware Management for HDT, BUS Platforms (Domestic & Export at DICV).
- Support for clearing the wiring harness issues relate to sensor and communication networks
- Support flashware process at the production line and ensure in no failure - No downtime
- Exposure to Electrical Architecture and Wiring harness System in Automobile.
- Good Knowledge of Electronic design
- An effective communicator with excellent relationship management, interpersonal skills.

CAPE Electric Private limited

Sep 2015 -June 2019

Quality Engineer

Incoming & Final Inspection:

- Ensure that all the works are carried out as per the Quality Plan & Design issued referenced drawing.
- Responsible for incoming & outgoing inspection.
- Testing the Post -Production materials (Panels) for product standard with the help of G.A, B.O.M, and S.L.D.
- Testing & inspecting all LV Panels, which comprises stage-wise / final.
- Ability to troubleshoot problems in schematic & coordinate with design to get the issue rectified.
- Ensure that all testing equipment used is calibrated & with a valid certification.
- Maintaining Overall Documentation Works in the Quality Department.
- Implementing Quality assurance system by Applying "First in First out "Principles of quality assurance for the Trading materials.
- Maintaining of documents Customer inspection, Clearance for the dispatches, warranty, and replacement from the suppliers.
- Responsible for vendor Development, Supplier Process Audit & inspection of electrical components used for Panels
- Ensure supplier change control and PPAP submission by coordinating review and approval from the project team.
- Responsible for root cause analysis with help of Quality tools (8 D & seven QC tools)
- Schedule & perform supplier audits & communicate results in top-level management.
- Take care of an internal audit, ISO documentation & NCR closure related to the supplier.
- Resolve any issues with the team via drawing change or process change by the supplier.
- Organize with the supplier and internal quality department for immediate containment actions at warehouse and supplier for Raw Material, Work in Process and finished product stock. Conduct operational corrective & preventive action to get the 8D report from the supplier (Compliant of incoming & in-process).

EDUCATION

Prathyusha Institute of Technology & Management

2011-2015

Electrical & Electronic Engineering with 7.36 CGPA

Jaigopal Garodia Matriculation Higher Secondary School

2011

H.S.C (12th std) with 83.66 %

Jaigopal Garodia Matriculation Higher Secondary School

2009

S.S.L.C (10th std) with 76.8%

CERTIFICATIONS

Internal Audit 9001:2015

ZANDIG TQM SOLUTIONS PRIVATE LIMITED

Awareness for ISO 9001:2015

ZANDIG TQM SOLUTIONS PRIVATE LIMITED

SKILLS

Diagnosing Tools GTTTPPAP & QAP

Testing of Low Voltage Panels ISO 9001: 2015



PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF INFORMATION TECHNOLOGY

ESTD. 2001

PEC/NAAC/2020/IT/1.1.1.4 – MEMBERS OF AAC

Ref: Meeting dated 23.09.2017

With reference to the meeting held with various eminent academicians and industry experts, the Academic Advisory Committee has been reconstituted.

Name of the Member	Role	Designation and Profession
Dr.P.Chitra	Chairperson	HOD/Professor, Department of Information Technology
Dr.S.Sridhar	Academic Expert	Professor, Computer Science Engineering SRM University
Mr.P.GokulRajh	Industry Mentor	Associate Manager Accenture SG Services, Singapore
Mr.K.Vetrikumaran		Principal Software Engineer Oracle SAAS Cloud
Mr.M. Ravichandran	Technology Mentor	Manager, Training Division, ICT Academy
Mrs.R.VaidhehiRajagopal	Parent Representative	Language Teacher S.B.O.A Mat. Hr.Sec.School P/O. RohithRajagopal, 2016 Passed out
Mr.M.Kirubanidhi		Chief Machine Analyst Royal Enfield P/O. K.Janani – 2017 Passed out
Mr.Manoj	Distinguished Alumni	Senior Software Engineer Gogo - 2009 Passed out
Ms.R.Sharadha		Software Engineer HTC Global Services – 2016 Passed out
Ms.S.Vishali	Students	Final Year
Mr.S.Sabarish		Third Year
Dr.S.Padmapriya	Senior Faculty from another department	Professor, CSE dept.
Ms.V.R.Kavitha		Associate Professor, HOD, CSE dept.

Name of the Member	Role	Designation and Profession
Dr.Mohamed Ali		Professor, Mechanical dept.
Ms.C.Kamatchi	Senior Faculty from department	Assistant Professor/IT
Mr.I.Mohan		Assistant Professor/IT
Ms.J.Omana		Assistant Professor/ IT

Chithra

Dr. P. Chitra B.E., M.E., Ph.D.

Professor & Head
Department of Information Technology
Prathyusha Engineering College
Poonamallee-Thiruvallur High Road
Chennai - 602025



Mobile Number: 9840167844

Educational Qualifications

- ❖ Completed Doctorate from Anna University, Chennai during August 2013 from Information and Communication Engineering Stream.
- ❖ Completed Master of Engineering in Computer Science and Engineering from Jerusalem College of Engineering, Chennai affiliated to Anna University Chennai in May 2006.
- ❖ Completed Bachelor of Engineering in Computer Science and Engineering from PeriyarManiammai College of Engineering and Technology, Thanjavur affiliated to Bharathidasan University in May 1992.

Working Experience : Total Experience :26 Years 3 Months

Teaching Experience : 20 Years 3 Months

Industry Experience : 6 Years

Position	Institution	Experience		Total Experience
Professor & Head	Prathyusha Engineering College, Chennai	16-04-2014	Till date	6 Years 8 Month
Associate Professor	RMK Engineering College, Chennai	01-07-2010	15-04-2014	3 Years 9 Months
Assistant Professor	RMK Engineering College, Chennai	27-06-2007	31-06-2010	3 Years
Assistant Professor	St. Peter's Engineering College, Chennai	05-01-2005	31-05-2007	2 Years 4 Months
Lecturer	St. Peter's Engineering College, Chennai	10-07-2000	04-01-2005	4 Years 6 Months
Systems Officer	PREPARE, NGO, Chennai	02-06-1997	30-06-2000	3 Years 1 Month
Programmer	Online Informatics Systems, Trichy	01-06-1992	05-05-1995	2 Years 11 Months
Total Experience				26 Years 3 Months

Subjects Handled

Artificial Intelligence Geographic
Information System Data
warehousing and Data Mining
Programming and Data Structures
Electronic Commerce
Software Engineering and Quality Assurance
Object Oriented Programming
Object Oriented Analysis and Design
Cryptography and Network Security
Data Base Management Systems
Fundamentals of Computing
Computer Networks
Data Communications
Distributed Systems
Mobile Communication

Research Areas

Data Mining
Natural Language Processing
Big Data Analytics
Image Processing
Information Security

Conferences and Seminars Attended

- Attended the Webinar on “Get the Big Picture, Demystifying the Government Artificial Intelligence Policy” by Rajalakshmi Institute of Technology on 17th October 2020.
- Attended the Virtual Talk on “Inspirational Leadership and Motivation” by Mr. Shiv Khera organized by IGNOU on 28th September 2020.
- Attended the Leadership Talk organized by Dr. Abhay Jere Chief Innovation Officer, MHRD's

Innovation Cell on 16th May 2020

- Attended webinar on “OBE Implementation & Academic Automation to Achieve Excellence Leading to Accreditation Readiness through IonCUDOS” organized by IonIdea, India on 7th April 2020.
- Attended the TPO & Principal Meet at INFOSYS TECHNOLOGIES on “INFYTQ”, Mahindra City during January 2020.
- Attended Three-day “**Academic leadership workshop on SI for Principals**” from 29th -31st March, 2019 at IIIT- Hyderabad
- Attended the “**Industry Summit**” by IBM at Hotel Leela Palace, Bangalore on 31st August 2017.
- Attended the Conclave on **Professional Development in Business Analytics** during August 10 & 11, 2017 at SSN Engineering College, Chennai
- Participated in the workshop on “**Solar Resource Assessment & Solar Project Development**” held at National Institute of Wind Energy, Chennai on 12th November 2014.
- Presented a paper titled “**Framework for Intelligent Web Search Engine using Location Aware Searching**” at the 3rd International Conference on Data Management held during 11-12 March 2010, IMT, Ghaziabad, New Delhi.
- Participated in the International Conference on “**Recent Trends in Computing and Communications**” conducted by ForumAct and KC Tech at KCG College of Technology, Chennai during 18th & 19th December 2009.
- Participated in the International Conference on “**Web Intelligent Systems**” during 8-10 January 2009 at Rajalakshmi Engineering College, Chennai.
- Participated in “**MISSION 10X**” workshop organized by WIPRO at RMK Engineering college from 26-02-2008 to 01-03-2008.
- Completed the workshop on “**High Impact Presentation Skills**” organized by WIPRO at RMK Engineering College on 26th and 27th February 2008.(Attested by Dale Carnegie & Associates, Inc. Trainer and WIPRO).
- Attended the AICTE Sponsored national Seminar on “**Data Mining and Data Warehousing**” at St. Peter’s Engineering College from 1st to 3rd March 2007.

FDPs and Workshops Attended

- Attended 10-days Training on Applied Deep Learning for Medical Data Analysis by EduxLabs India from 27th October 2020 to 9th November 2020.
- Attended the 6 Days AICTE sponsored Online STTP on “Recent Trends in Artificial Intelligence and Soft Computing- III” organized by RMD Engineering College from 14th to 19th September 2020.
- Attended the 5 Days ATAL Online FDP on “Design Thinking” Conducted by Vellore Institute of

Technology from 14th to 18th September 2020.

- Attended the 5 Days ATAL Online FDP on “ Data Science” by Prathyusha Engineering College from 7th to 11th September 2020.
- Attended the 5 Days Online FDP on “Process Management in Problem Solving (Online LIVE FDP)” conducted by ICT Academy on 18 Aug 2020 to 22 Aug 2020.
- Attended the 5 Days-Online FDP on “Inclusive Procedures and Processes in Assessment and Accreditation by NAAC” organized by IQAC of St. Joseph’s College(Autonomous), Trichy from 30th June to 4th July 2020.
- Attended the 5 Days Online FDP on “Augmented Reality an Alternate Teaching Approach” conducted by Kumaraguru International Centre for Artificial Intelligence and Robotics from 30th May to 3rd June 2020.
- Attended the Two-Day Industry Led Training on “Amazon Web Services (AWS)” conducted by RMK Engineering College on 4th and 5th June 2020.
- Attended the 3 Days online FDP on “Embedded and IoT BootCamp” organized by Mohammed Sathak AJ College of Engineering, Chennai from 27th May to 29th May 2020.
- Attended the 6 days FDP on “**Working Culture for Professional**” at Sri Sai Ram Engineering College, Chennai during December 2019.
- Attended Three-day “**Academic leadership workshop on SI for Principals**” from 29th -31st March, 2019 at IIIT- Hyderabad
- Attended Workshop on “**Creating ChatBot**” on 26th January 2018 at IITM Research Park, Chennai
- Attended Workshop on “**Machine Learning using Python**” in November 2017 at IITM Research Park, Chennai
- Attended one day Faculty Development programme on “Recent Trends in IT Industries” at IBM on 22nd July 2017.
- Attended 2 workshop on workshop on “scope for R & D Projects and Proposal Preparation” on 12.05.2017 at Anna University, Chennai
- Attended the 3 days workshop on “Internet of Things” at MIT, Chennai on 21 & 22 October 2016.
- Attended the 7 days FDP on “**Mobile Application on Android**” organized at Prathyusha Engineering College from 04.01.2016 to 14.01.2016.
- Attended the National Level Workshop on “**IOT and Cyber Security**”, organized by KCG College of Technology,Shollinganallur on 18.09.2015 & 19.09.2015.
- Attended the UGC sponsored workshop on “**Big Data Mining & Search**”, organized by DCSE, CEG, Anna University, Chennai during 3rd -5th December 2014.
- Participated in the workshop on “**Solar Resource Assessment & Solar Project Development**” held at National Institute of Wind Energy, Chennai on 12th November 2014.

- Attended the faculty Development training programme on “**Cloud Computing**” sponsored by Anna University conducted at RMK Engineering College from 4th to 11th December 2013.
- **Attended the “NBA-New Outcome Based Accreditation” workshop on 13-09-2013 and from 26-09-2013 to 28-09-2013 organized by NBA at RMK Engineering College.**
- Attended the FDP on “**Creativity & Innovation**” conducted by CTS at CTS, Chennai on 05-09-2013.
- Participated the workshop on “**Planning and Preparing an International Quality PhD Thesis**” organized by Hindustan University in collaboration with Central Leather Research Insitute, Chennai from 16-08-2012 to 18-08-2012.
- Attended the International workshop on “**Data Mining for Web Intelligence**” conducted by Madras Institute of Technology during 20th & 21st January 2011.
- Attended the FDP on “**Information Security, Standards and Regulations**” jointly organized by RMK Engineering College and Tata Consultancy Services Ltd., on 13-09-2010.
- Participated in the FDP on “**Natural Computation in Engineering**” organized by IEEE Madras Section at Velammal Engineering College during 6th & 7th February 2010.
- Participated in the FDP on “**Mobile Computing**” organized by RMK Engineering College and Tata Consultancy Services on 21st November 2009.
- Participated the DSA Sponsored Workshop on “**Challenges in Intelligent Web Applications**” organized by College of Engineering Guindy, Anna University, Chennai on 9th & 10th March 2009.
- Participated in the International Conference on “**Web Intelligent Systems**” during 8-10 January 2009 at Rajalakshmi Engineering College, Chennai.
- Participated in the Workshop on “**Statistical Data Mining**” held at the Department of Statistics, University of Madras, Chennai on 21st and 22nd November 2008.
- Participated in “**MISSION 10X**” workshop organized by WIPRO at RMK Engineering college from 26-02-2008 to 01-03-2008.
- Completed the workshop on “**High Impact Presentation Skills**” organized by WIPRO at RMK Engineering College on 26th and 27th February 2008.(Attested by Dale Carnegie & Associates, Inc. Trainer and WIPRO).
- Attended the AICTE QIP Short Term Course on “**Knowledge Management**” from 03-12-2007 to 14-12-2007, organized by Department of Computer Science and Engineering, Anna University Chennai.
- Participated in the International Workshop on “**Modern Image Processing**” conducted by Dr. Aed El Sabae, University of South Alabama, USA at RMK Engineering College on 2nd & 3rd August 2007.
- Attended the AICTE Sponsored national Seminar on “**Data Mining and Data Warehousing**” at

St. Peter's Engineering College from 1st to 3rd March 2007.

Certification Courses Completed

- Completed course on “**Search Engine Marketing**” at ISelf Academy during June 2018.
- Google certification in “Adwords” during June 2018.
- Completed the online course “**Artificial Intelligence Planning**” offered by **The University Of Edinburgh**, through Coursera.org during March 2015.
- Completed the online course “**Big Data and Social Physics**” by **Massachusetts Institute of Technology, USA** through edX.org during May 2014.
- IBM certification for “Rational Functional Testing Tool” during July 2012.
- IBM Certified Deployment Professional- Tivoli Directory Server V6.1 during September 2010.
- IBM Certified Database Associate – DB2 Fundamentals during July 2009.
- IBM Certified Associate Developer – Rational Application Developer for webSphere Software V6 during December 2009.
- Course on “Web Graphics and Multimedia” at ARENA Multimedia, Anna Nagar, Chennai during April 2004.
- Rational Certification on “Essentials of Rational Unified Process and Fundamentals of Rational Rose” during July 2004.
- Completed course on “Java Programming” at STG, Chennai during December 1999.

Conferences, Seminars and Workshops Organized

- Organized 3 Days State level Online Students Training Programme on “Logical Thinking and Coding” from 25th to 27th June 2020.
- Organized 3 Days students’ workshop on “INFYITQ” by INFOSYS TECHNOLOGIES for Chennai Region from 13-15 Feb 2020.
- Organized the seminar on “Industry Readiness” for students during July 2019.
- Organized 30 Hours Project Marathon HACKFEST 2K18 during February 2018 at Prathyusha Engineering College.
- Organized a Faculty Training Program on “PYTHON PROGRAMMING” on 19th August 2017 at Prathyusha Engineering College.
- Organized the INFOSYS CAMPUS CONNECT peer enablement programme on FP4.1 at Prathyusha Engineering College on 15th December 2017
- Coordinated the 2nd **IEEE International Conference on “Advances in Electrical, Electronics, Information, Communication and Bio-informatics**” on 27 & 28th February 2017 at Prathyusha Engineering College
- Convened the two days workshop on “BIG DATA ANALYTICS” on 1 & 2 December 2016.

- Convened the two days workshop on “ Exploring R Tool for Statistical Data Mining” on 21 & 22 November 2016.
- Coordinated the 2nd **IEEE International Conference on “Advances in Electrical, Electronics, Information, Communication and Bio-informatics”** on 27 & 28th February 2016 at Prathyusha Engineering College.
- Coordinated **Anna University approved 7-Days Faculty Development Training Programme** on “Design And Analysis And Algorithms” from 17.12.15 to 23.12.15 at Prathyusha Engineering College.
- Coordinated the workshop on “**Training On Data Analytics Using R**”, on 11.01.2016 at Prathyusha Engineering College.
- Coordinated the workshop on “**CCNA : Introduction to network, routing and Switches**”, on 12.01.2016 at Prathyusha Engineering College.
- **Coordinated Anna University approved 7-Days Faculty Development Training Programme** on “CS6303-Computer Architecture” from 18th to 24th May 2015 at Prathyusha Institute of Technology and Management.
- Organized ISTE sponsored national conference on “**Information and Communication Engineering**” during February 2014.
- Organized IEEE sponsored national conference on Information and Communication Engineering during February 2013.
- Coordinated “ISTE sponsored two days national workshop on recent trends in Data Mining” during February 2010.
- Coordinated a two days national seminar on “Cryptography and Network Security” during December 2009.
- Coordinated national level technical symposium for four times.
- Organizing committee member for the international conference conducted by IACSIT in Chennai in December 2011.

Other Credits

- **Secured 5th Place among 2438 contestants in the National Level DIGI GURU contest by ICT Academy.**
- Academic council member for Department of Information Technology at RMK Engineering College, Chennai.
- Academic council member for Department of Computer Science and Engineering at St. Peter’s University, Chennai.
- Doctoral Committee member for four candidates in Anna University.
- Received **CSI Best Accredited Student Branch award** from CSI, INDIA during Dec 2015.

- Resource person for Anna University approved FDTP on “Computer Architecture” organized by DCSE, Prathyusha Institute of Technology and Management on 19th May 2015.
- Resource person for Anna University Sponsored FDP on “Software Engineering” organized by Jeppiar Engineering College during December, 2014.
- Resource person for FDP on “Digital Principles and System Design” organized by DCSE, Prathyusha Institute of Technology and Management on 19th December 2014.
- Wide experience in NBA preparation. (PEC : Obtained for 3 Years and extended for further 3 years, RMKEC-IT Dept-obtained for 5 years in 2014, SPEC-IT Dept.-obtained for 3 years in 2007)
- Wide experience in NAAC preparation (Prathyusha Engineering College : A Grade)
- Session chair and reviewer for the International Conference on “Big Data & Cloud Computing” conducted by St. Peter’s University during 26-27 March 2015.

Paper & Patent Publications

- Indian Patent, “A System And Method To Prevent Unconscious Driving Behaviours”, 202041042968 A, The Patent Office Journal No. 41/2020 Dated 09/10/2020, Pp. 52481.
- Balachandra Pattanaik, Chitra P, Lakshmi H R, Thamarai Selvi G, Thamarai Selvi G, Nagaraj V, “Contrasting Performance Metrics of Discrete Transformations on Digital Image Steganography using Artificial Intelligence”, Accepted in Scopus Indexed Journal Materials Today: Proceedings, Cite Score :1.3, ISSN :2214-7853,S-Bland-ELSEVIER SCIENCE BV, Nov 2020.
- Mohana Geetha Dhandapani, **Chitra P**, Umamaheswari M., Naeen P., Nagaraj V, “Smart Fertilizer Management System Based on IoT Chlorophyll Meter”, Accepted in Scopus Indexed Journal Materials Today: Proceedings, Cite Score :1.3, ISSN :2214-7853,S-Bland-ELSEVIER SCIENCE BV, Oct 2020.
- Chitra.P, Jayabharathi M, Lakshmi Priya M, Yogalakshmi S, “Public Crime Reporting and Monitoring Systems”, International Journal of Engineering Science and Computing, ISSN 2321 3361, pp 20483-20487, 2019.
- Chitra.P, Saikrishna G.V,Janani S, “Smart Ambulance Service”, International Journal of Engineering Science and Computing, ISSN 2321 3361, pp 20635-20639, 2019.
- Chitra P, Pavithran P, Saranya V, et al. “GPS-based Dengue Risk Index App”, Journal of Computer Technology & Applications. 2018; 9(1): 12–16pp. 2018
- P.Chitra, A.Magendran, S.Magesh, D.Raja, "Automatic Irrigation And Motion Detection Using IoT", International Journal Of Creative Research Thoughts (IJCRT), ISSN:2320-2882, Volume.6, Issue 1, 2018, Page No pp.1690-1694.

- P.Chitra, K.H.Aiswarya, D.Aswini, K.G.Geetha, “Efficient Clinical Decision Support System, International Journal of Engineering Science and Computing, March 2017 ISSN 2321 3361, pp5868 – 5873.
- P.Chitra, N.Naveena, R.Priyanka, D.Priyatharsini, “Online Smart Purohit Booking System Based On Category, International Journal of Innovative Research in Computer, and Communication Engineering, ISSN(Online): 2320-9801, ISSN (Print): 2320-9798, Vol. 5, Issue 3, March 2017
- P.Chitra, R.Kumaravel, R.B.Arun Kumar, “ERP FOR GROCERY SHOP, International Journal of Innovative Computer Science & Engineering, Volume 4 Issue 2; March-April-2017; Page No. 22-27, ISSN: 2393-8528.
- ChitraPasupathi and VijayaKalavakonda, “Evidence Based Health Care System Using Big Data for Disease Diagnosis”, Proceedings of 2nd IEEE International Conference On Advances in Electrical & Electronics, Information, Communication & Bio Informatics AEEICB – 2016, February 2016, Chennai, pp. 748-752.
- P. Chitra, A.Bhargavi, C.H.Lohitha and K.Pavithra, “Product Comparisons with Improved Reliability”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 4 Issue III, March 2016, ISSN: 2321-9653, pp.823-825.
- P. Chitra, L.Sam Joseph, N.Vimal and B.yuvaraj, “Incremental Map Reduce For Efficient Data Retrieval”, International Journal of Innovative Research in Computer and Communication Engineering, Vol. 4, Issue 3, March 2016, ISSN(Online): 2320-9801, pp. 3598-3604.
- U.Divya, **ChitraPasupathi**, “Survey on Machine Learning Approaches for Solar Irradiation Prediction”, International Journal of Engineering Sciences & Research Technology, Vol 3(10), ISSN: 2277-9655, pp. 478-482, 2014. (IF : 3.785)
- U.Divya, **ChitraPasupathi**, “Solar Radiation Prediction using Temporal Gaussian Process Regression”, International conference on advances in Emerging Technology, March 2015, Chennai, pp. 28.
- R.Praveen Kumar, R.Sanjay Kumar, D.Yugesh, **ChitraPasupathi**, “Clinical Decision Support System with Evidence Gathering using Big Data”, Proceedings of Fifth National Conference on Innovation in Intelligence and Computing Technologies – 2015, April 2015, Chennai, pp. 1-5.
- U.Divya, **ChitraPasupathi**, “Solar Radiation Prediction using Temporal Gaussian Process Regression”, International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), ISSN 0976-1353, 2015, pp.347-352. (IF:1.012)
- U.Divya, **ChitraPasupathi**, “A Machine Learning Approach to Predict Solar Radiation for Solar Energy Based Devices”, International Journal of Computer Science & Engineering

Technology (IJCSET), ISSN : 2229-3345, Vol. 6 No. 05 May 2015, pp. 289-294.

- **ChitraPasupathi**, BaskaranRamachandran and SarukesiKarunakaran, “Web Document Segmentation Using Frequent Term Sets for Summarization”, *Journal of Computer Science*, Vol 8(12), ISSN 1549-3636, pp. 2053-2061, January 2013. (IF : 1.648)
- **ChitraPasupathi**, BaskaranRamachandran, SarukesiKarunakaran, “Efficient Query Sensitive Summarization using Frequent Term Sets Based Document Segments”, *European Journal of Scientific Research*, Vol.84 No.3, pp.433-444, 2012.. (IF : 0.468)
- **Chitra.P**, Baskaran.R, Sarukesi.K, “Query Sensitive Comparative Summarization Of Search Results Using Concept Based Segmentation”, *Computer Science & Engineering: An International Journal (CSEIJ)*, Vol.1, No.5, December 2011, pp31-43, DOI : 10.5121/cseij.2011.1503
- **ChitraPasupathi**, R. Baskaran, and SarukesiKarunakaran, “Selection Based Comparative Summarization of Search Results Using Concept Based segmentation”, *The Fourth International Conference on Network Security & Applications (CNSA-2011)*, Communications in Computer and Information Science, Springer Verlag, Germany, ISSN 18650929, pp. 655-654, 2011.
- **P.Chitra**, K.Sarukesi, R.Baskaran and P.Dhavachelvan, “Framework for Intelligent Web Search Engine Using Location aware Searching”, *Third International Conference on Data Management ICDM-2010*, pp. 94-106, NewDelhi, 2010.

Professional Society Memberships

- ISTE : Life member
- CSI, India
- IAENG, Hong Kong : Life Member (121897)
- IACSIT, Singapore : Life member (80340620)
- IRED (Institute of Research Engineers and Doctors), New York, USA : Senior member
(SNM10100053375)

S. S. SRIDHAR



Dr. S. S. Sridhar

Professor

Area : Computer Science Engineering

Mail : sridhar.s@ktr.srmuniv.ac.in

Affiliation : Department of Computer Science and Engineering, Kattankulathur Campus, SRM Institute of Science and Technology (formerly known as SRM University).

EDUCATION

Ph.D	Artificial Neural Networks	SRM Institute of Science and Technology (formerly known as SRM University), 2015
M.S	Software Systems	Birla Institute of Technology and Science, 1995
B.E	Computer Engineering	Madurai Kamaraj University, 1990

COURSES

- Compiler Design
- Artificial Neural Networks
- Pattern Recognition
- Digital Image Processing
- Bio Informatics
- Soft Computing
- Genetic Algorithms

RESEARCH INTERESTS

- Artificial Neural Networks
- Pattern Recognition

- Image Processing etc.

SELECTED PUBLICATIONS

- With Sreenivasan Narayanan and Dr.R.Sivakumar, (2018), “Development of ArcPy Based Customized Tool in GIS for Seismic Information System” , International Journal of Pure and Applied Mathematics, Volume 118 No. 22 2018, pp. 377-382, ISSN: 1314-3395
- With Jitcha Shivang, (2018), “ Weather Prediction for Indian Location Using Machine Learning” , International Journal of Pure and Applied Mathematics, Volume 118 No. 22 2018, pp. 1945-1949, ISSN: 1314-3395
- With Chandrasekhar Kumbhar (2018), “Trend analysis of university placement by using Machine learning algorithms”, International Journal of Engineering & Technology, Vol. 7 (2.4) ,2018, pp. 178-181, DOI: 10.14419/ijet.v7i2.4.13034.
- With Vivia Mary John, (2017), " A Comparative Study on the Emotional Behavior of Humans towards Color using the P300 Component", Indian Journal of Science and Technology, Vol 10(20).
- With Mochitha Vijayan , (2017), " Improved Learning in Constructive Neural Networks for Pattern Classification using Genetic Algorithm", Indian Journal of Science and Technology, Vol 10(18).
- With Mochitha Vijayan , (2016), "A Genetic Algorithm Based Learning In Constructive Neural Network for Pattern Classification", International Journal of Control Theory and Applications , Vol. 9, No. 37, pp.393-401.
- With Vivia Mary John, (2016), "A Feasibility Study on the Emotional Quotient of Humans Towards Color using Visual Evoked Potential", International Journal of Control Theory and Applications , Vol. 9, No. 37, pp. 589-602.
- With Battula Sateesh , (2014), “Classification of Hyper Spectral Images using the Unsupervised Technique”, International Journal of Business Management and Economic Research(IJBMER), Vol 5(1), pp.2507-2510.
- With Shivanand Singh, (2014), "An Approach to Efficient Image Annotation", International Journal of Scientific Research in Computer Science Applications and Management Studies , Volume 3, Issue 3 .
- S.S.Sridhar and R.Shivaraman, (2012), "Feasibility Study for Implementing Brain Computer Interface Using Electroencephalograph", International Conference on Internet Computing and Information Communications", ICICICGlobal, Feb.12-14.

- With Srimathi.H, Krishnamoorthy.A., (2012),“Achieving Quality Standards through Mission10X Programme: Case Study”, Achieving Excellence through Accreditation, First World Summit on Accreditation, WOSA 2012, pp.183-190
- With M.Ponnaivaikko, "A Novel Constructive Neural Network Architecture Based on Improved Adaptive Learning Strategy for Pattern Classification", Proceedings of the International Conference on Soft Computing for Problem Solving, SOCPROS, AISC 130, pp. 401-412, SpringerLink,2011
- S.S.Sridhar and M.Ponnaivaikko. (2011), 'Improved Adaptive Learning Algorithm for Constructive Neural Networks', International Journal of Computer and Electrical Engineering, Vol.3, No.1, pp.30-36.
- With Bibek Kabi, S.Akash, N. Chellammal, "Developing a Flight Control Strategy for a Four-rotor Under-actuated UAV", International Conference on "Emerging Trends in Robotics and Communication Technologies" December 3-5, 2010.
- With M.Ponnaivaikko,"Analysis of Constructive Neural Network Learning algorithms for Pattern Classification", IEEE International Advance Computing Conference,Patiala,March 6,7,2009.
- S.S.Sridhar and M.Ponnaivaikko. (2009), 'New Constructive Neural Network Architecture for Pattern Classification', Journal of Computer Science, Vol. 5 (11), p.p 843-848.
- With V.Narasimha Raghavan,T.Peer Meera Labbai, "Relational Fuzzy Clustering Algorithm based on the Idea of Mediods in Intrusion Detection", Proceedings of the International Conference on Information Security & Computer Forensics, p.p.133-142, ISBN: 81-8424-141-0, December 6-8, 2006
- With V.Narasimha Raghavan, Suvitha Kesavan, "Application of Elliptic Curve Cryptography for secured communication in Wireless Networks", Proceedings of the National Conference on Mathematical Techniques and Applications, pp 19-232, ISBN 978-81-7319-891-5, 5th - 6th,January 2006.

PAPER PRESENTED

- Maddali Krishna Akhil, Janmajay Singh, S.S.Sridhar, "Heart Sound Classification", Proceedings of the International Conference on Recent trends in Computing and Information Technology, 2017.
- Hanusha.K ,G.Priyanka ,Dr.S S Sridhar , “Data Protection In The Cloud By Using Jar Generation”, International Conference on Innovations in Computing & Networking (ICICN16), May 2016.
- S.S.Sridhar and M.Ponnaivaikko, (2011), "A Novel Constructive Neural Network Architecture Based on Improved Adaptive Learning Strategy for Pattern Classification", Proceedings of the International Conference on Soft Computing for Problem Solving, SOCPROS, AISC 130, pp. 401-412, SpringerLink.

- With Bibek Kabi, S.Akash, N. Chellammal, (2010),"Developing a Flight Control Strategy for a Four-rotor Under-actuated UAV", International Conference on "Emerging Trends in Robotics and Communication Technologies" December 3-5.
- S.S.Sridhar and M.Ponnaivaikko,(2009),"Analysis of Constructive Neural Network Learning algorithms for Pattern Classification", IEEE International Advance Computing Conference,Patiala, March 6,7.
- With V.Narasimha Raghavan,T.Peer Meera Labbai, (2006),"Relational Fuzzy Clustering Algorithm based on the Idea of Mediods in Intrusion Detection", Proceedings of the International Conference on Information Security & Computer Forensics, p.p.133-142, ISBN: 81-8424-141-0, December 6-8.
- With V.Narasimha Raghavan, Suvitha Kesavan,(2006), "Application of Elliptic Curve Cryptography for secured communication in Wireless Networks", Proceedings of the National Conference on Mathematical Techniques and Applications, pp 19-232, ISBN 978-81-7319-891-5, 5th - 6th,January.
- With G.Venkatesh Prabhu, (2004), "Adaptive Document Classification", Proceedings of the International Conference on Trends in Computer Science and Engineering", Chennai ,May 2004.

CONFERENCES

- S.S.Sridhar and M.Ponnaivaikko. (2009), 'Analysis of Constructive Neural Network Learning algorithms for Pattern Classification', IEEE International Advance Computing Conference,Patiala, March 6,7.
- S.S.Sridhar, Bibek Kabi, S.Akash, N. Chellammal. (2010), 'Developing a Flight Control Strategy for a Four-rotor Under-actuated UAV', International Conference on "Emerging Trends in Robotics and Communication Technologies" December 3-5.
- S.S.Sridhar, V.Narasimha Raghavan,T.Peer Meera Labbai. (2006), 'Relational Fuzzy Clustering Algorithm based on the Idea of Mediods in Intrusion Detection', Proceedings of the International Conference on Information Security & Computer Forensics, p.p.133-142, ISBN: 81-8424-141-0, December 6-8.
- S.S.Sridhar, V.Narasimha Raghavan, Suvitha Kesavan(2006), 'Application of Elliptic Curve Cryptography for secured communication in Wireless Networks', Proceedings of the National Conference on Mathematical Techniques and Applications, pp 19-232, ISBN 978-81-7319-891-5, 5th - 6th.
- Tanvi Bhandarkar, K.Vardaan, Nikhil Satish , S.S.Sridhar, R.Sivakumar, Snehasish Ghosh,“ Earthquake Trend Prediction using Long Short Term Memory RNN”, Submitted to Neural Computing and Applications, Springer.(under Review)

ACADEMIC EXPERIENCES

- Professor, School of Computing, SRM Institute of Science and Technology (formerly known as SRM University), (2004- Till Date)
- Assistant Professor, Department of Computer Science Engineering, SRM Engineering College/ SRM Institute of Science and Technology (formerly known as SRM University), (2000 -2004)
- Senior Lecturer, Department of Computer Science Engineering, SRM Engineering College/ SRM Institute of Science and Technology (formerly known as SRM University), (1997-2000)
- Lecturer, Department of Computer Science Engineering, SRM Engineering College/ SRM Institute of Science and Technology (formerly known as SRM University), (1990-1997)

OTHER PROFESSIONAL EXPERIENCES

- IEEE and IEEE Computational Intelligence Society
- Institution of Engineering and Technology (IET)
- ACM Member
- International Association of Engineers (IAENG)
- International Association of Computer and Information Technology (IACSIT)
- Computer Society of India (CSI)
- Indian Society for Technical Education (ISTE)
- Indian Science Congress Association (ISCA)

ACHIEVEMENTS AND AWARDS

- Vice-Chairman, IET Chennai Local Network
- Coordinator for Wipro Mission10x Faculty empowerment Programme from 2008 till date
- Co-Convenor for International Conference on Advances and Emerging Trends in Computing Technologies, June 2010
- Conducted a National Conference on Computer Vision, AI & Robotics in October 2007
- Conducted a National Conference on Current Trends on Computer Technology in 2006
- Authored a Book titled "Computer Practice" for First Year B.Tech students, Anuradha Publications,2007
- Setting up of Brain Computer Interface Research Lab in the Department in 2007

- Convenor for National Workshop on Research Challenges in Soft Computing, Dec16-17,2011
- HOD in-charge for Department of Computer Science and Engineering, SRM Institute of Science and Technology (formerly known as SRM University) from 2000 & HOD from 2007-2008
- Conducted a Short Term Training Programme on "Recent Trends in Wireless and Mobile Computing" under the banner of AICTE-ISTE in 2003
- Coordinator for Student Exchange Programme for Kyushu Institute of Technology, Japan
- Core member in getting a grant of Rs.7 Lakhs for the project "64 bit High-end Workstation for LAN" under MODROBS, from AICTE in 1997
- Organized and Conducted National Level Workshop "Hospital Information Systems", for Doctors and Engineers in 1995

Gokulrajh Palani Samy Professional Summary

Role: Onshore Build Lead – Custom Application

Mail Address:

gokulrajh.ps@accenture.com

rajhgokul@gmail.com

Mobile Number:

Singapore – +65 8332 7363

LinkedIn Profile:

<https://www.linkedin.com/in/gokulrajh-palani-samy-6767b539/>

Dear Sir / Madam,

Kindly find enclosed my resume to provide you with an overview of my relevant experience and training in various Domains. I have 8.9 years of experience in **Health & Public Sector, C&I Banking, Products, Communications & Media Technology** and **Capital Marketing** Domains. Having competency in **Java/J2EE** technologies, **OSGi - MicroServices, Oracle Fusion Middleware** products like **SOA, BPM, OPA, Frameworks – Struts & Spring, Liferay Portlets, SQL** and **Angular JS**.

In addition to these technical areas of work, have also been involved in **Continuous Improvement Initiatives** in the Project for automating the repetitive tasks.

I will be delighted to discuss my experience further with you to suit your requirement.

Looking forward to hear from you.

Yours sincerely,

Gokulrajh Palani Samy

EXPERIENCE

Accenture SG Services Pvt Ltd, September 2018 – Till Date
Associate Manager

Virtusa Corporation, September 2016 – September 2018
Senior Consultant

Accenture Services Private Limited, August 2010 – September 2016
Team Leader

EDUCATION

Bachelor of Electronics & Communication Engineering 2006-2010
St.Peter's Engineering College, Avadi, Chennai-600 054 80 %
(Affiliated to Anna University)

Higher Secondary 2005-2006
F.E.S. Matriculation Higher Secondary School, Chennai-600 118 90.75%
(State Board)

S.S.L.C. (X Std) 2004-2005
F.E.S. Matriculation Higher Secondary School, Chennai-600 118 87.27%
(Matriculation Board)

TECHNICAL SKILLS

Primary Skills : Core Java, MicroServices, Spring, Struts, Hibernate

Secondary Skills : Oracle SOA, BPM, OPA, Angular JS, Node JS, JSP

Operating Systems : Windows, UNIX

Databases : Oracle, MySQL

Tools and Applications : Eclipse, IntelliJ, JDeveloper, SQL Developer, Brackets, WebStorm, Tortoise SVN, Tortoise GIT, Jasper Reports, ClearCase, HP Quality Centre, JIRA, BMC Remedy, JBoss Fuse, WebLogic Server, Weblogic Server with SOA layer, WebSphere Application Server, Tomcat Application Server, Maven.

CERTIFICATION:

- Scrum Master Accredited Certification.
- Oracle OCP Java SE 6 Programmer.

PROJECT PROFILE #1

Project Name	Networked Trade Platform
Organization	Accenture SG Services Ptd. Ltd.
Role	Onshore Build Lead
Duration	September 2018 – Till Date
Technology / Tools	IntelliJ, SQL Developer, Tortoise GIT, Spring Core, Spring ORM, Spring AOP, Spring Batch, Hibernate, Maven, Jenkins, Oracle 11g, JIRA, JAX-WS, JAX-RS, JAX-B
Client	Standard Chartered Bank

Project Description:

Networked Trade Platform (NTP) is the new platform that will replace the current TradeNet and eCustoms processing systems in the Customs IT Landscape. The Inventory Control Management (ICM) module of the NTP is the application which processes creation of Lots, submission of Inventory Statements and Petroleum Movement Statistics. It also handles applications for Non-Permit Operation, Sample Test and provides a range of supporting services, such as Lot Listing and Stock/Quota Balance query. The end users of this system are Licensees and Customs Officers.

Challenges Faced:

Being Onshore Build Lead of ICM which had Delivery Centres in more than one location with tight deadlines was able to meet the delivery of the bundles with appropriate quality metrics by collaborating effectively with Offshore Developers.

Responsibilities:

- Performed as Onshore Build Lead owning the build and delivery of the module - ICM of NTP.
- In the project involved in analyze, design and development of critical module requirements given as per FD.
- Exhibited strong technical skill and taken responsibility to deliver tasks on time.
- Involved in Technical Design Review and Coding reviews.
- Published the Weekly Status Report to higher management which gave the clear visibility on the various tasks performed by team.

PROJECT PROFILE #2

Project Name	WorkBench 2.0
Organization	Virtusa Corporation
Role	Development Lead
Duration	September 2016 – September 2018
Technology / Tools	IntelliJ, SQL Developer, Tortoise GIT, Spring Core, Spring ORM, Spring AOP, Spring Batch, Hibernate, Maven, Micro-Services, Jenkins, Oracle OPA, Oracle 11g, JIRA, HP Quality Centre, Jasper Reports, JAX-WS, JAX-RS, JAX-B
Client	Standard Chartered Bank

Project Description:

WorkBench 2.0 is the Bank's strategic client servicing platform that allows Relationship Managers and other Front Office Product Partner Sales staff to manage and deepen Client Relationships.

Challenges Faced:

Being introduced to JBoss Fuse – Microservices, quickly learnt and delivered the requested functionality with quality on time. Oracle OPA was chosen for implementing Questionnaire functionality. Achieved the integration of Oracle OPA with Java layer using Form Services.

Responsibilities:

- Performed as a Development Lead owning the build and delivery of the following modules of WorkBench 2.0 – GEMS, Transaction ESRA, Account Plan and Transaction FATCA.
- In each project involved in analyze, design and development of critical module requirements given as per FSD.
- Exhibited strong technical skill and taken responsibility to deliver tasks on time.
- Involved in Technical Design Review and Coding reviews.
- Published the Daily Status Report to higher management which gave the clear visibility on the various tasks performed by team.

Achievements:

- Received multiple appreciation mails for successful and quality deliverables from Management and Client.

PROJECT PROFILE #3

Project Name	APLL Remodel LSS
Organization	Accenture Services Private Limited
Role	Senior Developer / Track Lead
Duration	April 2014 – September 2016
Technology / Tools	Eclipse, JDeveloper, SQL Developer,

	Brackets, WebStorm, Tortoise SVN, Spring Core, Spring AOP, Spring Batch, Spring MVC, Oracle BPM, AngularJS, NodeJS, MongoDB, Oracle 11g, Maven
Client	Neptune Orient Lines

Project Description:

Logistics Super Suite Program ('LSS') is to provide next generation integrated logistics operating platform to support inbound and outbound operations as well as global trade compliance for International Logistics Services. End to end visibility on supply chain event status from different trading partners and customers with alert and reporting capabilities as well as end to end management of freight forwarding and consolidation activities with clear segregation of roles from operators in origins, destinations, and centralized documentation teams are examples of key new capabilities that will be provided by LSS.

Challenges Faced:

Dynamic screen rendering with custom validation on fields based on logged in Customer profile implementation was requested and successfully implemented using KeyStone components / Custom Caching layer.

Oracle BPM was chosen for implementing Work Queues and Alert functionality. Attended trainings for the same and equipped myself to implement the functionality in short duration.

Responsibilities:

SWAT Team Member

- Involved with Senior Technical Architects in fixing the Performance Defects and Security Defect fixes.
- Build the Technical Framework components in Java Layer for Release 2 of LSS Application.
- Part of the Design and Implementation of Custom Caching layer in Release 2 of LSS.

Module Lead

- As a Module Lead for multiple modules like COB (Customer On-boarding), KeyStone Components and Custom Caching layer and handled teams of varying sizes from 4 to 12 members.
- Involved in Requirement analysis and Detailed Estimation based on the Functional Design walk through with Business Analyst team.
- Prepared Technical Design and passed on the knowledge to Team and completed the delivery of the components with high quality on time.
- Involved in Technical Design Review and Coding reviews.

Senior Developer

- Involved in multiple phase of SDLC like Requirement analysis ,Detailed Estimation, Technical Design preparation and Development and Deployment.
- Took the responsibility of Acting Team Lead role for BPM Team which consisted of 4 members' team.
- Involved in Technical Design Review and Coding reviews.
- Involved in Java API layer Design, Estimation, Technical Design and Build using Spring MVC + Hibernate framework.

Achievements:

- Received Accenture Celebrate Excellence – ACE Award.
- Received Rising Star – Stellar Award.
- Received Monthly Star Performer award.
- Received Celebrating Performance points (monetary benefit) multiple times for various milestone achievements.

PROJECT PROFILE #4

Project Name	Integrated Project Management
Organization	Accenture Services Private Limited
Role	Senior Developer / SIT Build Manager
Duration	March 2013 – April 2014
Technology / Tools	Eclipse, SQL Developer, HP Quality Centre, Tortoise SVN, Struts, Hibernate, Infinispan, JGroups, JSP, Oracle 11g, Maven
Client	NSN

Project Description:

Integrated Project Management ('IPM') is an online solution for the management of network delivery projects in a collaborative yet secure manner with operator customers, partners and Nokia Siemens Networks (currently called as Nokia Solutions and Networks) users. IPM users access real-time information on project progress, site information, site quality reports, as well as relevant project and site documentation.

Challenges Faced:

Involved in component builds which was tightly integrated with various external systems like Documentum and IFM (another Module of NSN). Build two complex technical CR's – Caching Layer Upgrade and Batch implementation using Excel File upload with all Business validations which are done on Online operation.

Responsibilities:

- Involved in Requirement analysis and Detailed Estimation, Technical Design, Build based on Technical Design of Java components using Struts + Hibernate + Spring IOC
- Worked in Performance Tunings of the application.
- Involved in Technical Design Review and Coding reviews.
- Actively participated in Continuous Improvement activities – automated the generation of Defect reports from HP Quality Centre and triggered mail to Developers and Testers.
- Played Build Manager role.

Achievements:

- Received Rising Star – Stellar Award.
- Received NSN IP CP Recognition Award from Technology Account Lead.

PROJECT PROFILE #5

Project Name	Ideas Project
Organization	Accenture Services Private Limited
Role	Developer
Duration	September 2012 – March 2013
Technology / Tools	Eclipse, Liferay IDE, SQL Developer, Tortoise SVN, Liferay Portlets, Oracle DB
Client	Nokia

Project Description:

Ideasproject.com is one of the subsidiary web portals of Nokia which would get the suggestions from people and would incorporate them in the devices. Ideasproject.com was built upon Liferay Framework - Java based Portal framework.

Agile Methodology was followed in the project.

Challenges Faced:

Though completely new to Portal framework, much commended for quick learning of the Liferay Portal and timely delivery of the component.

Responsibilities:

- Involved in Requirement analysis and Detailed Estimation, Technical Design, Development based on Technical Design of Java components using Liferay Portlets + Hibernate
- Involved in Internal Technical Design Review and Coding reviews.
- Was part of Account Level Events Management team and successfully conducted several Bay Events.

PROJECT PROFILE #6

Project Name	NCOM Global Support
Organization	Accenture Services Private Limited
Role	Tier 2 Support Member / Shift Lead / Onshore Coordinator
Duration	May 2011 – September 2012
Technology / Tools	Eclipse, Clearcase, GIT, SQL Developer, KeyNote, HP Quality Centre, Core Java.
Client	Nokia

Project Description:

NOKIA, was a world leader in mobile communications & we managed the Nokia.com web portal which serves as a platform for marketing and selling a wide range of products offered by Nokia.

It's a B2C (Business to Customer) portal where a prospective customer can view the list of phone products/accessories which are either available in market or yet to be released. It also helps consumers to buy products via portal application where the respective user would be notified by email alerts when the phone is available. Existing customer's get support like

warranty check, send phone for repairs, troubleshooting problems and many more features. Store & Authorized service center information for different cities is also available. Currently the NCOM platform supports around 35+ languages and is available across globe (70+ sites). NCOM has approximately 2 million hits per day.

Challenges Faced:

Team member of War Room which successfully prevented DDoS attack and closely monitored the NCOM. Involved in Nokia Press release and Product Launch events which were highly time concerned events.

Responsibilities:

Onshore Coordinator

- Involved in Domain migration and Build Deployment of Responsive Design NCOM.
- Provided Transition of Build from Onshore to Offshore support team.
- Involved in Nokia.com Press releases and Nokia Product Launches.

Tier-2 Support Member / Shift Lead

- Involved in Support Mailbox monitoring and solving issues within agreed SLAs.
- Actively participated in Continuous Improvement activities – Generation of Server Report graphs using Java Telnet API to pull server logs and draw graphs in Excel and automation of several other repetitive activities.
- Have played Shift Lead role and owned overall shift responsibilities.

Achievements:

- Received Constellation Team Member – Stellar Award.

PROJECT PROFILE #7

Project Name	Retail Shared Infrastructure
Organization	Accenture Services Private Limited
Role	Developer
Duration	Jan 2011 – May 2011
Technology / Tools	Eclipse, Clearcase, GIT, SQL Developer, HP Quality Centre.
Client	JP Morgan Chase

Project Description:

Retail Shared Infrastructure is a fully functional multi-channel middleware built as a compilation of web services (RSI Services). RSI Services enable the communication between systems and the implementation of business logic common to the enterprise. RSI Services are currently used by several front-end applications to communicate to several back end and external systems.

RSI Services are built in a J2EE environment, using IBM's WebSphere Application Server, DB2 database, and MQ Series for communication to back end systems. RSI involves Java, JSP, Servlet, EJB, JavaMail, Castor, JAXP, JMX, DB2, MQ Series, SSL, XSLT, SOAP, XML, and WSDL technologies.

Responsibilities

- Involved in requirement analysis and defect fixes in Web Services.

Personal Details

Date of Birth	: 03-Apr-1989
Sex	: Male
Marital Status	: Married
Nationality	: Indian
Passport No	: K0369547
Linguistic Abilities	: English, Tamil and Kannada.

Declaration

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

Place: Singapore

Yours Truly

Gokulrajh Ps

VETRIKUMARAN KRISHNAN

PRINCIPAL SOFTWARE ENGINEER
ORACLE SAAS-CLOUD FINANCIALS

+91 900-800-3162 | mohiitkrish2014@gmail.com



Currently in search of a new role in as Consultant to leverage over 12 years of enriched experience and passion for an organizational turnaround in terms of designing, leading, and optimizing operations while implementing best operational practices with an emphasis on business innovation, growth and return

WORK EXPERIENCE

Mar 2008 - Present | **Principal Software Engineer**

Oracle India Pvt. Ltd.



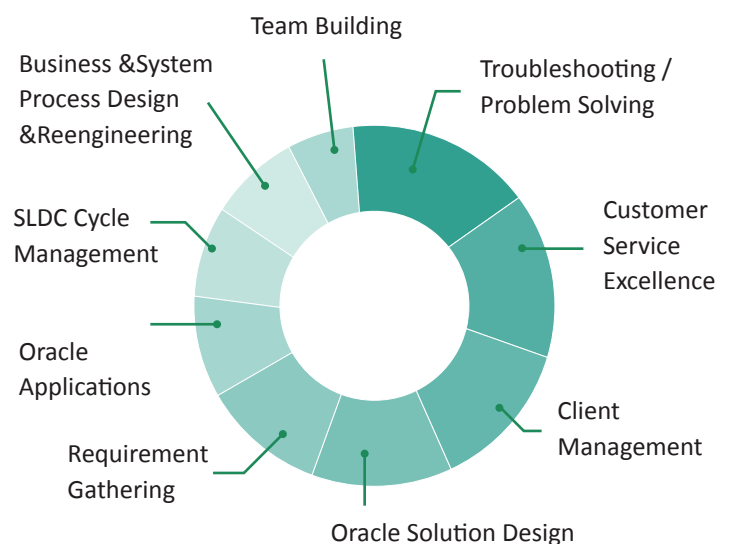
Key Deliverables:

- Offering product experience in developing detailed solutions and linking IT to business needs and requirements.
- Investigating software-related complaints; making necessary adjustments to ensure optimal software performance. Map the business process with the standard functionality of Oracle Application.
- Communicating with clients for requirement gathering, and finalizing technical/functional specifications & high-level design documents. Resolving functional & technical issues and troubleshooting of complex issues, related deficiencies & recommending process improvements. Participating in product and program collaboration.
- Simulating issues encountered by customers in internal environment and analyse the root causes of the issue.
- Delivering support to cross-functional teams for technical requests.
- Driving change across the enterprise, standing-up new processes, supporting an environment of continuous improvement and directing a board range of corporate IT initiatives.
- Assisting in defining the team's technical strategy and advising on product roadmaps and migration plans to achieve strategic goals. Leading new technology research, concept specification, and design of individual software components.
- Providing reliable solutions to a variety of technical problems/issues. Enhancing the structure and efficiency & provide strategic guidance to clients about technology, & enabling major business processes.
- Expert skills in providing technical guidance in software design and development activities.
- Delivering support in all phases of SDLC and ensure to deliver high-quality products.
- Developing most effective technical solutions to meet business requirements.
- Ensuring skills enhancement and development of every individual in the team; conducting periodic performance appraisal, motivating the team and retaining critical resources for the benefit of organization.

PROFILE OVERVIEW:

- Bringing 12+ yrs. of Techno-Functional Experience in Oracle ERP Financials Support & Implementation. Diversified Functional & Technical Skills with exposure in implementing & supporting, for various globally larger to small mid-market companies.
- Proven track record of working on Oracle Product Support as SME on R12 (GL, AP) attending critical calls during Month End/Go Live/UAT, & showstopper issues.
- Resolved more than 7000+ Service Requests on various functional areas in GL, AP, AR, CM, Eb-Tax, lexpenses, Approval Management and Purchasing.
- An ability to rapidly and effectively understand and translate product and business requirements into technical solutions.
- Customer-focused professional with leadership experience in improvement-based technical project management; ensured regular On-site visits to the Customer Business places for resolving the reconciliation issues.
- Excellent decision-making, proven leadership, analytical skills & problem-solving & team-building skills with abilities to manage independently the development resources concerned with major organizational projects.

CORE COMPETENCIES



ACADEMIC DETAILS

● Bachelor of Computer Science (BE)

Anna University, India



PROFESSIONAL CERTIFICATIONS

● Oracle Financials Cloud: General Ledger • 2019

Certified Implementation Specialist

● Oracle Financials Cloud: Payables • 2017

Certified Implementation Specialist

● Oracle Financials Cloud: Receivables • 2019

Certified Implementation Specialist

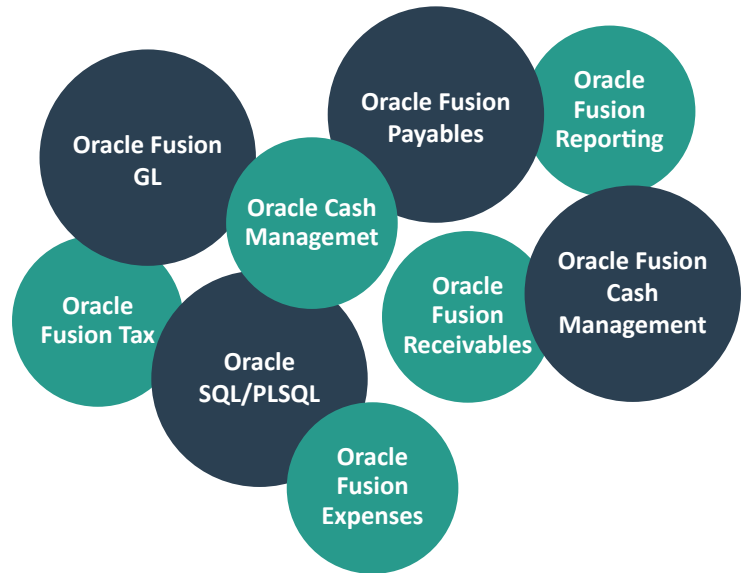
AWARDS & ACCOLADES

- ◆ Accredited as pacesetter Global Award winner, 2013; nominated for Oracle Oscars -2014.
- ◆ Received multiple Customer Champion awardee

MEMBERSHIPS

- ◆ Integral Member of Fusion Cloud implementation/Support Projects.
- ◆ An integral member of various projects with functional experience in General Ledger, Accounts Payable and Accounts Receivable, SLA, Reporting (Smart View, FRS) Payments, Expenses, Cash Management, and Purchase Order.
- ◆ An active member of functional testing and configuration team for R12 to R12.2.7

TECHNICAL SKILL SET



● Oracle E-Business Suite:

- ◆ R11i and R12 (GL, AP, AR, EB-Tax, SLA, Cash Mgmt., Report Manager, WEBADI, Client ADI)
- ◆ I setup

● Project Engagement Areas:

- ◆ Configuration ◆ End User Training ◆ Product Support
- ◆ Implementation Post Go-Live Support
- ◆ Applications Implementation
- ◆ Business & System Process Design and Reengineering
- ◆ Applications Support
- ◆ Testing

● Oracle Applications:

- ◆ Fusion ◆ EBS 12 ◆ 11i ◆ SQL Plus ◆ PL/SQL ◆ Web ADI
- ◆ BPM Approval Workflow ◆ REST APIs ◆ OTBI, Postman
- ◆ SoapUI ◆ ADFDI ◆ FBDI

ANNEXURE (MAJOR PROJECTS)

Jan 2018 - Present ● Oracle Fusion Implementation SAAS -Financial Product Support

Role in Brief:

- ◆ Participated in the configuration process and troubleshooting product issues across of all Financial Modules.
- ◆ Extensively looking upon the issues related to Invoices, Payments, Expenses, GL, Expenses, AR Transactions, Receipts and SLA Accounting Configuration. Involved in the configuration of Budgets, Allocation and basic setups for General Ledger such as Cross Validation, Security Rules, Consolidation etc.
- ◆ Handled very hot issues during the Month end/Go-Live on Batch Payments, Credit Card Processing & Expenses Management. Configured the approval rules using Business Process Management on various business scenarios.
- ◆ Actively participated in the configuration process of Advanced Intercompany Global System and Tax Integration.
- ◆ Worked on File Based Data Import processing -Invoice Import, Journal Import, Auto Invoice Import, Bank Statement Import, Payables Import. Developed many sample Payloads for processing the transactions using REST API's.
- ◆ Conducted impact analysis of any changes in the application as a result of defect fixes and identifying additional testing if required. Involved in Month end Activities - Period Close (AP, AR, GL) and fixing Reconciliation Issues.
- ◆ Invoice Imaging Process - Accountable for maintaining the VM Server for configuring the systems as per the customer needs.

ANNEXURE (MAJOR PROJECTS) (CONT.)

- ◆ Customizing the Security roles and Duties, Descriptive Flex field and Page Customization through Sandbox.
- ◆ Exposure towards the development of FRS, OTBI and Smart View Reporting tools

Aug-2017 - Oct- 2017 ● **Jacobs & GE Energy Migration and Support– Oracle EBS R2**

- Role in Brief:**
- ◆ Functioned as POC for all the issues during the process of GST Upgradation; conducted Gap Analysis, & implemented the workarounds & customization.
 - ◆ Logged Bugs, identified corruptions, enhancements and worked closely with Oracle Development Team for the very smooth rollout during GST Go Live.
 - ◆ Imparted training on Sub ledger Period Close Process & Usage of ODM, troubleshooting tips and tricks during Month End Closures –GE Energy.

Aug 2014 - Dec-2014 ● **Maruti Suzuki India Ltd Onsite Customer Visit -Delhi**

- Role in Brief:**
- ◆ Identified the GAPS related to GL Trial Balance issues and corruption. Delivered solutions and workaround as required to fix corruptions resulting in saving months of valuable Maruti's as well as Auditors time.

Mar 2013 - Dec 2017 ● **Product Support- Implementation/Upgrade**

- Role in Brief:**
- ◆ Responsible for delivering financial modules Product Support for Global Customers across financials to the extent of preventing issues in future through upgrading oracle.
 - ◆ Handled issues such as Invoices, Payments, EB-Tax, Cash Management, Expenses, GL, Customer Invoices, Receipts & Interfaces.
 - ◆ Involved in the Development and Customization of Financial Statement Generator Reports; worked on Reconciliation of Sub ledger balances with General Ledger Trial Balances.
 - ◆ WORKED in I setup, migration tool used to extract & import the setup related data to the target applications.
 - ◆ Imparted training to new joiners on encumbrance, accounting dataflow flow, fixing corruptions using undo accounting procedures & batch payments.

Jan 2013- Feb 2013 ● **AGIS Implementation**

- Role in Brief:**
- ◆ Participating in the configuration setups of AGIS Implementation; fixed the issues through the entire SLDC Cycle.

Jun 2011 - Dec-2012 ● **Internal Project (Knowledge Creator, Oracle GL Fusion and Proactive Services)**

- Role in Brief:**
- ◆ Functioned as a Shadow resource on Oracle GL Fusion in the very initial phase of the Product Development.
 - ◆ Participated in the process of publishing Product Newsletter every quarter.
 - ◆ Reviewed the SR logged during the Quarter, bugs fixed and Enhancement Request logged.
 - ◆ Based on the review, consolidate and published the document in MOS Portal for Global Customers; developed, consolidated the KM Document to avoid duplicates of the KM notes.
 - ◆ Developed knowledge bases & FAQs for product activities on General Ledger, AGIS, Report Manager, WEBADI, & Sub-ledger; discussed with Customer Key consultant in process improvement & recommendation through root cause fix to reduce the Inflow.
 - ◆ Identified the niche area and developed training materials/Whitepapers, conduct training for new hires; delivered the training on AGIS, GL Balances Corruption, Budgets, Consolidation, Performance Tuning and Period Close Activities.

Mar 2008 - May-2011 ● **Oracle Product Support– Oracle EBS R11-R12**

- Role in Brief:**
- ◆ Worked with GL Journals & Balances, Budgets, Accounts & Encumbrances, Translation, Revaluation, & Consolidation.
 - ◆ Looked after AGIS & Intercompany Accounting, Financial Statement Generator, Report Manager & WEBADI; trouble-shoot interface, reports during the Upgradation from R11 to R12.
 - ◆ Analysed the code on standard packages, identifying the cause either provide the solution through data-fix or logged the product bug; participated in the configuration testing from R12.0 to R12.1.3 and UAT Testing. Functioned with the higher management team in designing Test scenarios and Test Cases based on functional Requirement Specification



Ravichandiran. A

*Senior Manager - IT
Training and Research*

A Master of Engineering in Computer Science with 14+ years of Experience in Training and Development. Worked as an Oracle DBA consultant for around 3 Years and Worked as Lead - Oracle trainer in Mazenet.

Extensive knowledge of providing training to professionals, students, and Professors in various technologies like Oracle Developer, Database Administration, Data Science and Big data, Hadoop, Salesforce Platform App builder certification, AWS Cloud Practitioner and Solutions Architect, etc.

Currently working with ICT Academy as a Manager in Training and Research Department of the Organization.

Areas of Expertise

- Generate and update training content as per the requirement of the organization.
- Analyze and evaluate training projects and programs.
- Updating Latest Technologies and preparing contents.

Certification:

- Oracle DBA Certificated Professional
- EMC Proven Professional - Cloud Infrastructure and Services Associate
- EMC Proven Professional - Data Science and Big Data Analytics Associate
- Salesforce Platform App Builder Certified Associate
- AWS Solution Architect – Associate
- VMware vSphere 6.7 Professional
- Palo alto Cybersecurity Infrastructure Configuration (ICM)

Contact

9790858777 (Mobile)
manojkumar.oct@gmail.com

www.linkedin.com/in/manoj-kumar-krishnam-h-1a696117 (LinkedIn)

Top Skills

Core Java
Unix
Linux

Languages

Java (Professional Working)

Certifications

Agile Development Practices
Techgig certification in "Java for Lead developers"
Designing RESTful APIs
RESTful Service with JAX-RS 2.0

Honors-Awards

4 team snap awards for excellence in team deliveries

Manoj Kumar Krishnam H

10+ years of experience in java applications in telecommunications .
Chennai

Summary

Developer with experience in all phases of product life cycle from Requirement gathering through the development till production support. I am effective communicator with good analytical and coordination abilities. I have been told and also believe that my key strengths are to ensure quality of team deliverables by being quality champion, to provide great balance in the team to discuss rationale behind the technical and non-tech decisions taken, to ensure that right process is followed having matured SAFE mindset.

Experience

Gogo

2 years 7 months

Senior Software Engineer

November 2020 - Present (3 months)

Chennai, Tamil Nadu, India

Software Engineer

July 2018 - November 2020 (2 years 5 months)

Chennai, Tamil Nadu, India

Aricent Group

8 years 5 months

Technical Lead

January 2016 - June 2018 (2 years 6 months)

Chennai Area, India

Development of software in java platform.

Senior Software Developer

June 2012 - January 2016 (3 years 8 months)

Chennai Area, India

Software Developer

February 2010 - June 2012 (2 years 5 months)

Chennai Area, India

Education

Prathyusha engineering college

B.Tech, Information Technology · (2005 - 2009)

R.SHARADHA

G-2,
Sahana Elegance,
Deiva Nagar,
1st Street,
West Tambaram,
CHENNAI-600045.

EmailId:rsharadha1995@gmail.com
Phone: 9445573238

CAREER OBJECTIVE:

Looking for competitive and challenging job, where I can prove my technical and functional expertise and work towards the growth of the organization.

EDUCATIONAL QUALIFICATION:

- **MBA (Technology Management) : 2017-2019**
Institution:anna university (centre for distance education),chennai.
Aggregate: 70%
- **B.TechIT(Information Technology): 2012-2016**
Institution: Prathyusha Engineering College, Tiruvallur.
University: Anna University
CGPA: 7.778
- **HSC - 12th : 2012**
Institution: Bosco Academy matriculation higher secondary school,, Chennai.
University: Matriculation
Aggregate: 86%
- **SSLC – 10th : 2010**
Institution: Bosco Academy matriculation higher secondary school,, Chennai.
University: Matriculation
Aggregate:86%

MAJOR STRENGTHS:

- **4+ year** experience in **software design and web application development.**
- Hands on experience in Core **Java/J2EE** technologies.
- Proficient in **OOPS** and **Web service** concepts,MULE ESB, Spring MVC,BDD(Thucydides).
- Hands on experience on basic queries in **SQL.**
- Experienced in all stages of Software Development Life Cycle (SDLC) with comprehensive knowledge of business requirements analysis, Project planning.

- Ability to learn and adapt to new technologies.
- Good Knowledge on Insurance Domain (Billing and Payments) in Financial services.
- Mentoring and training fresher associates on programming languages .
- Interacting with client during design review and code review.

TECHNICAL SKILLS:

PROGRAMMING LANGUAGE	:	Java/J2EE
FRAMEWORKS	:	Spring MVC, Spring IOC, Struts, Spring Boot, REST service, SOAP service, Mule ESB.
WEBTECHNOLOGY	:	Html, CSS, javascript, jquery, SOAP & REST Services.
SERVERS	:	Websphere, Mule Runtime, Apache Tomcat.
DATABASE	:	PostgreSQL, PLSQL.
TOOLS	:	STS, Eclipse, Soap-UI, Jenkins, GIT, CMP, PCF, Maven, WSRR, MuleSoft, NIQS, SONAR.
OPERATING SYSTEMS	:	MS Windows XP, Windows 2007, Windows 8.

SOFT SKILLS

Good communication and presentation skills, adaptive to changing environments and technologies, and quick learner of new programming tools.

PERSONAL SKILL:

Excellent motivator, good team player, Honest, Hard worker, punctual

WORK EXPERIENCE(1):

Company Name: HTC Global Services

Application Name: MANAGING FINANCIAL INFORMATION (MFI)

Client Introduction: Worked at htc global services, chennai for state farm insurance client, which is one of the renowned insurance companies in us and canada with 80+ million customers.

Description : This application is developed for state farm agent and it is used to maintain the transaction details for each policies. MFI is an application that uses web services to consume the CFPA(Customer Financial Profile Accounts) data using which the transaction entries are registered.

Duration : Jan 2017 – Nov 2019

Software : REST Services, SOAP Services, Spring boot, JDBC, JBehave and Thucydides, Kraken, Rabbitmq, Jenkins, BEST, Splunk, PIT, CMP, PCF, JMS.

Role : Software Developer

Responsibilities:

- Developed 3 SOAP and 8 REST service single handedly which covers the entire MFI application.
- Migrated few among these services from SOAP to REST based on the requirements.
- Worked on the pass through mule which uses the rabbitmq and Retry framework to consume these web services asynchronously.
- Involved from requirement gathering phase till delivery and taking up regular status calls with onsite for delivery planning.
- Moved continuous integration from CMP to PCF cloud server based on requirements and performance efficiency.
- Developing the Junits(Mockito) test case for the core modules and BDD for system testing.
- Involving in bug fixing.

WORK EXPERIENCE(2):

Company Name: Sella India Pvt Limited

Application Name: Canali Directi

Client Introduction: Currently working at Sella India Pvt Limited, chennai which is one of the renowned Banking companies in Italy with 80+ million customers.

Description : This application is developed for general customers of the bank who has enabled the online internet banking. It deals with internet banking website development.

Duration : Nov 2020 – Till date

Software : REST Services, SOAP Services, JDBC, Kubernetes.

Role : Software Developer

Responsibilities:

- Developed few SOAP and Rest services.
- Development few front end pages using react.
- Created audit logs.

- Involved from requirement gathering phase till delivery and taking up regular status calls with onsite for delivery planning.
- Moved continuous integration from on requirements and performance efficiency.
- Involving in bug fixing

PERSONAL DETAILS:

NAME	:	R.Sharadha
FATHER'S NAME	:	H.Ramesh nagarajan
GENDER	:	Female
NATIONALITY	:	Indian
DATE OF BIRTH	:	30 TH march 1995
MARITAL STATUS	:	single
LANGUAGES KNOWN	:	Tamil, English, Hindi (read&write)
HOBBIES	:	playing badminton, listening music

DECLARATION:

I do hereby declare that the above given statements are true and correct to the best of my knowledge and belief.

PLACE:

DATE:

(R.SHARADHA)

CURRICULUM VITAE

Dr.S.PADMAPRIYA,B.E.,M.C.A.,M.Tech.,M.E.,Ph.D.,MISTE.,

New no 11/Old No6, Sakthi Nagar, 3rd Street

Choolaimedu, Chennai-600094

Mobile No : +91 – 9962562307

Email : padmapriya.sha@gmail.com



Short Profile

- Has proven academic, subjective, administrative and managerial skills and good problem solving skills.
- 25 Years 8 months of teaching academic experience as Lecturer, Assistant Professor and Professor positions.
- 7 years of Research experience as PhD Research Scholar at Berhampur University, Orissa.
- Strong programming skills and proficiency in using C, C++,Java.
- Received the certificate – IBM, NPTEL

Education

Title of the Thesis : Study on Security in WPAN

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	BE	ECE	1991	AMACE	Madras	65%	First
PG	MCA	Computer Applications	1998	Madras University	Madras	70%	First
	MTECH	IT	2003	Punjabi University	Punjabi	75%	First
	ME	EST	2007	Sriram Engg. College	Anna	75%	First
Doctorate	Ph.D.	CS	2011	Berhampur Orissa	Berhampur		

Professional Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience	
				Years	Months
Prathyusha Engineering College	PROFESSOR	2015	Till date	5	6
Prathyusha Engineering College	PROFESSOR/ HOD-IT	2011	2015	4	0

Prathyusha Institute of Technology And Management	Assistant Professor/HOD	2005	2011	6	5
Prathyusha Institute of Technology And Management	Sr.Lecturer	2003	2005	1	11
SA	AP	1999	2003	3	5
SMIT	LECT	1998	1999	1	
RREC	LECT	1995	1998	3	5
Total				25 YEARS AND 8 MONTHS	

Total Experience (Academic) :25Years 6 Months
(Industry) : 3 Year.

Areas of Interest: Networks Security, Artificial Intelligence, Machine Learning, Internet Programming, Big data Analytics, Cloud computing, Service Oriented Architecture

NPTEL Certifications

1. Received **Elite certification for completing the course on Introduction to Research** with a consolidated score of 72% on July-October 2018
2. Received **certification for completing the course on Outcome Based Pedagogic Principles for Effective Teaching** with a consolidated score of 53% July-October 2018
3. Received **Elite certification for completing the course on Intellectual Property** with a consolidated score of 70% on July-October 2018
4. Received **Elite certification for completing the course on Patent Drafting For Beginners** with a consolidated score of 64% on Jan –Feb-2019
5. Received **Elite certification for completing the course on Patent Law for Engineers and Scientists** with a consolidated score of 60% on Jan –Feb-2019
6. Received **Elite certification for completing the course on Emotional Intelligence 2** with a consolidated score of 60% on Jan –March -2020
7. Received **Elite certification for completing the course on Entrepreneurship and IP Strategy** with a consolidated score of 72% on Sep-Nov- 2020
8. Received **Elite and Silver certification for completing the course on Innovation , Business Models and Entrepreneurship** with a consolidated score of 76% on Sep-Nov-2020

Memberships in Professional Bodies

S. No	Professional Bodies	Membership Details
1.	International Association of Engineers (IAENG)/12/ Aug/2019	Member: 244630.
2.	Association for Computing Machinery (ACM), Professional member since 2019	Member: 2862069
3.	Indian society for Technical Education (ISTE), since 2001	Life Member- LM 32136
4.	Computer Society of India (CSI),since 2011	Member-(N1034115)
5.	IEEE Membership	Member-93059245
6.	Computer Science Teachers Association(CSTA)-29/Jul/2019	Member 983457935
7.	Institute of Scholars (InSc)- 29/Dec/2019	Membership ID: InSc2019F889

National/International Conferences:

International Conferences:

1. **Dr.S.PadmaPriya, K. Divakar, Goverthan. D, S. Pavithra, S. Preethi,” MATERIALS MANAGEMENT MODULE OF SAP ERP IN POWER INDUSTRIES” 9TH INTERNATIONAL CONFERENCE ON “SCIENCE AND INNOVATIVE ENGINEERING – 2019-ICSIE-2019, Organization of Science and Innovative Engineering & Technology ,JAWAHAR ENGINEERING COLLEGE , on 24th March 2019, page no-32-33, ISBN 978-93-81288-18-4**
2. **Dr.S.PadmaPriya, K. Divakar, Goverthan. D, S. Pavithra, S. Preethi,” EVENTS FINDER” 9TH INTERNATIONAL CONFERENCE ON “SCIENCE AND INNOVATIVE ENGINEERING – 2019-ICSIE-2019, Organization of Science and Innovative Engineering & Technology ,JAWAHAR ENGINEERING COLLEGE , on 24th March 2019, page no-156, ISBN 978-93-81288-18-4**
3. **Dr.S.PadmaPriya, A.Gnanavel, M. Karthick,,” IOT ENABLED SMART GARBAGE COLLECTION IN SMARTCITIES ” 9TH INTERNATIONAL CONFERENCE ON “SCIENCE AND INNOVATIVE ENGINEERING – 2019-ICSIE-2019, Organization of Science and Innovative Engineering & Technology ,JAWAHAR ENGINEERING COLLEGE , on 24th March 2019, page no-153, ISBN 978-93-81288-18-4**
4. **S.Padma Priya, Dr. Jayaram Pradhan, “An Efficient security framework for detection and isolation of attacks in low rate wireless PAN (Part-I), IJCSNS , Korea 2008, Vol. 8 No. 7 pp. 224-232”**
5. **S.Padma Priya, Dr. Jayram Pradhan , “An Efficient security framework for detection and isolation of attacks in low rate wireless PAN (Part-II)”, International Conference on Security Technology, Sectech , China, IEEE –CS PROCEEDINGS, 2008, ISBN: 978-0-7695-3486-2**
6. **Dr.S.Padma Priya, Ms.Ashwini.N.Antony, “Attacks on Telemedicine”, International Conference on Advances in Electrical & Electronics, Information, Communication & Bio-Informatics , PITAM, ISBN 978-1-4507-8489-4**
7. **Dr.S.PadmaPriya and Mr.Udhay Kumar, “Secure Search over Encryption Data”, International Conference on mathematics in Engineering and Business Management, Stella Maris College , Chennai**
8. **Dr.S.PadmaPriya and MS.LakshmiPriya, “Anti Vehicle Larency in GSM”, International Conference on mathematics in Engineering and Business Management, Stella Maris College , Chennai**
9. **Dr .S. Padmapriya, V.Abhishek Chowdary , V.S.Dinesh “Next Gen Glucose Sensor” International Conference on Latest Trends in Computer Science Engineering and Information Technology (ICLTCSEIT) on 8th March 2014**
10. **Dr .S. Padmapriya , G.Aravind Kumar, .M.Prasanth, .K.Sajith Mohamed “Design and Development of a Hand Glove Controlled Wheel Chair using Zigbee” International Conference on Latest Trends in Computer Science Engineering and Information Technology (ICLTCSEIT) 8th March 2014**
11. **Dr .S. Padmapriya, R. Siva Kumar,G Aruna Devi,L.S.Kavitha,S.Meera “E-Tracking System for municipal Solid waste management using RFID Technology” International Conference on Latest Trends in Computer Science Engineering and Information Technology (ICLTCSEIT) 8th March 2014**
12. **Dr .S. Padmapriya, J.Omana , Ashwini.R., Seethaladevi.S, , ShreeMathe.R, “Design and Implementation of Wireless Gas Sensing Network for preventing Industrial Calamity ” International Conference on Latest Trends in Computer Science Engineering and Information Technology (ICLTCSEIT) 8th March 2014**
13. **Kumar, T.R. Padmapriya, S. Bai, V.T. Beulah Devamalar, P.M. Suresh, G.R.” Conversion of non-audible murmur to normal speech through Wi-Fi transceiver for speech recognition based on**

National Conferences

1. **Dr.S.PadmaPriya**, G.Naveen Kumar, N.Prem Kumar,” **Hospital Seeker**”, 6th National Conference On Advanced Computing Technologies -NCACT'19, Velammal Engineering College on March 16,2019, Page No-185-187, ISBN: 978-81-935422-9-7
2. **Dr.S.PadmaPriya**, Ms M.R.Swetha, Ms U.Suganya,” **Implementation of SAP ERP Based HR Module for an Educational Institute**”, 6th National Conference On Advanced Computing Technologies -NCACT'19, Velammal Engineering College on March 16,2019, Page No-7-9, ISBN: 978-81-935422-9-7
3. **Dr.S.PadmaPriya**, Hari babu R, Jayakumar E,” **Rural Drinking Water Supply Using Application**”, 6th National Conference On Advanced Computing Technologies -NCACT'19, Velammal Engineering College on March 16,2019, Page No-10-12, ISBN: 978-81-935422-9-7
4. **Dr.S.PadmaPriya**, K.R. Shashi Vardhan, S. Shriram,” **IoT Enabled Smart Vehicle Safety System**” , 6th National Conference On Advanced Computing Technologies -NCACT'19, Velammal Engineering College on March 16,2019, Page No-20-22, ISBN: 978-81-935422-9-7
5. **Dr.S.PadmaPriya**, Preetha P, Pavithra “**Crop Management and Irrigation Automation Using Data Analysis Techniques**” , 6th National Conference On Advanced Computing Technologies -NCACT'19, Velammal Engineering College on March 16,2019, Page No-138-140, ISBN: 978-81-935422-9-7
6. **Mrs.S.PadmaPriya** “**Speculative Security checks on system calls In Intrusion Detection System**” National Conference on “ **Recent Advances in Communication, Electrical and Electronics and Information Technology**” organized by IETE, Chennai Centre and Prathyusha Institute of Technology and Management
7. **Mrs.S.PadmaPriya** “**Distributed Composite Multimedia object to satisfy Asynchronous Access Control Requirements** ” National Conference on “ **Recent Advances in Communication, Electrical and Electronics and Information Technology**” organized by IETE, Chennai Centre and Prathyusha Institute of Technology and Management
8. **Mrs.S.PadmaPriya** “**Next Generation Wireless (FSO)**” National Conference on “ **Recent Advances in Communication, Electrical and Electronics and Information Technology**” organized by IETE, Chennai Centre and Prathyusha Institute of Technology and Management
9. **Mrs.S.PadmaPriya** “ **Honey Pot for Network Security** ” National Conference on “ **Recent Advances in Communication, Electrical and Electronics and Information Technology** ”organized by IETE, Chennai Centre and Prathyusha Institute of Technology and Management
10. **Dr.S.PadmaPriya** and MS.LakshmiPriya, “**Anti Vehicle Larency in GSM**”, **National Conference on Recent Trends of computing** organized by Lord Venkateswaraa Engineering College. Kanchipuram
11. **Dr.S.PadmaPriya** and Ms.D.Shamini, “**Real Time Bus Announcement System using RFID**”, National Conference on” **Recent Trends of computing**” organized by Lord Venkateswaraa Engineering College. Kanchipuram
12. **Dr.S.PadmaPriya** and Ms.D.Shamini, “**Real Time Bus Announcement System using RFID**”, National Conference on **Recent Trends of in Information Technology** organized by R.M.K.College of Engineering and Technology, Chennai
13. **Dr.S.PadmaPriya** and Ms.Arthy, “**Collision Mitigation in Hill Areas**”, National Conference on “**Recent Trends of in Information Technology**” organized by R.M.K.College of Engineering and Technology, Chennai
14. **Dr .S. Padmapriya**, V.Abhishek Chowdary , V.S.Dinesh “**Wireless sensor networks to monitor Glucose level in blood**”, in IETE student congress conducted on 21st and 22nd September 2012

15. **Dr.S.PadmaPriya** and Ms.S.Priya,R.Priyadharshini,Mrs.S.Gajalakshmi, “**Online Date storage and forwarding system based on secure erasure code**”, **National Conference on innovation in intelligence and computing Technologies** organized by Easwari Engineering college , Chennai on 12th March 2013
16. **Dr.S.PadmaPriya** and Mr.Dinesh,MR.Inbathamizh, “**Automated Power theft identification**”, **National Conference on innovation in intelligence and computing Technologies** organized by Easwari Engineering college , Chennai on 12th March 2013
17. **Dr.S.PadmaPriya** and Ms.B.R.Vinutha,Ms.Kalaivani ,Ms.Saranya “ **A Safe Guard System For Mine Workers Using Wireless Sensor Networks**”, “**ULTRA-MODERN TECHNIQUES IN INFORMATION AND COMMUNICATION ENGINEERING (NCUTICE- 2013)**” - On March 8th ,2013 Organized By Department Of Information Technology, S.A.Engineering College
18. **Dr.S.PadmaPriya** and K.Gouthami, M.Gomathi, M.Devipriya, “ **Remote Access Control of Agricultural Robot**”, “**ULTRA-MODERN TECHNIQUES IN INFORMATION AND COMMUNICATION ENGINEERING (NCUTICE- 2013)**” - On March 8th ,2013 Organized By Department Of Information Technology, S.A.Engineering College
19. **Dr.S.PadmaPriya** and J.Geetanjali,V.Chithanya, K.N.Geetanjali, “ **Implementation of image Dispatch by diffusion maps**”, “**National Conference on Information and communication Engineering (NCICE- 2014)**” - On February 2014 Organized By Department Of Information Technology, R.M.K Engineering College
20. **Dr.S.PadmaPriya** and Vidhya.N, “ **A Novel Method for secure Routing in Vanet’s**”, “**National Conference on Recent Trends in Information Technology (NCRITIT- 2014)**” – On 24th February 2014 Organized By Department Of Information Technology, R.M.K College of Engineering and Technology

Journals Applied & Published

1. **Dr.S.Padmapriya**, Nivethitha, T.M., Padmini, V.S.,” Implementation of Employee Quarters Management System in ERP SAP Foran Organization “**Test Engineering and Management**” *March-April 2020 Volume 83 ISSN: 0193-4120 Page No. 1660 – 1665 - Scopus Indexed*
2. **S.Padma Priya**, Prakash, M., Balaguru, S., Meenatchi, R., Indhumathi, E.” **NOVEL APPROACH FOR WAREHOUSE AND QUALITY MANAGEMENT USING ERP SAP**” **International Journal of Advanced Science and Technology Vol. 29, No. 6s, (2020), pp. 1355-1363 – Scopus Indexed**
3. **S.PadmaPriya**, P.Yashwanth,H.Ashwin, A.Raghul” **SAP ERP Based PM Module**” “**Test Engineering and Management**” *May-June 2020 Volume 83 ISSN: 0193-4120 Page No. 3018-3021*
4. **S. Padma Priya**, B. Chidambaram ,Ch. Shiva Reddy, E. Kalayan Reddy, “ **A Rational Approach of Sap ERP Based HR Module for an Organisation Payroll**” “**Test Engineering and Management**” *March-April 2020 Volume 83 ISSN: 0193-4120 Page No. 18631 – 18634*
5. **S. Padma Priya**, N. Chandra Sekhar, D. Nagendra, M. Dileep, T. Yallamanda “**SAP ERP based HR Module for an Educational Institution Payroll** **Test Engineering and Management**” *May-June 2020 Volume 83 ISSN: 0193-4120 Page No. 3916-3918*
6. **N.Partheeban, S.Senthilkumar, S.Arun, Ravindran K, A.Nageswaran, S.Padmapriya** **Designing of Multiplexers using Quantum-Dot Cellular Automata** **Test Engineering and Management**” *May-June 2020 Volume 83 ISSN: 0193-4120 Page No. 3001 - 3005*
7. **S. Padmapriya**, S., Jimreeves, J.S.R., Kalaiselvi, P., Nageswaran, A., Arun “**Metaclassifiers for predicting the robotic navigational performance**” **International Journal of Innovative Technology and Exploring Engineering (IJITEE)** Volume- 8, Issue- 10, Pages - 1234-1238 , 2019 - **Scopus Indexed (UGC Listed)**
8. **Padmapriya, S.** Partheeban, N., Kamal, N. Suresh, A., Arun, S “**Enhanced cyber security for big data challenges**” “**International Journal of Innovative Technology and Exploring Engineering (IJITEE)** ISSN: 2278-3075, Volume-8 Issue-10, August 2019- **Scopus Indexed (UGC Listed)**

9. **Dr.S.PadmaPriya** , “**Design and Implementation of Autonomous flower harvester using Image processing**”, **International Journal of Recent Technology and Engineering** , volume 8, Issue -2 July 2019 – **Scopus Indexed (UGC Listed)**
10. **Dr.S.PadmaPriya**, Vinodh Kumar.K “**An Effective Method for Reliable Data Delivery in Highly Dynamic Mobile Ad Hoc Networks** “**Middle-East Journal of Scientific Research** 24 (2): 398-403, 2016,ISSN 1990-9233,© IDOSI Publications, 2016, DOI: 10.5829/idosi.mejsr.2016.24.02.23032 <http://www.idosi.org/mejsr/mejsr24%282%2916/28.pdf> **Scopus Indexed**
11. **Dr.S.PadmaPriya**, Selfish and Malicious Node Behavior Pattern using Chord Algorithm, **International Journal of Control Theory and Applications**, Volume 10 • Number 36 • 2017, ISSN : 0974-5572 – **Scopus Indexed**
12. **Dr.S.PadmaPriya**, G.Naveen Kumar, N.Prem Kumar,” **Hospital Seeker**”, **International Journal of Advanced Networking And Applications(IJANA)**, Special Issue-2019, Page No-6-8, April 2019, Available at: <http://www.ijana.in/papers/03.pdf> (**UGC Listed**)
13. **Dr.S.PadmaPriya**, Ms M.R.Swetha, Ms U.Suganya,” **Implementation of SAP ERP Based HR Module for an Educational Institute**”, **International Journal of Advanced Networking And Applications(IJANA)**, Special Issue-2019, Page No-52-55, April 2019, Available at: <http://www.ijana.in/papers/15.pdf>
14. **Dr.S.PadmaPriya**, Hari babu R, Jayakumar E,” **Rural Drinking Water Supply Using Application**”, **International Journal of Advanced Networking And Applications(IJANA)**, Special Issue-2019, Page No-56-58, April 2019, Available at: <http://www.ijana.in/papers/16.pdf>
15. **Dr.S.PadmaPriya**, K.R. Shashi Vardhan, S. Shriram,” **IoT Enabled Smart Vehicle Safety System**” , **International Journal of Advanced Networking And Applications(IJANA)**, Special Issue-2019, Page No-56-58, April 2019, Available at: <http://www.ijana.in/papers/18.pdf>
16. **Dr.S.PadmaPriya**, Preetha P, Pavithra “**Crop Management and Irrigation Automation Using Data Analysis Techniques**” , **International Journal of Advanced Networking And Applications(IJANA)**, Special Issue-2019, Page No-139-142, April 2019, Available at: <http://www.ijana.in/papers/39.pdf>
17. **Dr.S.PadmaPriya**, Fazila Nihar.Z, Krupavathi. K, "PATIENT MONITORING SYSTEM USING IOT", **INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)**, ISSN:2320-2882, Volume.6, Issue 2, Page No pp.385-389, April 2018, Available at : <http://www.ijcrt.org/IJCRT1812049.pdf>
18. **Dr.S.PadmaPriya**, E.Bhuvaneshwari, P.Surabhi, R.Geetha, K.Balaji, P.Manoj kumar, S.Vignesh, "Real time Identification of Crops, Weeds, Diseases, Pest Damage and Nutrient Deficiency", **International Journal of Advanced Research in Education & Technology (IJARET)**, ISSN : 2394-2975 (Online), ISSN : 2394-6814 (Print), Volume.5, Issue 1, Page No pp.20-22, March 2018
19. **Dr.S.PadmaPriya**, Raganath C, Sasidharan K, Sriram J, "A Rational Approach Of SAP ERP Based On HR Module For An Organisation Payroll", **INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)**, ISSN:2320-2882, Volume.6, Issue 2, Page No pp.612-614, April 2018, Available at : <http://www.ijcrt.org/IJCRT1812080.pdf>
20. **Dr.S.Padmapriya**, Ganesh, Manoj Kumar, Sai Saran, "WEATHER PREDICTION AND FARMER SUPPORT SYSTEM", **INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)**, ISSN:2320-2882, Volume.6, Issue 2, Page No pp.515-517, April 2018, Available at : <http://www.ijcrt.org/IJCRT1812064.pdf>
21. **Dr.S.PadmaPriya**, Nivetha M A, Shajini V, Shaik Ruksaar, "ANALYSING THE PERCEPTION LEVEL OF THE HEARING IMPAIRED USING A MULTIMEDIA WEB APPLICATION", **INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)**, ISSN:2320-2882, Volume.6, Issue 1, Page No pp.345-350, March 2018, Available at : <http://www.ijcrt.org/IJCRT1801580.pdf>
22. **Dr. S Padma Priya**, Hemanth Krishna S P, A L A Vishnu Sai, B V Rama Pulla Rao. “*Catch Me If You Can – IoT based System*”, **International Journal of Advance Research, Ideas and Innovations in Technology**, ISSN:2454-132X, Volume.4, Issue 2, Page No pp.624-627, March 2018, Available at : www.IJARIIT.com

23. . **Dr.S. Padmapriya**, K. Sowmiya, P. Subhasini, T.S.Vijayalakshmi “**Monitor and Assess Natural Disaster using Twitter Data in Data Analytics** “*International Journal for Research in Technological Studies*” Vol. 5, Issue 4, March 2018 / ISSN (online): 2348-1439
24. **Dr.S. Padmapriya**, Ms.T.Sureka, Ms.S.Sivagamasundari, Mr.Sree Balaguru, “**A Rational Approach of SAP ERP based HR Module for an Educational Institute**“, “*International Journal of Research in Advent Technology*, Vol. 6 , No.2 , February 2018 E-ISSN: 2321-9637 Available online at www.ijrat.org page no 121-125
25. **Dr.S.Padmapriya**, R.SatheeshKumar, K.Suresh Anand “**Inventory Management System in Sap by Material Management Module (MM-Module)**,” *International Journal of Scientific Research in Computer Science Applications and Management Studies IJSRCSAMS*”, ISSN 2319–1953 Volume 7, Issue 2 (March 2018), www.ijsrcsams.com
26. **Dr.S.Padmapriya**, Mr.Sree Raja Balaguru, Bharanidharan R, Kavaskar K, Ramajayam C, “**A Rational Approach of SAP ERP based PM Module for an Educational Institute**”, “*International Journal of Scientific Research in Computer Science Applications and Management Studies IJSRCSAMS*”, ISSN 2319–1953 Volume 7, Issue 2 (March 2018), www.ijsrcsams.com
27. **Dr.S.PadmaPriya**, Nivedha P, Salma Shaik, Nithiya.R., "INTELLIGENT DRONE FOR INDUSTRIAL INSPECTION(UAV)", *INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)*, ISSN:2320-2882, Volume.6, Issue 1, Page No pp.116-119, March 2018, Available at : <http://www.ijcrt.org/IJCRT1802920.pdf>
28. **Dr.S.PadmaPriya**, Jothi Kiribakaran, Aravind, D.Gopinath. “ **Port Management Software**” “ *International Journal For Technological Research In Engineering* ” Volume 4, Issue 8, April-2017 ISSN (Online): 2347 – 4718
29. **Dr.S.PadmaPriya**, JAGDEEP N, LAGADAPATI SRI HARSHITHA, KETINENI SUSHMITHA,” **Intelligent Transport Software For Port**” *International Journal of Engineering Science and Computing*”, April 2017 Issue No.3 Volume 7 March 2017 Page No: 5966-5968 ISSN 2321 3361 © 2017 IJESC
30. **Dr.S.PadmaPriya**, ISHWARIYA P, JAKKAMPUDI DEDEEPIYA ,” **A Smart Health Care Surveillance And Fall Detection System For Elderly People** “ *International Journal of Engineering Science and Computing*,” April 2017, Volume -7 Issue No-4 ISSN 2321- 3361 6221-6223
31. **Dr.S.PadmaPriya**, POOJA K, DUVURU POOJITHA. YUVESHREE J, RANJITHA U, TAMIL SELVI K, **Web and Mobile based Smart parking application**, ‘*International Journal for Technological Research in Engineering*’ Volume 4, Issue 8, April-2017 ISSN (Online): 2347 - 4718 page no: 1246-1249
32. **Dr.S.PadmaPriya**, SHARMI L, VISHNU PRIYA R, RAMYA K, B.UMA MAHESHWARI, ROHINI S, RAJALAKSHMI M, “ **IOT based fuel efficiency monitoring system using Raspberry pi**”, ‘*International Journal for Technological Research in Engineering*’ Volume 4, Issue 8, April-2017 ISSN (Online): 2347 – 4718
33. **Dr.S.PadmaPriya**, SWETHA S, SWETHAA K. **Design Of Smart Refrigerator Using Raspberry Pi** “*International Journal of Emerging Technology and Innovative Engineering*” Volume 3, Issue 3, March 2017 (ISSN: 2394 – 6598) Page No: 1-4
34. **Dr.S.PadmaPriya**, Vanitha Sharon, **Design And Implementation Of College Bus Monitoring And Tracking System** “*International Journal of Emerging Technology and Innovative Engineering*” Volume 3, Issue 3, March 2017 (ISSN: 2394 – 6598) Page No5-9
35. **Dr.S.PadmaPriya**, Vinodh Kumar.K “**An unidentified position based capable routing protocol in Mobile Adhoc Networks** “*International Journal of Advanced Research in Computer Science and Software Engineering* Volume: 5 Issue: 6 June-2015 ,ISSN_NO: 2277128X, page 2365, http://www.ijarcse.com/docs/papers/Volume_5/6_June2015/V5I6-0631.pdf
36. **Dr.S.PadmaPriya**, R.Jothi, Kinnerasai.A, and ,S.LogaPriya “ **Detecting packets in wireless adhoc Networks** “*International Journal of Advanced Research in Computer Networking,Wireless and Mobile Communications*” Volume: 2 Issue: 1 Apr,2016,ISSN_NO: 2320-7248 Page No 143-149

37. **Dr.S.PadmaPriya, P. Danusha Chowdary , R. Pranutha , M. Sharmilla “Secure Data Sharing With Efficient Cloud Storage”, International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 4 Issue IV, April 2016 IC Value: 13.98 ISSN: 2321-9653 Pg no270-273**
38. **Dr.S.PadmaPriya, S.Vignesh, N.Siddarth ”Hand Gesture recognition Using an Android””International Journal of Research in Science and Technology” Volume 2, Issue 1: January - March 2015, , page 72-76 , ISSN 2394 – 9554**
39. **Dr.S.PadmaPriya, KU.Manjari,, R.Meenakshi” E-DISASTER ANALYSIS (DISASTER MANAGEMENT USING TWITTER ANALYSIS)” International Journal of Research in Science and Technology” Volume 2, Issue 1: January - March 2015, , page 69-71 , ISSN 2394 - 9554**
40. **Dr.S.PadmaPriya, N.R.Vaishnavi, E.Jayashree and J. Jayashree Monica ” Y-MONITORING (Tracking calls for Youth)” International Journal of Research in Science and Technology” Volume 2, Issue 1: January - March 2015, , page 77-80 , ISSN 2394 - 9554**
41. **Dr. S. Padma Priya(Professor/IT), Ms. I.M. Thaya(Asst. Professor/IT), Ms. Divya.C(Final Year B.Tech IT), Ms. Monisha.R (Final Year B.Tech IT) “Help-Desk for Farmers “ “Journal of Current Computer Science and Technology”(online) ISSN No. 2231-5411, Volume 5, March, Issue 3, 2015 Page No. 01 – 04. DOI: <http://dx.doi.org/10.15520%2Fjccst.2015.vol5.iss03.45>**
42. **Dr .S. Padmapriya, J.Omana , KU.Manjari,, R.Meenakshi, , “ANALYSING NATURAL CALAMITY USING SOCIAL NETWORKS” International Journal of Emerging Technology and Innovative Engineering Volume I, Issue 3, March 2015 ISSN: 2394 - 6598 www.ijetie.org”**
43. **Dr .S. Padmapriya, Indu Goel, A.Sunitha, P.Arul “RFID Based Centralized Patient Monitoring system and tracking(RPMST)” IOSR(International Organization of Scientific Research Community of Researcher) Journal, Volume 16, Issue 2, Mar-April-2014 page no: 8-15(www.iosrjournals.org)**
44. **Dr.S.PadmaPriya, G.Aravind Kumar, M.Prasanth, K.Sajith Mohamed “DESIGN AND DEVELOPMENT OF A HAND-GLOVE CONTROLLED WHEEL CHAIR USING ZIGBEE “International Journal of Advanced Research in Electronics, Communication & Instrumentation Engineering and Development Volume: 1 Issue: 2 08-Feb-2014,ISSN_NO: 2347 -7210 , page 78-86**
45. **Dr.S.PadmaPriya, Ashwini.R, Seethaladevi.S, ShreeMathe.R” Design and Implementation of Wireless Gas Sensing Network for Preventing Industrial Calamity“International Journal of Advanced Research in Electronics, Communication & Instrumentation Engineering and Development Volume: 1 Issue: 2 08-Feb-2014,ISSN_NO: 2347 -7210, page 87-92**
46. **Dr.S.PadmaPriya, G. Aruna Devi, L.S.Kavitha, S.Meera “E-TRACKING SYSETEM FOR MUNICIPAL SOLID WASTE MANAGEMENT USING RFID TECHNOLOGY “International Journal of Advanced Research in Electronics, Communication & Instrumentation Engineering and Development Volume: 1 Issue: 2 08-Feb-2014,ISSN_NO: 2347 -7210, page 93-100**
47. **Dr .S. Padmapriya, V.Abhishek Chowdary , V.S.Dinesh “Next Gen Glucose sensors “International Journal of Advanced Research in Electronics, Communication & Instrumentation Engineering and Development Volume: 1 Issue: 2 08-Feb-2014,ISSN_NO: 2347 -7210, page 93-100**
48. **S.Padma Priya, Dr. Jayaram Pradhan, “An Efficient security framework for detection and isolation of attacks in low rate wireless PAN (Part-I), IJCSNS , Korea 2008, Vol. 8 No. 7 pp. 224-232”**
49. **S.Padma Priya, Dr. Jayram Pradhan , “An Efficient security framework for detection and isolation of attacks in low rate wireless PAN (Part-II)”, International Conference on Security Technology, Sectech , China, IEEE –CS PROCEEDINGS, 2008, ISBN: 978-0-7695-3486-2**
50. **Dr .S. Padmapriya, V.Abhishek Chowdary , V.S.Dinesh “Wireless sensor networks to monitor Glucose level in blood” International Journal of Advancements in Research & Technology, Volume 2, Issue4, April-2013 page no: 322 , ISSN 2278-7763**

FDP/Seminar/Workshop/STTP attended:

1. Attended workshop on “ Research oriented applied mathematical methods (ROAMM 2004) “on April 3rd 2004 at Prathyusha Engineering college
2. Attended two days Faculty Development Programme using IBM Free and open source tools 28th to 29th April 2008 in PITAM conducted by IBM Academic initiative
3. Attended three days state level Faculty Development Programme on Mobile Computing from 8th to 10th May 2008 in PITAM
4. Attended one day Faculty Development Programme on FOSS by AU-KBC on 14th November 2008 in PITAM
5. Attended “E-Health – The Emerging Scenario” held on 15th September 2009, at Tuberculosis Research Center, Chennai
6. Attended CSIR sponsored national seminar on “ozone depletion and global warming” in PITAM on 8th November 2011
7. Attended FOSS workshop(PERL, PYTHON and PHP) conducted by PITAM FOSS CLUB by Cluster soft technology, Chennai in PITAM
8. Attended Internal auditor certification for ISO 9001:2008 Quality management systems and Audit training from 2nd and 5th June 2012
9. Attended CSIR sponsored national seminar on” Sustainable E-Waste management and recycling strategies” in PITAM
10. Attended CSIR sponsored national seminar on “Effective ways to move towards sustainable planet” in PITAM on 28th January 2013
11. Attended workshop on mobipreneur conducted by CSI and Nurture talent academy Techunt 2013- India’s 1st talent hunt for entrepreneurship hosted in PITAM on 17th and 18th February
12. Attended AICTE sponsored Faculty Development Programme on “wireless Network security ” from 15th to 28th April 2013 in Prathyusha Institute of Technology and management
13. Attended AICTE sponsored Faculty Development Programme on “Applications & Design of Low power Embedded system” from 6th to 19th May 2013 in Rajalakshmi Institute of Technology
14. Attended ISTE-SRM sponsored short term training Programme “Web Technology” from 3rd to 7th June 2013 in R.M.K. College of Engineering and Technology
15. Attended CSIR sponsored national seminar on “Recent trends on improving parallelism in computing Based on Hyper Threading Technology” in PITAM on 1^{0th} July 2013
16. Attended CSIR sponsored national seminar on “Innovations in ICT towards Lowering Child Mortality” in PITAM on 24th October 2013
17. Attended AICTE sponsored national seminar on “Fast Analytics of Big Data & its Security issues” in PITAM on 20th November 2013
18. Attended Center for faculty development , Anna University sponsored FDP on “IF-7202 – CLOUD COMPUTING” at RMK Engineering college from 4th December to 11th December
19. Resource person for FDP on “Web technology” at PITAM from 15th December 2014 to 21st December 2014
20. Convener for India’s Biggest Networking Contest at PITAM on 27th and 28th February 2015
21. Coordinator For Anna University sponsored FDP on CS 6008- HUMAN COMPUTER INTERACTION (IOT ERA) at Prathyusha Engineering college, 22nd–28th November, 2016
22. Attended Pre-conference Workshop on “ Energy Audit – Case Studies and Best Practices” at M.N.M.Jain Engineering college during 27th April 2017
23. Attended workshop on QUANTUM COMPUTING AND CRYPTOGRAPHY at S.A. Engineering College on January 23rd , 2018
24. Attended workshop on APPLICATION OF NEURAL NETWORKS IN ENGINEERING FIELD at PEC on January 24th , 2018
25. Convener for workshop on “Exploring Patent Drafting &Filing Aspects” at PEC on 24th February 2018
26. Attended AICTE-ISTE Induction/Refresher Programme on “ Career Advancement By Technical Teaching Skills Amplification” at Velammal Institute of Technology during 7th May 2018 to 12th

May 2018

27. Coordinator for Technical Premier League 2k18 at Prathyusha Engineering College during academic year 2017-2018
28. Attended one day seminar on “Guidelines for Drafting Research Proposal and Patent and Journal at Prathyusha IEEE student branch on 3rd August 2018
29. Attended National Level FDP on “ Enhancing Communication and Soft skills in Higher Education “ at Prathyusha engineering College on 23rd November 2018
30. Attended National level FDP on “ Blockchain of Things “ at Prathyusha Engineering College during 7th -8th December 2018
31. Attended CSI & ACM sponsored FDP on “Wireless Sensor Networks and the Internet of Things – A Research perspective” organized by S.A Engineering college during 10th – 12th December 2018
32. Participated in National level Technology Exhibition 2019 held on 8th February 2018 at Anna University, Chennai
33. Participated Regional Orientation Session on IIC 2.0 and ARIIA 2020 organized by MHRD’s Innovation Cell held at VelTech Rangarajan Dr. Sagunthala R and D Institute of Science and Technology, Chennai, Tamil Nadu on 31st July 2019.
34. Participated FDP on Entrepreneurship Development organized by PMO-IEDP from 17th Oct 2019 to 19th Oct 2019 at CED, Anna University
35. Attended National Level Short term Training programme on Applied Mathematics & Scientific Computation for Engineering Research at S.A. Engineering College from 4th November 2019 to 9th November 2019
36. Attended Workshop on Funding Opportunities for Innovation and Entrepreneurship Development Jointly organized by MHRD ‘s IIC, UnoM, Tepp Outreach Cum Cluster innovation centre, DSIR at RMK Engineering College on 9th November 2019
37. Participated in AICTE Training and Learning (ATAL) Academy sponsored short term course on “Internet of Things: Concepts and Implementation” at IIITDM, Kancheepuram from 15th November to 19th November 2019
38. Attended six day Centre for Faculty Development Anna University sponsored Faculty Development Training Programme on IT 8601 Computational Intelligence conducted by Department of IT at Velammal Institute of Technology from 25th November 2019 to 30th November 2019
39. Participated in workshop on Intellectual Property Rights & Entrepreneurship organized by PMO-IEDP from 4th Dec 2019 to 5th Dec 2019 at CED, Anna University
40. Participated in One day workshop on Human Centered Innovation at Sri Venkateswaraa College of Technology , Vadakal on 12th December 2019

Books published /Chapters contributed

1. Book Published title “ Software Testing “ in Magnus publications
2. Book Published title “ Advanced Java Programming “ in Magnus publications
3. Book Published title “ Embedded Systems “ in Magnus publications
4. Book Published title “ Web Technology “ in Scitech publications 978-81-8371-342-9
5. Book Published Title “Distributed Systems” In Magnus Publication
6. Book Published Title “Service Oriented Architecture” in Magnus Publication **ISBN-13:978-81-923533-8-8**
7. Book published title “Internet Programming” for Regulation 2013 in Magnus Publication
8. Book Published Title “Distributed Systems” (R-2013)In Magnus Publication ISBN 13-978-81-932009-7-1
9. Book Published title “ Embedded Systems (R-2013& R- 2017)“ in Magnus publications
10. Book Published title “ Software Testing (R-2013& R- 2017)“ in Magnus publications
11. Book Published Title “Service Oriented Architecture”(R-2013& R- 2017) in Magnus Publication

Patents filed/granted with details

S.no	Patent Title	Patent Status	Patent No.	Published on
1.	A Novel method to transmit the electronic medical records in secure cloud environment using Block chain Encrypted data sharing	Published in IPR journal	202041017312	05/06/2020
2.	An approach for empowering edge computing for source allocation based learning for industrial IoT	Published in IPR journal	202041023028	12/06/2020
3.	An approach for high speed and secure back propagation learning using upright partitioned data with IoT	Published in IPR journal	202041022294	12/06/2020
4.	A SMART SECURE, SELF POWERED AND LOCATABLE FIXED POD FOR ENABLING LACTATION TO INFANTS	Published in IPR journal	202041002997	31/01/2020
5.	Continuous energy supply to house hold appliances through uninterrupted power supply	Published in IPR journal	201941052558	20 Dec 2019
6.	Classification of Dylexia children using machine learning	Published in IPR journal	201941041975	25 Oct 2019
7.	Design And Implementation Of Prepaid Led Luminaire Control Using IR Remote	Published in IPR journal	201841028247	28 th Dec 2018
8.	Extension and Enhancement to the secure remote modernize protocol	Published in IPR journal	201941014228 A	03 May 2019

DETAILS OF INTERNATIONAL PATENT GRANTED

S.No.	Name of the Applicant	Year of Publication	Application Number	Title of Invention	Date of Filing Application	Date of Publication & Grant
1	Dr.S.Padma Priya	2019-2020	2020102441	Secure Communication amongst IOT devices through IoT coin operating system	26-09-2020	26-09-2020

Contributions / Achievements:

1. Got fund of Rs.6000/- from TNSCST under **student project scheme** for the project named **“RFID Based Bus Tracking System”**
2. Got fund of Rs.7500/- from TNSCST under **student project scheme** for the project named **“Wireless Glucose sensor network Monitoring”**

3. **Got fund of Rs 30,000/- from CSIR for the National seminar named “ Effective ways to move towards a sustainable planet”**
4. **Got fund of Rs20,000/- from CSIR for the national seminar named “Recent trends on improving parallelism in computing based on Hyper threading Technology**
5. **Got fund of Rs30,000/- from CSIR for the national seminar named “Innovations in ICT towards Lowering Child Mortality”**
6. **Got fund of Rs 12,00,000/- from AICTE for the Scheme MODROBS on “ Implementation of cloud computing environment”**
7. **Got Fund from AICTE for the scheme FDP on Cognitive Informatics and Deep Learning in Health Care”2017-2018**
8. **Got Fund approval of 9 lakhs in DST for the scheme FDP on Cognitive Informatics and Deep Learning in Health Care”**
9. **Got Fund approval of 9.75 Lakhs in DST for DST/INSPIRE/01/2018/000946 Inspire Internship science camp**
10. **Certificate of Appreciation to be the President of Institution’s Innovation Council established under the aegis of MHRD’s Innovation Cell at PRATHYUSHA ENGINEERING COLLEGE, TIRUVALLUR for the academic year 2018-19**
11. **Got Fund approval of 12.00 Lakhs from AICTE for the Skill And Personality Development Programme Centre For Sc/St Students**
12. **Got Fund approval of Rs 93000 from ATAL-AICTE for the online FDP under thrust area Data Science**
13. **Got Fund approval of 15.00 Lakhs from AICTE for MODROBS on Implementation of Data Analytics Lab**

Software Skills:

Operating Systems	: Win 98/XP/2000/NT, Ms-Dos, Red hat Linux7.0,
Languages	: Java 2.0, C, C++, HTML, DHTML, JavaScript
Server Side Scripting	: PHP 6.0
J2EE Technologies	: Servlets2.3, JSP1.1, JDBC2.0
Application/ Web servers	: Web Logic 8.3., ApacheTomcat 4.1,
Database	: Oracle8x, MySQL.
NET Technologies	: C-sharp(C#)
IDE	: Eclipse6.1, TextPad4.0, NetBeans7.0

Personal Profile:

Date of Birth	:	17 th November 1970
Father’s name	:	K. Shanmugam
Nationality	:	Indian.
Gender	:	Female.
Marital status	:	Married.
Languages Known	:	English & Tamil.
Communication address	:	new no 11/ old no.6 , 3rd street Sakthi nagar, Choolaimedu, Chennai-94

Yours truly
(Dr.S.PADMAPRIYA)

Station : Chennai.
Date : 26-11-2020

V.R.KAVITHA

Flat No B3, Brindavan Apartment

4th Street, Kamala Nagar, Mugalivakkam,

Chennai- 600125

Contact: +91 9840388632 /+91 9176772061

Email : vr.kavitha.cs@gmail.com



Seeking a position with a reputed organization to utilize my skills and experience while providing opportunities to amalgamate personal enrichment with knowledge sharing and professional goals while being resourceful, innovative and motivate.

SPOC for Smart India Hackathon from 2018, 2019 & 2020

C2C Platform For On Women Empowerment project is short listed and attended the finals

Reviewer in Journal

- International Journal of Electrical and Computer Engineering (IJECE)
- Indonesian Journal of Electrical Engineering and Computer Science

Patent Filed and published

1. Title : A quality of service Load Balanced connected dominating set Stochastic diffusion search Network backbone for MANET. Application No. : 202041049905, 27.11.2020.
2. Title : A wearable jacket for managing social distancing using Blockchain Technology, Application No.: 202011046428, 6.11. 2020

Journal Publications

- **V.R.Kavitha**, Dr.M.Moorthi, A quality of service load balanced Connected Dominating Set – Stochastic Diffusion Search (CDS–SDS) network backbone for MANET, Computer Networks, vol.151, pp: 124-131.
- **V.R.Kavitha**, Dr.M.Moorthi, A quality of service load balanced Stochastic diffusion search - TABU search network backbone for MANET, International Journal of Engineering & Technology, vol-7 issue-4, PP: 5895-5899.

- **V.R.Kavitha**, Dr.M.Moorthi, A survey on connected dominating set construction algorithm for Mobile Adhoc Networks, International Journal of scientific Research and Review, vol.8 & Issue.4, pp: 678-698.
- **V.R.Kavitha**, S.R.Krithika , M.Tejaswini , N.Nihitha “Income Tax Fraud Detection Using AI”, Journal of critical reviews, vol 7, issue 19, pp 119-124, 2020, doi: [10.31838/jcr.07.16.16](https://doi.org/10.31838/jcr.07.16.16).
- DivyaBharathi.R, Ellakya.S, **V.R.Kavitha**, On Spot Accident Information and Insurance Dispute Resolution , Int. Jnl. Of Advanced Networking & Applications (IJANA) - Special Issue 2019, special issue-2019, pp: 205-207.
- P.Arunapriya, **V.R.Kavitha**, Security and Privacy preservation scheme of face identification and resolution framework using FOG computing in internet of things using python, Journal of emerging Technologies and Innovative Research, vol-6, issue-4, 2019.
- E. Prawin Raja, **Kavitha V R**, Creating a Machine Learning based Prediction for the amount of water Resources and Electrical Energy to be spent on a Hydroponics system, 2018/4
- S Saranya, M Revathi, **VR Kavitha**, Construction of K-Connected Dominating Set Algorithm for Connecting the Wireless Nodes, International Journal of Engineering Science, 2017/3
- K. Sornalatha, **V.R.Kavitha**, IoT based smart museum using Bluetooth Low Energy”, IEEE Xplore, Digital Library.
- S Gayathri, **VR Kavitha**, “Web Usage Mining Based On Request Dependency Graph”, International Research Journal of Engineering and Technology (IRJET). Vol 4, issue 4, pp 2120 – 2125, 2017.
- Reema Rose S, **V.R.Kavitha** , “An Efficient Location Dependent System Based On Spatial Sky Line Queries”, International Journal of Soft Computing and Engineering (IJSCE), Volume-1, Issue-ETIC2011, January 2012.
- **V.R.kavitha**, " Sky Line Querying For Location Based Services", CiiT Journal.
- Bhargavi, **V.R.Kavitha**, C2C Platform For On Women Empowerment, International Journal Of Creative Research Thoughts (IJCRT), Issue No. -2 Volume No. -6, pp: 518-521, 2018.
- **V.R.Kavitha**, CHATBOT For Train Ticket Booking Enquiries, International Journal of Engineering Science and Computing, Volume 8 Issue No.4, pp: 17045-17047, 2017.
- Selava Ganapathy, **V.R.Kavitha**, CHATBOT Implementation Using Mobile Application, International Journal Of Creative Research Thoughts (IJCRT), Issue No. -2 Volume No. -6, pp: 273-275, 2017.

- K.Sornalatha, **V.R.Kavitha**, A SMART MUSEUM USING INTERNET OF THINGS, International Research Journal of Engineering and Technology (IRJET), Volume: 03 Issue: 10, 2016, pp: 750-753.
- T.SANDHYA, **V.R.Kavitha**, Estimation of Solar Radiation with Various Climatic Parameters based on Neural Network, International Journal of Emerging Technology in Computer Science and Electronics, 0976-1353, 2015.
- T.SANDHYA, **V.R.Kavitha**, “A Survey on Predicting Solar Radiation based on Neural Networks, International Journal of Engineering Research and Technology, 2278-0181, Vol. 3 Issue 9, September- 2014.
- T.SANDHYA, **V.R.Kavitha**, “A Neural Network Based Approach to Predict Solar Radiation and Analyze the Suitability of Crops Based on Atmospheric Conditions”, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), Volume 4 Issue 5, May 2015.
- Mary Leema Rose, **V.R.Kavitha**, “A Detailed Analysis on Secured Approach to Secret Key Extraction from Wireless Signal Strength Preserving Authentication and Security”, International Journal of Emerging Research in Management and Technology, 2278-9359
- Reeba Rose S, **V.R.Kavitha**, “An Efficient Location Dependent System Based On Spatial Sky Line Queries”, International Journal Of Soft Computing And Engineering, 2231-2307

National Conference publication

1. Divya Bharathi.R, Ellakya. S, **V.R.Kavitha**, “On the Spot Accident Information and Insurance dispute Resolution”, 6th National Conference On Advanced Computing Technologies -NCACT'19, Velammal Engineering College.
2. A.Mary Leema Rosea, **V.R.Kavitha**, “An Analysis on Pros and Cons over RSS Based Secret Key Extraction in Real Environments”, IETE 45th Mid Term Symposium on Broadband-Technologies and Services for Rural India MTS 14, 978-1-941505-03-8
3. A. Mary Leema Rose, **V.R.Kavitha**, “Secure Leader Election for Efficient Routing in MANET”, S PARC@2013.
4. S. Reeba Rose, **V.R.Kavitha**, “Sky Line Querying For Location Based Services”, Emerging Trends in Informatics and computing ETIC -2011, 978-1-4675-0748-6

5. **V.R.Kavitha**, “An Efficient Location Dependent Based On Novel Queries”, National Conference on Futuristic and advanced computing technologies

International Conference

1. **V.R.Kavitha**, “Nearest Location Surfing in Spatial Database Using Baseline Algorithm”, International Conference on Informatics Computers and Networks.
2. S.Gayathri, R.Monisa, **V.R.Kavitha**, “Predictive Analysis on Medicine and Doctor in Hospital”, LEADER-2019, International Conference in Embedded Systems Automotive Engineering Disaster Management Evolutionary Computing and Renewable Energy, Arunai College of Engineering.
3. T.Santhya , **V.R.Kavitha**, “Estimation of Solar Radiation with Various Climatic Parameters based on Neural Network”, International conference on Advances in emerging Technology 2015(ICAET 2015)

Books Authored

1. V.R.Kavitha, "Data warehousing and data mining", Magnus Publication, Chennai, 2012.
2. V.R.Kavitha, “ Computer Networks”, Magnus Publication, Chennai , 2013.
3. V.R.Kavitha, "Grid Computing", Magnus Publication, Chennai, 2011.
4. V.R.Kavitha, “Grid and cloud computing” Magnus Publication, Chennai, 2016.
5. V.R.Kavitha, "Software Engineering", Magnus Publication, Chennai, 2009.
6. V.R.Kavitha, “ Software Engineering”, Magnus Publication, Chennai, 2018.
7. V.R.Kavitha, “ Object Oriented Analysis and Design”, Magnus Publication, Chennai, 2016.
8. V.R.Kavitha, “ Object Oriented Analysis and Design”, Magnus Publication, Chennai, 2019.
9. V.R.Kavitha, "Component Based Technology", Magnus Publication, Chennai, 2010.
10. V.R.kavitha, "C# and .NET Framework", Magnus Publication, Chennai, 2007.
11. V.R.Kavitha, "Cloud Computing", Magnus Publication, Chennai, 2020 (R2017).

Short Term courses Organized

1. Organized symposium every year in Prathyusha Engineering College.
2. Conducted Hackathon in Prathyusha Engineering College.
3. Organized FDP on Digital Principles and system design in Prathyusha Engineering College on 15.12.2014 to 21.12.2014

4. Organized CSIR sponsored seminar on E-Waste Management and Recycling in Prathyusha Engineering College on 4.1.2013.

Certification

JAVA Certification

NPTEL Courses Completed

- Python programming
- Introduction to Machine Learning (IITKGP)
- Deep Learning (IITKGP)

Subjects Taught at Under Graduate and Post Graduate Level

1. Artificial Intelligence
2. Information Retrieval
3. C# and .NET Framework
4. Data Warehousing and mining
5. Network Programming and Management
6. Fundamentals of Computing
7. Programming Paradigm
8. Software Quality Assurance
9. Mobile Computing
10. Advanced System Software
11. Advanced Java Programming
12. Internet Programming
13. Object Oriented Analysis and Design
14. Computer Networks
15. Multimedia
16. Microprocessors
17. Data Structures
18. Compiler Design
19. Operating System
20. Environmental Science and Engineering
21. Software Engineering

Membership in Professional Bodies

1. Member of Computer Society of India
2. Member of ISTE
3. Member of IEEE

EDUCATIONAL QUALIFICATION

Category	Name of the Degree	Specialization / Branch	Year of Passing	Name of the College	Name of the University	% of Marks / Grades Obtained	Class Obtained
UG	B.Sc.	Chemistry	1991	St.Mary's Arts and Science College	Madurai Kamaraj University	78%	First Class
PG	M.C.A	Computer Applications	1996	Sri Sarada College of Arts and Science	Manonmani am Sundaranar University	68%	First Class VII University Rank Holder
	M.E.	CSE	2006	Rajalakshmi Engg. College,	Anna University	80%	FWD
Doctorate	Ph.D.	Mobile Adhoc N/W	22.07. 20	Saveetha Engg. college	Anna University		

PROFESSIONAL EXPERIENCE

Name of the College / Industrial	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
PEC	Associate professor	01.08.2016	Till date	3	4	
PITAM	Asst.professor	22.09.2010	31.07.2016	5	10	9
APOLLO ENGINEERING COLLEGE	Asst.professor	22.3.2010	18.9.2010		6	
R.M.K. ENGINEERING COLLEGE	Sr.Lecturer	3.7.2006	9.4.2009	2	9	
MADHA ENGINEERING	Sr.Lecturer	3.6.2002	23.05.2006	3	11	20

COLLEGE						
L.N.V. COLLEGE OF ARTS AND SCIENCE	Lecturer	3.6.1996	30.5.2002	5	11	27
Total				22	4	26

PERSONAL PROFILE

Date of Birth : 31st May 1971

Husband's Name : S. Bala Krishnan

Gender : Female

Marital Status : Married

Nationality : Indian

Personal Strengths : Strong subject knowledge, good in programming skills, strong analytical and problem solving skills and committed team player.

Dr. V.R.KAVITHA

Dr. P. Mohamed Ali

#76, 'T'Block, 3rd Main Road, Anna Nagar, Chennai-600 040, India
Tel.: 0091 44 45500271 (Res.) 0091 9791005798 (Mob)
Email: pmdali@yahoo.com



Objectives

A challenging professional career in a success oriented organization which will provide a suitable platform to utilize my skills and competencies in a mutually beneficial environment.

Educational Qualifications

- ◆ Doctor of Philosophy (Ph.D) in Mechanical Engineering from CEG Campus – Anna University, Chennai.
- ◆ Master of Engineering (M. E.) in Mechanical Engineering – Production Engineering from PSG College of Technology, (University of Madras) in 1983.
- ◆ Bachelor of Technology (B. Tech.) in Automobile Engineering from Madras Institute of Technology (MIT),- Anna University, Chennai in 1981.
- ◆ Bachelor of Science (B. Sc.) from University of Madras in 1978.

Additional Qualifications

- ◆ Passed ‘Certified Quality & Reliability Engineer’ Examination Conducted by Indian Association for Quality and Reliability in June 1987.
- ◆ Successfully completed ‘Business Excellence Award Assessor’s Course’ conducted by the Abu Dhabi Chamber of Commerce and Industry in collaboration with the British Quality Foundation (BQF) and European Foundation for Quality Management (EFQM).
- ◆ Successfully Completed Internal Auditor Training Course Conducted by TQMI (P) Ltd. Course No.R459 Registered by International Register of Certificate Auditors, U.K.

Professional Training

- ◆ Total Quality Management courses conducted by Tata Engineering and Locomotive Company Ltd. (TELCO), Jamshedpur and Tractors and Farm Equipment Limited (TAFE), Chennai, India.
- ◆ Statistical Quality Control courses conducted by Indian Statistical Institute, Chennai, India.
- ◆ ISO – 14000 & OHSAS - 18000 training program conducted by RWTUV & Intertek.
- ◆ Value Engineering Course conducted by Indian Value Engineering Society, Eastern Zonal Chapter, Jamshedpur, India.
- ◆ Computer Training Courses conducted by Technical society of Tata Engineering and Locomotive Company Ltd, Jamshedpur, India, APTECH Computer Education Centre Abu Dhabi, U.A.E. & Emirates Computers Establishment, Abu Dhabi, U.A.E.

Recognitions

- ◆ Nominated by Anna University as an Advisory Committee Member for setting up the Ergonomic Laboratory at Madras Institute of Technology Campus, Chennai, India.
- ◆ Recipient of National Merit Scholarship at the secondary stage.
- ◆ Nominated by the Abu Dhabi Chamber of Commerce and Industry as a Senior Assessor for the Excellence Award assessment process.
- ◆ Was faculty member for the Automobile Engineering Courses & Statistical Quality / Process Control Program conducted by TELCO Management Training Centre, Jamshedpur.
- ◆ Trainer for the Quality Management System / Quality Improvement Programs conducted for in-house employees in Tractors and Farm Equipment Limited (TAFE), Chennai.
- ◆ Commended for excellence in performance, diligence and dedication on numerous occasions.

Profile

- Practical experience as a senior faculty and head of the department in a reputed engineering colleges.
- Exposure to research oriented activities.
- Extensive experience in manufacturing processes / testing of auto components / aggregates (including engines, gearboxes, etc.) vehicle final inspection / Testing,
- Vast exposure to statistical quality / process control techniques including Six Sigma, Lean Manufacturing, Kaizen, FMEA, QC tools, In-process Audits, etc.,
- Practical experience as trainer for the in-house training programs in various organizations.
- Good exposure in implementing and monitoring the quality improvement programs in educational institutions.
- Excellent interpersonal communication skill and team management skills.
- Capable of handling any amount of work pressure.
- Fast learner with demonstrated ability to quickly grasp new ideas, concepts, methods and technology.
- Vast exposure to Total Quality Management system and ISO – 9000/TS16949 QMS, etc.,
- Practical experience in IT administration & IT related projects implementation as Head of Group IT Division.
- Good exposure to Business Excellence Model including preparation / implementation of business objectives, strategies and policies.
- Demonstrated ability to identify and positively influence individual and organizational behavior to achieve broader policy objectives and prospects.

Precis of Experience

Over 26 years of experience as Engineer / Manager / General Manager in leading /reputed organizations including Tata Engineering and Locomotive Company Ltd. (currently known as TATA MOTORS LIMITED) - Jamshedpur, Tractors & Farm Equipment Limited (TAFE) - Chennai, TVS - Sundram Fasteners Limited - Chennai and Universal Group of Companies - Abu Dhabi (UAE), 11½ years of experience as Professor – Mechanical Engineering in reputed self financing engineering colleges and 3 years of experience as Consultant in Mitsubishi Elevator ETA India Private Limited.

Extensive experience and vast exposures in the following areas:

- Establishing laboratories and infrastructure facilities for the department.
- Arranging guest lectures, industrial visits, trainings, etc., and guiding projects for students.
- Participated and presented paper in international conferences.
- Teaching mechanical/automobile engineering subjects.
- Monitoring and controlling production processes in accordance with quality plans and documented procedures.
- Preparing quality manuals, operating procedures, quality plans, method statements, inspection test plans, check lists, acceptance criteria, etc.,
- Training the staff on products & quality related activities.
- Implementing and monitoring the quality improvement programs in educational institutions.
- Establishing statistical process control techniques to monitor manufacturing quality.
- Monitoring customers complaints / feedback and implementing the necessary corrective / preventive actions that meet customer needs & expectations.

- Following up feedback on new product introduction / implementation and providing feedback to management.
- Vendor development through technical assistance/training aids and monitoring vendor rating.
- Establishing objectives with measurable targets to improve operational performance.
- Monitoring / controlling inspection, testing and sampling raw materials and processed products.
- Establishing / monitoring improvement projects.
- Organizing and conducting management review meetings and internal quality audits.
- Establishing / streamlining new initiatives / operations.
- Implementating & monitoring I.T. related projects & activities.
- ISO 9000 / TQM system implementation / certification audits.
- Coordinating and leading the team in new projects.

Employment History

July 1983 to May 1990 Engineer (QA/QC) / Senior Engineer (QA/QC) Auto / Engine Division Tata Engineering and Locomotive Co. Ltd. (Currently known as TATA MOTORS LIMITED)	Jamshedpur
June 1990 to September 1994 Assistant Manager (QA/QC) / Deputy Manager (QA/QC) Tractors and Farm Equipment Ltd. (TAFE)	Chennai.
November 1994 to November 1996 Sales / Service Engineer and Head of Automobile Division Bin Sagar Group {Dealer for the TATA Vehicles in the Emirate of Abu Dhabi}	Abu Dhabi, U.A.E.
December 1996 to July 1998 Senior Engineer (QA/QC) Emirates Technical Associates (ETA) {Electromechanical Division of ETA – ASCON Group of Companies}	Abu Dhabi, U.A.E.
August 1998 to May 2007 Group Quality Manager and Head of Group IT Division Universal Group of Companies	Abu Dhabi, U.A.E
May 2007 to Febraury 2008 General Manager – Quality and R&D Alpump Limited (A member of the Amalgamation Group)	Chennai
Febraury 2008 to August 2009 Deputy General Manager – Quality TVS - Sundram Fasteners Limited – Autolec Division	Chennai
September 2009 to Present Professor – Department of Mechanical Engineering (In reputed self finanacing engineering colleges From Feb 2012 to till date In Prathyusha Engineering College, Thiruvallur)	Chennai



Languages Known: English, Hindi and Tamil.

RESUME

Date of birth: 07 April 1955.

* * * * *

Name of the College	1114 - PRATHYUSHA ENGINEERING COLLEGE
Name of the Department	COMPUTER SCIENCE AND ENGINEERING
Name of the Degree & Course	B.E. - COMPUTER SCIENCE AND ENGINEERING
Name of the faculty member	MS. KAMATCHI C
Regular Or Adjunct	Regular
Image	
Present Designation	ASSISTANT PROFESSOR
Residential Address Line 1	NO 50/45, MALAYAPPAN STREET, MANNADY
Line 2	CHENNAI - 600001
District	CHENNAI
Telephone number	-
Mobile number	+91 - 9940398917
Email	KAMATCHICHINNAYA83@GMAIL.COM
Gender	FEMALE
Community	SC
PAN Number	CPAPK7000P
Passport Number	
Aadhar Number	911189984584
Faculty code given by C.O.E.	1114124
Faculty code given by A.I.C.T.E.	443471607
Date of Birth	17-01-1981
Age	36
I. Particulars of Educational Qualification : (only completed)	

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained / Ph.D. Awarded (Y/N)	Class obtained	Certificate
U.G.	B.TECH.	INFORMATION TECHNOLOGY	2006	D M I COLLEGE OF ENGINEERING	ANNA UNIVERSITY	65	FIRST CLASS	
P.G.	M.E.	COMPUTER SCIENCE AND ENGINEERING	2011	OTHERS - ANNA UNIVERSITY	ANNA UNIVERSITY	6.5	FIRST CLASS	

* Upload Scanned copy of Original Degree Certificate.

I.a. Additional Qualification :- NO ADDITIONAL QUALIFICATION

Score :

File :

II. Title of Ph.D. Thesis

III. Faculty in which Ph.D. was awarded

IV. Academic Experience :
(Start from the Current working Experience) *

Name of the College	Designation	Joining Date	Relieving Date / Current Date for Presently Working Institutions	Experience		
				Years	Months	Days
PRATHYUSHA ENGINEERING COLLEGE	ASSISTANT PROFESSOR	13-11-2010	21-10-2016	5	11	9
ARINGER ANNA COLLEGE OF ENGINEERING AND TECHNOLOGY	OTHERS - LECTURER	11-11-2009	11-11-2010	1	0	1
D M I COLLEGE OF ENGINEERING	OTHERS - LECTURER	11-11-2006	10-11-2009	2	11	1
Total				9	10	17

V. Industrial Experience :

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days

VI. C.O.E. Appointment Experience :

Capacity at which service is extended for the conduct of Exmination during the last year

AUR (No. of days)	Squad Member (No. of days)	External Examiner (Practical) (No. of days)	Central Evaluation (No. of scripts Evaluated)	Re-Evaluation (No. of scripts Evaluated)
1	10		600	

I.MOHAN

S/o B.Indiran,
No: 47 seeyamangalam pet, Thimmarajampettai,
Kanchipuram District. Pin: 631601.

www.linkedin.com/in/mohan-indiran-216483131



Mobile: 9677208342

Email id: itmoha@gmail.com

PROFESSIONAL SUMMARY

To hold a position that throws challenges at a fast pace, which demands an extraordinary perceptive mind, so that I carve a niche for myself in the organization goals.

SKILL SET

Operating Systems	:	Windows 95 / XP/7/8/10, Linux-Fedora
Programming Languages	:	C, C++, Java, python and Visual Basic.
Databases	:	Oracle express edition, MySQL
Internet Technologies	:	HTML, CSS, XML, JavaScript, PHP, JSP, Servlet.
Design Tools	:	Rational Rose (UML), Adobe Dreamweaver
Package	:	MS Office.
Data Analytics Tools	:	R Basic, Python Basic, Weka, Data Science

Educational Qualification

Ph.D (2016 -April -*Pursuing)-Part Time Research Scholar
Faculty of Information and Communication Engineering
Anna University, Chennai.

Master of Engineering (2009) – 8.28(CGPA)
Computer Science and Engineering
Thiagarajar College of Engineering, Madurai.
Anna University

Bachelor of Technology (2006) – 71%
Information technology
Adhiparaskthi Engineering College, Melmaruvathur.
Anna University

Diploma in Computer Technology (2003) – 86 %
Meenakshiammal Polytechnic College, Uthramerur.

M.Sc Applied Psychology (2013)
Bharathiar University School of distance education, Coimbatore

EXPERIENCE:[10 YEARS]

July 22, 2009 to Till Date (9 Years)
Prathyusha Engineering College , Chennai
Position: Assistant Professor, Department of Information Technology.

June 23, 2006 to July 2 2007 (1 Year)
Lord Venkateshwaraa Engineering College, Puliampakkam, Kanchipuram
Position: Lecturer, Department of Computer Science and Engineering.

ONLINE CERTIFICATION

- **Oracle Certified Associate, Java SE 7 Programmer I**- A Java SE 7 Oracle Certified Associate (OCA), has built a foundational understanding of Java, while acquiring knowledge of general programming. Issued by Oracle
- **Data Science Foundations - Level 1**-Introduction to data science, analytics and big data **bring to new applications in any industry**. Issued by IBM Cognitive Class
- **R 101**-Successfully completed and received a passing grade in R Language. Issued by IBM Cognitive Class
- **Business Analytics & Data Mining Modeling Using R Part I**-National Programme on Technology (NPTEL) Online courses and certification by IITs and IISc.

RESEARCH DETAILS

Research Area : Data Science, Data Mining

Sub Area : Sentiment Analysis

Research Title : "Multi Language Universal Sentiment Classifier on Social Network Data"

PUBLICATIONS

- Published a paper "**Various Approaches on Sentiment Analysis Using Social Media Data**" in the Journal of Network Communications and Emerging Technologies (JNCET) 2018
- Published a paper "**Sentiment Classification on Social Network Data**" in the **Annexure -II journal** International Journal of Pharmacy & Technology 2017.
- Published a survey paper "**Survey- Algorithms Used for Sentiment Analysis**" in the International Journal for Research in Applied Science & Engineering Technology (IJRASET) 2016.
- Published a paper "**Knowledge Discovery Using Big Data**" in the Journal of Current Computer Science and Technology 2015
- Published a paper "**Large-Scale Face Recognition with Back Propagation ANN**" in the 45th IETE Mid-Term Symposium on Broadband-Technologies Service for Rural India 2014
- Published a paper "**Accident Prevention Using Facial Features In Android Application**" in the National Conference on Innovation in Intelligence and Computing Technologies 2013
- Presented a paper titled "**Optimized Power Management Protocol For Mobile Adhoc Networks**" in the International conference AEEICB -2012
- Presented a paper titled "**Spam Mail Filtering Using Supervised Learning SVM Method**" in the national conference on RACEIT-2011
- Presented paper titled "**Scalable Implementation of Traveling Salesman Problem in Distributed Environment**" in IEEE International Advanced Computing Conference (IACC'09) at Thapar University, Patiala.

RESOURCE PERSON

- Delivered one day hands on Workshop on "**Basics of Python Programming**" at St. Peter's University
- Delivered two days hands on Workshop on "**Basics of R Programming**" at Bharath University and Prathyusha Engineering College

- Delivered two day hands on Workshop on **“Web App using PHP and MySQL”** at Prathyusha engineering college

FDP/SEMINAR/WORKSHOP ATTENDED

- Attended Workshop on **“Free Open Source Software”** at PITAM on 17-Dec-2011
- Attended **Train the Trainer Workshop on “Software Testing”** held at St. Joseph’s College of Engineering, Chennai from 28-Nov-2012 to 30-Nov-2012 conducted by Infosys Limited
- Attended Workshop on **“Mobipreneur ”** on 13th and 14th February 2013 at PITAM
- Attended National Seminar on **“Recent Trend For Improving Parallelism In Computing Based On Hyper Threading Technology”** on 10th July 2013 at Prathyusha Institute of Technology and Management
- Attended FDP on **“Application and Design of Low Power Embedded system”** 6-19 May 2013 at Rajalakshmi Institute of Technology
- Attended FDP on **“Big Data Analytics”** during July 19-20,2013 at SSN college of Engineering
- Attended Workshop on **“ANDROID Application”** at Prathyusha Institute of Technology and Management on 12-Nov-2013
- Attended 2 days Workshop on **“Statistical Data Analytics using R ”** at Thiagrajar College of Engineering on Nov-2015
- Attended 2 days Training Program on **“Time Management”** at Prathyusha Engineering College during 30th May and 31st May 2017
- Attended one day Training Program on **“AWS EducateDay 2017”** by ICT Academy Chennai on 13th July 2017
- Attended 5 days **Deep Dive Faculty Enablement Program on "Foundation Program 4.1"** at Sethu Institute of Technology, Virudhunagar from 6th Nov to 10th Nov 2017.
- Attended 2 days Faculty Development Program on **“Introduction to PHP Programming”** at Loyola Institute of Technology, Sriperumbudur by ICT Academy on June 12, 2018
- Attended 2 days Faculty Development Program on **“INTRODUCTION TO BIG DATA ANALYTICS”** at Jerusalem College of Engineering, Chennai by ICT Academy on 26th & 27th July 2018

ACHIEVEMENTS AND RESPONSIBILITY

- Received **“15” times Cash awards** in Academic Performance for producing 95% above an 100% Result in Anna University Examination
- Honored as **Best Placement Coordinator** Appreciation
- Own the responsibility of Department Placement coordinator for past 9 years
- Own the responsibility of Department Alumni coordinator for past 9 years
- Handled **placement and training programs** in Programming Language C,C++, Java, Python, HTML, CSS, PHP and MySQL for final year students
- Own the responsibility of handling session for Infosys Foundation Program as a Trainer.
- Own the responsibility of Class –In charge for 6 Batch
- **Won 2 bronze medal in Inspire Faculty Partnership** by Infosys campus connect

INTERESTED SUBJECT

- System Software
- Object Oriented Programming
- Web Technology
- Internet Programming
- Software Testing

PROJECT DETAILS

1. SCALABLE IMPLEMENTATION OF TRAVELING SALESMAN PROBLEM IN DISTRIBUTED ENVIRONMENT

Purpose : Final Year Project
Software : C Language and Parallel API (MPI)
Operating system : Linux
Duration : 8 Months
Team Size : 1

Description

Implemented a fault-tolerant task scheduler and analyzed its performance.

2. Developed an In-House Project named "ONLINE STUDENT FEEDBACK SYSTEM"

Purpose: The purpose of this feedback questionnaire is to gather information on student learning experience, as well as student responses to the course and the Faculty(s).

Software: JAVA, JSP, XHTML, CSS, Tomcat Apache Web Server, MYSQL Database Server

Description: The information provided by this System will be useful to Faculty(s) as well to College in the ongoing efforts to enhance the quality of education at Prathyusha Engineering College (PEC). The evaluation results will be computed using the total scores from the responses from all students.

PERSONAL DETAILS

Age and Date of Birth : 34 and 13th May, 1984
Sex : Male
Marital Status : Married
Father's Name : Indiran Balaraman
Languages Known : English, Tamil
Hobbies : Listening to music, Reading and Writing Tamil poetry.

Date :

Place :

SIGNATURE: _____
[MOHAN.I]

CURRICULUM VITAE

Ms.J.Omana,

E-Mail : omanajayakodi@gmail.com

Mobile Number: 9789024341



OBJECTIVE

To contribute to the Engineering Education Field as a **profound Academician** by molding the Engineering Students to become technocrats and a **continuous Researcher** by being part of a Progressive Organization.

EDUCATIONAL QUALIFICATION Ph.D (Pursuing), M.Tech.(CSE), B.E.(CSE)

- Pursuing **Ph.D.** in Information and Communication Engineering at Anna University, Chennai.
- Completed **Master of Technology** in Computer Science and Engineering in the year 2012, B.S.Abdur Rahman University, Tamil Nadu, India. **Score: 8.9 CGPA, First Class with Distinction**
- Completed **Bachelor of Engineering** in Computer Science and Engineering in the year 2010, Kings Engineering College, Anna University, Chennai, Tamil Nadu, India. **Score: 75 %, First Class**

SKILL SET

Operating Systems	:	Windows 95 / XP/7/8/10, Linux-Fedora
Programming Languages	:	C, C++, Java, Python.
Databases	:	Oracle express edition, MySQL
Internet Technologies	:	HTML, CSS, PHP
Design Tools	:	Rational Rose (UML), Adobe Dreamweaver
Data Analytics Tools	:	R Basic, Python Basic, Weka, Data Science

EXPERIENCE DETAILS

Total Teaching experience: 6 years 5 Months

Assistant Professor in the Department of Information Technology, Prathyusha Engineering College, Thiruvallur, Chennai from **Aug-2012**

CERTIFICATIONS

- NPTEL Elite certified for the course “**Business Analytics & Data Modeling using R-Part II**”, Feb-March 2018.
- NPTEL certified for the course “**Business Analytics & Data Modeling using R-Part II**”, Jan-April 2018.
- NPTEL certified for the course “**Great Experiments in Psychology**”, Feb-March 2018.
- **R 101**-Successfully completed and received a passing grade in R Language. Issued by IBM Cognitive Class

RESEARCH DETAILS

- **Research Area** : Data Science, Data Mining
- **Sub Area** : Health Care Domain
- **Research Title** : “Assessing the risk of Diabetes Mellitus”

RESOURCE PERSON

- Delivered two days hands on Workshop on “**Basics of R Programming**” at Prathyusha Engineering College
- Delivered two day hands on Workshop on “**Web App using PHP and MySql**” at Prathyusha engineering college

AWARDS AND RECOGNITION RECEIVED

- Was **Mentor** in guiding UG project based on “**Education made Easy**” in **SMART INDIA HACKATHON 2018(Final List @ New Delhi)**
- Received “**Certificate of Excellence**” for the workshop “**Machine Learning with R**”.
- Got **Bronze Medal in Infosys Campus Connect**
- Received **fund of Rs.20,000/- from CSIR** towards a seminar on **Recent Trends on Improving Parallelism in Computer Based on Hyper Threading Technology**.
- Received **appreciation** for working as **NPTEL Coordinator**
- Got **cash award and certificates** for producing **95% and above results**

CONTRIBUTION TOWARDS INSTITUTION

- **NBA Coordinator** for the Department of Information Technology
- **NAAC Coordinator** for Department of Information Technology, and have helped the Institution to attain A Grade
- **Technical Trainer & contributed to the placement** by conducting company based training, programming and mock interview sessions to the students.
- **NPTEL Coordinator** and enabled the students to do online courses and certification in various programming courses
- Conducted Symposium, an Inter & Intra college event as **Symposium Coordinator**.
- **Library In charge** for Department of Information Technology.
- **Member in Infosys Campus Connect** training program since 2012.
- **ISO coordinator** for Department of Information Technology.
- **Project Coordinator** and have reviewed over 36 projects.
- **Research Coordinator** in department for submitting various proposal to Government funding organizations like **SERB, CSIR, BRNS & TNSCST**
- Acted as **Scribe** for blind people in writing Government Exams.
- Was **Coordinator of “India’s Biggest Networking Championship 2016”** conducted by CSI at Prathyusha Engineering College

FDP/WORKSHOPS/SEMINARS ATTENDED

1. Attended FDP on “**Block Chain of Things**” on 7th & 8th December 2018 at Prathyusha Engineering College
2. Attended FDP on “**Oracle Programming using PL/SQL**” held by ICT Academy from 22nd October to 26th October 2018.
3. Attended one day National level seminar on “**Guidelines for drafting Research proposal & patent Journal**” on 3rd August 2018.
4. Attended two days workshop on “**Machine Learning with Python**” on 7th & 8th July 2018.
5. Attended one day workshop on “**Digital Marketing**” at Social Eagle on 16th December 2017.

6. Attended the workshop “**Machine Learning with R**” and received excellence certificate conducted from 30th Nov to 1st Dec 2017.
7. Attended national workshop on “**Python Programming**” held on 19th August 2018.
8. Attended workshop on “**Big Data Analytics**” held on 1st & 2nd December 2016.
9. Coordinated workshop on “**Exploring R Tool for Statistical Data Mining**” held on 21st & 22nd Nov 2016.
10. Attended five day Faculty Development Program on “**Data Science and Big Data Analytics**” conducted by ICT Academy from 1st Nov to 5th Nov 2016.
11. Attended workshop on “**Introduction to CCNA: Routing and Networking**” held on 12th Jan 2016.
12. Attended a workshop on “**Data Analytics using R**” held on 11th Jan 2016.
13. Attended one week Faculty Development Programme on “**Mobile Application development on Android**” held during 4th -10th January 2016.
14. Attended “**Train the Trainer (TTT) on FP4.0 – “Software Engineering and Introduction to User Interface & Web Technology**” conducted by Infosys Limited from 5th Nov to 7th Nov 2015 and has been **awarded A+ Grade**.
15. **Coordinated “India’s Biggest Networking Championship”** in association with **ACES ACM-IIT Delhi** on 27th & 28th February 2015.
16. Attended Faculty Development Program on “**Web Technology**” conducted PEC during 15th Dec to 21st Dec 2014.
17. Completed **IBM Software Training –“IBM CE-Enablement Program for Cloud Environment”** using **IBM BlueMix** held on 14th to 21st June 2014.
18. Attended **FDP on “Software Engineering & Quality Assurance”** conducted by ANNA UNIVERSITY from 16th to 22nd Dec 2013.
19. Attended workshop on “**Android Apps Development**” conducted by Griffin Education held on 12th Nov 2013.
20. Attended **CSIR sponsored** seminar on “**Innovations in ICT towards lowering Child Mortality**” held on 24th October 2013
21. **Organized CSIR sponsored seminar** on “**Recent Trends on Improving Parallelism in Computer Based on Hyper Threading Technology**” held on 10th July 2013.
22. Attended **AICTE sponsored FDP** on “**Web Services and Applications**” held on 6th to 19th May 2013.
23. Attended **AICTE sponsored FDP** on “**Wireless Network Security**” held on 15th to 28th April 2013.
24. Attended **CSIR organized** seminar on “**Effective ways to move towards sustainable Planet**” held on 28th January 2013.
25. Participated in Workshop organized by Techunt2013 – **India’s 1st talent hunt for entrepreneurship, “Mobipreneur”**.

PUBLICATIONS:

1. Published a paper in Journal of Network Communications and Emerging Technologies on title “**Estimation of Association Summarization Techniques performance in Prediction of Diabetes Mellitus**” Vol 8, Issue 3, March 2018. 2395-5317
2. Published a paper in International Journal of Computer Science and Mobile computing on title “**Survey on Efficiency of Association Rule Mining Techniques**”, Volume 6, Issue 4, April 2017. ISSN 2320-088X

3. Published a paper in International Journal of Engineering science and Computing on title **“Student Helpdesk system”**, Volume 7, Issue No 3, March 2017. ISSN 2250-1371
4. Presented paper in International Conference on Latest Trends in Computer Science Engineering and Information Technology on title **“Design and Implementation of wireless gas sensing network for preventing industrial calamity”** dated on 8th March 2014.
5. Published a paper in National Conference on Novel Computing on title **“Advanced botnet construction using honeypot perception”** conducted on 14th March 2014.
6. Presented paper in National Conference on Emerging trend in Information and Communication Technology on title **“Recovery of printed digital photo using Barcode Technique”**.
7. Presented paper in International Journal of Science and Technology on title **“Detection of blackhole attack in MANET using hybrid routing and AODV protocol with ECDH”**.

Personal data:

Date of Birth : 18th July 1989
Religion : Christian
Marital Status : Married
Mother Tongue : Tamil
Nationality : Indian
Address : No.10/6, John Vasu Street,
Madhavaram Milk Colony,
Chennai 51.

Declaration:

The details furnished above are true to the best of my knowledge.

Your's faithfully,

J.Omana



ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF MECHANICAL ENGINEERING DEPARTMENT ACADEMIC ADVISORY COMMITTEE MEMBERS

ACADEMIC YEAR : 2017-18

S. No.	Name of the Member	Role	Designation and Organisation
1	DR. P. JAYARAMAN	Chairman	Professor and Head, Department of Mechanical Engineering, Prathyusha Engineering College.
2	DR. R. RAJU	Academic Mentor	Professor, Department of Industrial Engineering, Anna University – CEG Campus.
3	DR. K. ANNAMALAI	Academic Mentor	Associate Professor, Department of Automobile Engineering, Anna University – MIT Campus.
4	DR. G. SARAVANAN	Industry Mentor	Product Manager, Caterpillar India, Thiruvallur
5	MR. V. MARIA ANTONY	Industry Mentor	Deputy General Manager (QA), Nissan India Motor India Pvt Ltd, Oragadam.
6	MR. P. MOHAMED ALI	Senior Faculty	Professor , Department of Mechanical Engineering, Prathyusha Engineering College.
7	DR. V. JAYASEELAN	R & D Coordinator	Professor , Department of Mechanical Engineering, Prathyusha Engineering College.
8	MR. VIJAY GANESH SANTHANAM	Alumini Representative	Chief Operating Officer, Quality Water Management Systems, Ramapuram, Chennai

P. JAYARAMAN,
Z38/80, 9th st., Annanagar
Chennai 600040
Phone: 9840397361
E-mail: jayaramansharmila@gmail.com



Objective :

Seeking a challenging assignment and environment that encourages continuous learning and provides exposure to new ideas and personal professional growth.

Personal Skills:

Excellent Verbal and written communication skills
Comprehensive problem solving abilities
Ability to deal with people diplomatically
Willingness to learn
A team facilitator.

Software skills:

Operating system: Windows 98, Windows 2000.
Programming languages: Pascal,C,C++,
CAD Tools: Pro-E 2001,Ansys 8.0 and AutoCAD 2012,MATLAB R2013.

Educational Qualifications :

Course	Institution	University/Board	Year of passing	Percentage obtained
Ph.D	St. Peter's Institute of Higher Education & Research	St. Peter's University, Avadi, Chennai	2017	NA
M.E. (CAD)	College of Engineering, Guindy,	Anna University	April, 2004	7.6(CGPA)
B.E. (Production Engg)	Sathyabama Engineering College.	University of Madras	April, 1998	70.7%
HSC	D.R.B.C.C.C.H.H.S.School, Trivellore.	State Board	March, 1994	86%
SSLC	Dasar's High School	State Board	April, 1992	86%

Project title in Under graduation: Maintenance Improvement Programme on Tannery machines at CLRI, Chennai

Project title in Post graduation : Rotor Dynamics of a two stage high pressure blower.

Previous Experience :

Organization : Little Flower Polytechnic, Porur, Chennai.
Duration : June 1998 to June 2001 (3 years)
Designation : Lecturer in Mechanical Engineering.

Organization : Prathyusha Institute of Technology and management, Aranvoyal kuppam, Trivellore.

Duration : July 2001 to till date (14 Years 3 Months)

Designation : Head & Asst. Professor /Dept. of Mechanical Engineering.

Other Responsibilities:

: ISO-Internal Auditor work

: Head of the Department

List of Faculty Development Programmes/Training Programmes/Conferences and Seminars attended:

Title of Programme	Date	Conducted by	Sponsored by
FDP on 'Engineering Mechanics'	03.01.05 to 08.01.05	College of Engineering, Guindy. Anna University	Self
Two days Programme on 'Internal Quality Auditor Training'	04.01.07 to 05.01.07	Intertek Systems certification for ISO9001:2000	Prathyusha Institute of Technology and Management, Trivellore
FDP on 'Exposure on Visual basics & Oracle'	22.01.09	Prathyusha Institute of Technology and Management, Trivellore	Prathyusha Institute of Technology and Management, Trivellore
One day seminar on 'Prospects of Renewable Energy in Technical Education'	18.09.09	Prathyusha Institute of Technology and Management, Trivellore	Prathyusha Institute of Technology and Management, Trivellore
One day Workshop on 'Refrigeration-Current Issues and Future Challenges'	12.03.10	SSN College of Engineering, Kalavakkam,603 110	Self
Two days FDP on "MATLAB & LATEX-Fundamentals"	11.12.14 &12.12.14	PITAM	PITAM
6 days FDP on "Design of Experiments and Optimization Techniques"	16 12.2013 to 21.12.2013	SVCE, Sriperumbudur	PITAM
One day workshop on "ANDROID Programming"	12.11.2013	PITAM	PITAM
Workshop on "Popularization of Research Methodology and Techniques"	18.11.2011	St.Peter's Univesity	PITAM

List of Publications

Title	Name of the Conference / Journals / Proceeding	Venue of conference/ Country of journal	Month/Year
Taguchi-Fuzzy Multi Output Optimization (MOO) in Turning of AA6351	International Journal of Applied Engineering Research, Vol. 10, No. 23, pp. 43912-43918.	Research India Publications, New Delhi	OCT-2015.
Optimization of Cutting Parameters in Turning of AA6351 Using Response Surface Methodology and Genetic Algorithm”,	International Journal of Applied Engineering Research, Vol. 10. No. 23, pp. 43905-43911.	Research India Publications, New Delhi	OCT-2015.
Multi-characteristics Optimization During Turning of 6063 T6 Aluminium Alloy Using Weighted Principal Component Analysis	Int. Journal/ International Review of Mechanical Engg. Vol.8.N.4. pp. 785-790.	Prize worthy prize Publisher, Italy	JUL-2014
Multi-response Optimization of Machining Parameters of Turning AA6063 T6 Aluminium Alloy using Grey Relational Analysis in Taguchi Method	Procedia Engineering 97 (2014) 197 – 204	Elsevier Publication, Netherlands	DEC-2014
Multi-Characteristics Optimization on End-milling of AA 6101 T6 Using Weighted Principal Component Analysis	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 6 (2015) pp.5670-5675	Research India Publications, New Delhi	April-2015
SIZE EFFECT ON FRICTION IN FORWARD EXTRUSION PROCESS OF AA6063/SIC 5 %	Journal of Chemical and Pharmaceutical Sciences, JCHPS Special Issue 9: pp 127-129	JCHPS, India	April-2015
Multi-response Optimization of Cutting Parameters During End-milling of AA6101 T6 Aluminium Alloy Using Grey Relational Analysis	International Journal of Applied Engineering Research, Volume 10, Number 2 (2015) pp. 4275-4286	Research India Publications, New Delhi	May-2015
Multi-response Optimization of Machining Parameters of Turning AISI 6061 T6 Aluminium Alloy	International Journal of Applied Engineering Research, Volume 10, Number 8 (2015) pp.6078-6083	Research India Publications, New Delhi	April-2015

Using Grey Relational Analysis In Taguchi Method			
Multi-characteristics Optimization During Turning of AISI 6061 T6 Aluminium Alloy Using Weighted Principal Component Analysis	International Journal of Applied Engineering Research Volume 10, Number 8 (2015) pp. 6236-6240	Research India Publications, New Delhi	April-2015
Multi-response Optimization in Turning of AA6061 T6 Using Desirability Function Analysis	Applied Mechanics and Materials Vol. 812 (2015) pp 124-129	Trans Tech Publications, Switzerland	July-2015
Optimization of Machining Parameters in Turning of Aluminium Alloy 6061 using Taguchi Method	ICAIEA 2014- International Conference,	CEG, Anna University, CHENNAI	JAN-2014
Rotor Dynamics of a Two stage High Pressure Blower	RIPE 2010-National Conference	MIT, Anna University, CHENNAI	APR-2010

Research area: Optimization of machining parameters, Composite materials & smart materials.

Title of Ph.D Thesis : STUDIES ON PARAMETRIC OPTIMIZATION IN TURNING OF AA6063 T6 AND AA6351 T6 ALLOYS USING VARIOUS OPTIMIZATION TECHNIQUES

Personal Summary :

Name : P. Jayaraman.
Fathers Name : R.Ponnambalathandi,
Sex : Male
Date of birth : 29.12.1976
Permanent Address : P. JAYARAMAN,
Z38/80, 9th st.,
Annanagar, Chennai 600040
Phone: 98403 97361

Religion : Hindu
Marital status : Married
Nationality : Indian

Subjects Handled :

- 1) Engineering Mechanics
- 2) Engineering Graphics
- 3) Manufacturing Technology
- 4) Applied Thermodynamics
- 5) Kinematics of Machines
- 6) Design of Machine Elements

Declaration:

I hereby declare the above furnished particulars are true to my knowledge and belief.

Place: Chennai
Date : 15.04.2021

DR.R.RAJU, PROFESSOR



Cellphone : 9444904300

E-Mail ID : rraju@annauniv.edu

Address : P - 1/2, Staff Quarters Anna University Chennai - 600 025.

Field of specialization: Work design, TQM, Operations Management Facilities design, Lean Six Sigma.

PRESENT POSITION

1. Professor, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai from June-2012.

PREVIOUS POSITION

1. Associate professor, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai during March-2007 and June-2012.
2. Assistant Professor, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai during March-2004 and March-2007.

PREVIOUS ADDITIONAL RESPONSIBILITY

1. Director, , Anna University, Chennai during August-2018 and August-2019.
2. Head Of The Department, , Anna University, Chennai during March-2015 and May-2019.
3. Additional Controller of Examinations, Office of the Controller of Examinations, Anna University, Chennai from August-2012 and July-2016.
4. Special Officer At Tindivanam, University College Of Engineering, Tindivanam, Anna University, Chennai during June-2008 and September-2010.
5. Deputy Controller Of Examination, Office of the Controller of Examinations, Anna University, Chennai.

OTHER EMPLOYMENT

1. Academic Council Member, Anna University for 3 years.
2. QC Inspector, HHE Ltd, Chennai for 2.5 years.
3. Supervisory Position, Carriage&wagon Works, Perambur, Chennai-23. for 10 years.
4. Asst. Mech. Engr, Diesel Loco Maintenance Depot, Erode. for 2.5 years
5. Asst. Prdn. Engr, Carriage&wagon Works, Perambur, Chennai-23. for 2.5 years.

6. Vice Principal, Supervisors' Training Centre, Bangalore. for 2 years.
7. Works Manager, Carriage & wagon Works, Perambur, Chennai-23. for 3 years.
8. Divisional Mechanical Engineer, Coaching Depot, Basin Bridge, Chennai. for 1.5 years.
9. Production Engineer, Loco Works and Carriage & wagon Works, Perambur, Chennai-23. for 1.5 years.

DEGREE

1. M.E. in INDUSTRIAL ENGINEERING , College of Engineering Guindy, Anna University (1989 - 1991).
2. AMIE. in MECHANICAL ENGINEERING , Institution of Engineers (India), Institution of Engineers (India) (1982 - 1985).
3. AMIE. Metallurgical Engineering, Institution of Engineers (India), Institution of Engineers (India) (1985 - 1988).
4. D.M.E. in MECHANICAL ENGINEERING , C.N. Polytechnic, Directorate of technical education, Tamil Nadu (1977 - 1980).
5. M.B.A. in Management Studies, IGNOU, IGNOU (1988 - 1992).
6. M.A. Public Administration, Institute of Correspondence Education, University of Madras (1984 - 1986).
7. M.A. in TAMIL , Institute of correspondence education, University of Madras (1995 - 1997).
8. B.A in TAMIL , Institute of Correspondence Education, University of Madras (1981 - 1984).
9. Diploma in Rail transport, Institute of Rail Transport, Indian Railways, New Delhi. (1984 - 1985).
10. Diploma in Maintenance Management, Institute of Correspondence education, Annamalai University (1993 - 1994).
11. Diploma in Operations Management, IGNOU, IGNOU (2002 - 2003).
12. Diploma in Astrology, Sasthra University, Sasthra University (2003 - 2004).

RESEARCH DEGREE

1. Ph.D. in TOTAL QUALITY MANAGEMENT from Faculty of Mechanical Engineering, University Department, Madras University (1999 - 2001).
Title: An empirical investigation to identify Critical Success Factors and TQM culture variables for successful implementation of Total Quality Management in Indian industries.
2. MS by research in Engineering Management from Faculty of Mechanical Engineering, BITS/PILANI, BITS/PILANI (1995 - 1997).
Title: Productivity improvement in Carriage and Wagon Works, Southern Railway.

AREAS OF SPECIALISATION

Industrial Engineering

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Life member- Institution of Engineers (India)
Member-Institution of Industrial Engineering

RESEARCH GUIDANCE

Ph.D.	Supervisor	Registration	Number	:	62112
Number	of	Ph.D	Scholars	Guided	: 19
Number	of	Ph.D	Scholars	Guiding	: 07
Number	of	M.S (By	Research)	Scholars	Guided : 01
Number	of	M.E./	M.Tech.	Projects	Guided : 46
Number	of	M.E./	M.Tech.	Projects	Guiding : 05
Number of Ph.D Scholars Guided as Joint-Supervisor :					05

PAPERS PUBLISHED IN JOURNALS

RESEARCH PAPERS PUBLISHED IN INTERNATIONAL JOURNALS : 55

1. P. B. Sakthivel **R.Raju**, "TQM Implementation and Student's satisfaction of academic performance.", The TQM Magazine Emerald, published by Emerald Group. Vol. 17, Issue 6, pp. 573-589 (2005).
2. P. B. Sakthivel **R.Raju**, " An Instrument for measuring Engineering Education quality from student's perspective", American Society for Quality, published by American Society for Quality. Vol. 17, Issue 2, pp. 182-194 (2005).
3. P. B. Sakthivel **R.Raju**, " Conceptualizing Total Quality Management in Engineering Education and Developing a TQM Educational Excellence Model", Total Quality Management, published by Taylor and francis Group. Vol. 17, Issue 7, pp. 913-934 (2006).
4. S.Vijayan **R.Raju**, " Process Parameter Optimization and Characterization of Friction Stir Welding of Aluminium Alloys", International Journal of Applied Engineering Research, published by International Journal of Applied Engineering Resea. Vol. 3, Issue 10, pp. 1303-1316 (2008).
5. V. Jayakumar **R.Raju**, " Some aspects of designing a dynamic cellular manufacturing sytem for deterministic and stochastic production requirements", International Journal of Applied Engineering Research, published by International Journal of Applied Engineering Resea. Vol. 4, Issue 10, pp. 1895-1902 (2009).
6. S.Vijayan **R.Raju** S.R.K. Rao, "Friction Stir Welding of Al-Mg Alloy: Comparison of process parameter optimization between single and multi response using Taguchi Methodology", International Journal of Applied Engineering Research, published by International Journal of Applied Engineering Resea. Vol. 4, Issue 5, pp. 709-725 (2009).
7. V.Jai Ganesh **R.Raju**, " Multi-Response Optimization of Process Parameters using weight based Grey Analysis and weight based Desirability function in the Taguchi Method", International Journal of Machine Intelligence and Application, published by Serials . Vol. 1, Issue 1, pp. 27-38 (2009).
8. S.Vijayan **R.Raju** K. Subbaiah, N. Sridhar, " Friction Stir Welding Of Al-Mg Alloy Optimization Of Process Parameters Using Taguchi Method.", Society for Experimental Mechanics, published by Society for Experimental Mechanics. pp. 1-8 (2009).

9. V. Jayakumar **R.Raju**, "Investigation of Applications of simulated Annealing in the Design of Dynamic Cellular Manufacturing Systems.", International Journal of Engineering and Technology, published by International Journal of Engineering and Technolog. Vol. 2, Issue 4, pp. 220-224 (2010).

10. R. Saravanan **R.Raju** M. Ramasamy, "Integrating Simulation and Optimization to Schedule Batches in Parallel Hybrid Flow Shop", International Journal of Design and Manufacturing Technologies, published by International Journal of Design and Manufacturing . Vol. 4, Issue 1, pp. 21-29 (2010).

11. R. Saravanan **R.Raju**, " Sequencing and Scheduling of Non uniform Flow Pattern in Parallel Hybrid Flow Shop", International Journal of Advanced Manufacturing Technology, published by Springer. Issue 49, pp. 213-225 (2010).

12. S.Vijayan **R.Raju** S.R.K. Rao, "Multi-objective Optimisation of friction Stir Welding process parameters on Aluminium Alloy AA 5083 Using Taguchi Based Grey Relation Analysis", Materials and Manufacturing Process, published by Taylor and francis Group. Vol. 25, pp. 1206-1212 (2010).

13. M.Sumathy **R.Raju**, " The Influence of Psychosocial Factors on the occurrence of Musculoskeletal Disorders Regarding VDT users", European Journal of Scientific Research, published by European Journal of Scientific Research. Vol. 43, Issue 2, pp. 290-296 (2010).

14. R.Ramanujam **R.Raju** N.Muthukrishnan, "Optimization of machining parameters for turning Al-SiC(10p) MMC using Taguchi Grey relational analysis", International Journal of Industrial Engineering, published by International Journal of Industrial Engineering. Vol. 18, Issue 11, pp. 582-590 (2011).

15. K.R. Leelavathy **R.Raju** S. Gokul Raj, "Whole Body Vibration and Back Disorders among Vehicle Operators", European Journal of Scientific Research, published by European Journal of Scientific Research. Vol. 61, Issue 3, pp. 328-340 (2011).

16. V. Jayakumar **R.Raju**, "A multi objective genetic algorithm approach to the probabilistic manufacturing cell formation problem", South African Journal of Industrial Engineering, published by South African Journal of Industrial Engineering. Vol. 22, Issue 1, pp. 199-212 (2011).

17. R.Ramanujam **R.Raju**, "Process Parameter optimization in Turning of Al-SiCp Metal Matrix Composites using Taguchi Based Desirability Function Analysis", Journal of Mechanical Engineering, published by Strojniški vestnik – Journal of Mechanical Enginee. Vol. 62, Issue 2, pp. 81-92 (2011).

18. R.Ramanujam N. Muthukrishnan **R.Raju**, "Optimization of cutting parameters for turning Al-SiC(10p) MMC using ANOVA and Grey relational analysis.", International Journal of precision Engineering and Manufacturing, published by Springer. Vol. 12, Issue 4, pp. 651-656 (2011).

19. L. John Baruch **R.Raju** V. Balasubramanian, "Effect of tool pin profile on microstructure and hardness of friction stir processed aluminium die casting alloy", European journal of Scientific research, published by European journal of Scientific research. Vol. 70, Issue 3, pp. 373-385 (2012).

20. M.Sumathy **R.Raju**, "A cross – sectional study on musculoskeletal disorder prevalence symptoms at video display terminal (VDT) work-stations", International Journal of engineering science and technology, published by International Journal of engineering science and t. Vol. 4, Issue 4, pp. 1448-1457 (2012).

21. M.Sumathy **R.Raju**, " Influence of individual factors like gender, physical activity and age on the occurrence of musculoskeletal disorders in video display terminal users", International Journal of current research, published by International Journal of current research. Vol. 5, Issue 4, pp. 982-986 (2013).

22. K.R. Leelavathy **R.Raju**, S. Gokul Raj, "An empirical investigation and development of model for measuring the perceived low back pain prevalence level among drivers in India", International journal of engineering science and technology, published by International journal of engineering science and t. Vol. 5, Issue 4, pp. 719-730 (2013).

23. M.Sumathy **R.Raju**, "Influence of industry type on the musculoskeletal disorders prevalence of the video display terminal (VDT) users", International Journal of current research, published by International Journal of current research. Vol. 5, Issue 8, pp. 2192-2195 (2013).

24. R.Ramanujam K. Venkatesan S. Vijayan **R.Raju**, "Multi-response optimization of machining parameters in turning hybrid metal matrix composites reinforced with graphite particles for tribological applications", International Journal of applied engineering research, published by International Journal of applied engineering resea. Vol. 8, Issue 11, pp. 1315-1326 (2013).

25. Babu Chellappachetty, **R.Raju**, "Increasing the probability of fault detection in non-perfect inspection model of delay time analysis with compromise on inspection time.", Research journal of Applied Sciences Engineering and Technology., published by Maxwell Scientific Organization. Vol. 18, Issue 8, pp. 1442 - 1449 (2014).

26. P.Parthiban,**R.Raju**, " Productivity improvement in shoe making industry By using method study", IOSR Journal of Mechanical and Civil Engineering(IOSR-JMCE), pp. PP 01-08 (2014).

27. **R.Raju**, "Influence of Designation on the musculoskeletal Disorder prevalence of the Display terminal (VDT) Users", International Journal of Innovative research in science and technology, published by International Journal of Innovative research in sc. Vol. 5, Issue 1, pp. 65-71 (2014).

28. **R.Raju**, "Influence of Video Display Terminal User's Qualification on the level of Musculoskeletal Disorder Prevalence", International Journal of Applied Engineering Research, published by Research India. Vol. 9, Issue 24, pp. 24387-24406 (2014).

29. B. Abideen Ahamed **R.Raju**, " Implementing Lean in A Small Scale Ice Cream Manufacturing Industry", IOSR Journal of Mechanical and Civil Engineering , published by www.iosrjournals.org . Issue 2014, pp. 69-77 (2014).

30. V. Jayakumar **R.Raju**, " A simulated Annealing Algorithm for Machine Cell formation under uncertain production requirements", Arabian Journal for science & Engineering, published by Springer. (2014).

31. L. John Baruch, **R. Raju**, V. Balasubramanian and I. Dinaharan, " The effect of process parameters on the friction stir processed AS7U3G Aluminium Alloy", Applied Mechanics and Materials, published by Trans Tech Publications, Switzerland. Vol. 592, Issue 776, pp. 776-780 (2014).

32. Raja Sreedharan, V **Raju, R**, & Srivatsa Srinivas, S., "A review of the quality evolution in various organisations", otal Quality Management & Business Excellence, published by Taylor and Franics. pp. 1-15 (2015).

33. R. Balaji, **R.Raju**, "Implementation of Lean in Heavy Vehicle Assembly Plant", International Journal of Applied Engineering Research, published by ICETS 2015. Vol. 10, Issue 9, pp. 78582-78592 (2015).

34. V. Raja Sreedharan, **R.Raju**, G.Srinivasan, "Defect Analysis in a ballast Manufacturing Industry using Quality tools", International Journal of Applied Engineering Research, published by Research India Publications. Vol. 10, Issue 9, pp. 7997-8004 (2015).

35. Selvan C, **Raju R**, Pradeep B, "Optimizing Healthcare Delivery system in Laboratory", International Symposium in Honour of Dr. A. Ravi Ravindren , (2015).

36. Selvan. C, **Raju R**, Jitendranath Palem, Marie-Claude Guerin, " Application of Classification Technique and Sentiment Analysis Based Text Analytics to the Patient Feedback Management System", International Journal of Engineering Technology, Management and Applied Sciences, published by IJETMAS. Vol. 3, pp. 7 - 20 (2015).

37. Selvan C, **R.Raju**, Jitendranath Palem, "Impact of IT Infrastructure Availability Service Level Agreements and Need for the Service Centric Approach and Analytics in Healthcare", International Journal of Engineering Technology, Management and Applied Sciences, published by IJETMAS. Vol. 3, pp. 66-75 (2015).

38. K. Giridharan, **R.Raju**, "The Impact of Experiential Learning Methodology on Student Achievement in Mechanical Automotive Engineering Education", International Journal of Engineering Education, published by TEMPUS publications. Vol. 32, Issue 6, pp. 2531 - 2542 (2016).

39. P. Mohamed Ali **R.Raju** T. K. Murugesan, " The Impact of Human Factors on Effective Implementation of TQM in South Indian Manufacturing Industries", Asian Journal of Research in Social Sciences and Humanities, published by Asian Research Consortium. Vol. 6, Issue 7, pp. 517-536 (2016).

40. K. Giridharan **R.Raju**, "Impact of Teaching Strategies: Demonstration and Lecture Strategies and Impact of Teacher Effect on Academic Achievement in Engineering Education", International Journal of EDUCATIONAL SCIENCES, published by KRE. Vol. 14, Issue 3, pp. 174-186 (2016).

41. Raja Sreedharan, V **R. Raju**, "A systematic literature review of Lean Six Sigma in different industries", International Journal of Lean Six Sigma, published by Emerald. (2016).

42. Raja Sreedharan, V **R.Raju**, R. Rajkanth, M. Nagaraj, "An empirical assessment of Lean Six Sigma Awareness in manufacturing industries: construct development

and validation", Total Quality Management & Business Excellence, published by Taylor and Franics. (2016).

43. P. Mariappan **R.Raju** V. Raja Sreedharan, "Lean Six Sigma: A Literature Analysis and Classification", Asian Journal of Research in Social Sciences and Humanities, published by Asian Research Consortium. Vol. 6, Issue 6, pp. 315-332 (2016).

44. M. Nagaraj **R.Raju** V. Raja Sreedharan, "Challenges, Laws, Needs, Tools, Success and Failures of Lean Six Sigma Application: Extraction for Literature Field", Asian Journal of Research in Social Sciences and Humanities, published by Asian Research Consortium. Vol. 6, Issue 5, pp. 247-265 (2016).

45. Raja Sreedharan, V **R.Raju**, " Manager's Perception towards Critical Failure Factors of Lean Six Sigma in Manufacturing Industries using TOPSIS Approach", Asian Journal of Research in Social Sciences and Humanities, published by Asian Research Consortium. Vol. 6, Issue 3, pp. 31-44 (2016).

46. John Baruch.L **Raju.R** Balasubramanian.V, Rao.A.G Dinaharan.I, " Influence of Multi-pass Friction Stir Processing on Microstructure and Mechanical Properties of Die Cast Al-7Si-3Cu Aluminium Alloy", Acta Metall.Sin. (Engl. Lett), published by Springer. Vol. 29, pp. 431-440 (2016).

47.M.Sivasundari, Dr.K.Suryaprakasa Rao, **Dr.R.Raju**, "To Enhance the Capacity Flexibility in Operational Level: A Case Study from the Auto Electrical Components Manufacturer.", International Journal of Printing, Packaging & Allied Sciences,, published by International Journal of Printing, Packaging & All. Vol. 5, Issue 1, pp. 301-312 (2017).

48.S. Malini and **R.Raju**, "Exploring the moderating effects of gender on the relationship between motivation and spiritual intelligence of higher education students in India", International Journal of Educational Science, published by KRE. Vol. 21, Issue 1, pp. 79-90 (2018).

49.V. Raja Sreedharan, G. Sandhya and R.Raju, " Development of a green lean six sigma model for public sectors", International journal of Lean Six sigma, published by Emerald publishing limited. pp. DOI.10.1108/IJ LSS-02-2017-0020 (2018).

50.Sivasundari.M, Dr. Suryaprakasa Rao K, and Dr. R. Raju, " Production capacity-workforce plan for multi- model production line: mathematical model using linear programming.", Applied Mathematics and Information Sciences, published by Applied Mathematics and Information Sciences. Vol. 13, Issue 3, pp. 369-382 (2018).

51.Raja Sreedharan V,Vijaya Sunder M, Raju R, " Critical success factors of TQM, Six Sigma, Lean and Lean Six Sigma: a literature review and key findings", Benchmarking: An International Journal, pp. <https://doi.org/10.1108/BIJ-08-2017-0223> (2018).

52.Raji Murugan, Raju. R, "Understanding the power transformer component failures for health index- based maintenance planning in electric utilities.", Engineering Failure Analysis, published by Elsevier. Vol. 96, pp. 274-288 (2019).

53.M.Sivasundari, K.S.Rao and R.Raju, "A lexicographical method for a production planning problem in an engineering industry: A case study", South African Journal of

54. Malini.S and Raju.R, "Analysis of the influence of spiritual intelligence in achieving student engagement using Regression equation Modeling", Anthropologist, published by KRE Kamala-Raj. Vol. 35, Issue 1, pp. 36-46 (2019).

55. Rajasreedharan.V, Raju.R, Vijaya Sunder.M, Jiju Antony, "Assessment of Lean Six Sigma Readiness(LESIRE) for manufacturing industries using fuzzy logic", International journal of Quality & Reliability, published by Emerald publishing limited. (2019).

RESEARCH PAPERS PUBLISHED IN NATIONAL JOURNALS : 17

1. **R.Raju**, "Reducing Axle Rejection using Problem Solving Tools", Industrial Engineering Journal, published by Indian Institution of Industrial Engineering. Vol. 29, Issue 9, pp. 24-29 (2000).

2. **R.Raju** N. Balasubramanian, "Total Quality Management Implementation model for Indian Industries ", Industrial Engineering Journal, published by Indian Institution of Industrial Engineering. Vol. 31, Issue 1, pp. 18-27 (2002).

3. **R.Raju** N. Balasubramanian, " An Empirical Investigation and development of Instruments for Measuring the Progress of Total quality Management Implementation in Indian Industries", Industrial Engineering Journal, published by Indian Institution of Industrial Engineering. Vol. 32, Issue 12, pp. 7-20 (2003).

4. **R.Raju** P.Malliga M. Sai Annapurani, "Quality Culture in a repair & Maintenance Workshop - A case study", Industrial Engineering Journal, published by Indian Institution of Industrial Engineering. Vol. 32, Issue 6, pp. 11-13 (2003).

5. **R.Raju** K.Akshayalingam, "Energy Audit : A case Study in a Railway Workshop", Industrial Engineering Journal, published by Indian Institution of Industrial Engineering. Vol. 34, Issue 6, pp. 30-32 (2005).

6. **R.Raju** R.J Famin Bendict, " Liquid Loss in a cryogenic air separation plant using six-sigma methodology.", Industrial Engineering Journal, published by Indian Institution of Industrial Engineering. Vol. 36, Issue 2, pp. 42-45 (2006).

7. **R.Raju** K.Roopa Malini, "An Empirical Investigation to identify the predictors of job satisfaction in a government organisation", Industrial Engineering Journal, published by Indian Institution of Industrial Engineering. Vol. 35, Issue 9, pp. 16-18 (2006).

8. V Mahesh Kumar **R.Raju**, "A Study and analysis of Total Quality Management in a selected higher Education Institution : A Case study ", Industrial Engineering Journal, published by Indian Institution of Industrial Engineering. Vol. 35, Issue 5, pp. 32-36 (2006).

9. S.Rajkumar **R.Raju**, "A Framework of policy Management for Realizing the company vision", Industrial Engineering Journal, published by Indian Institution of Industrial Engineering. Vol. 36, Issue 10, pp. 15-18 (2007).

10. L. John Baruch, **R.Raju**, B. K. Raghunath, "Processing of Aluminium & Magnesium Composites- A review.", Engineering Today, published by Engineering Today. Issue 7, pp. 30 - 34 (2008).

11. V. Jaiganesh, **R.Raju**, "Minimize the variation in bore diameter of BG collar component using taguchi based MRSN Technique", Industrial Engineering Journal, published by Indian Institution of Industrial Engineering. Issue 5, pp. 31 -38 (2008).

12. V.Jai Ganesh **R.Raju**, "Optimization of wire electrical discharge machining (WEDM) process parameters using Desirability and factor analysis", Journal of manufacturing technology today, published by Journal of manufacturing technology today. pp. 17-22 (2008).

13. **R.Raju**, "A study and analysis of attrition in ITES Industry", Industrial Engineering Journal, published by Indian Institution of Industrial Engineering. pp. 15-18 (2009).

14. V. Jayakumar **R.Raju**, "Design of cellular manufacturing system under dynamic environment for an auto component manufacturing industry", Journ

15. R.Ramanujam **R.Raju**, "Optimization of multiple performance characteristics in turning Al-SiCp Metal matrix composites using weighted principal component analysis", Journal of manufacturing technology today, published by CMTI-India. pp. 3-10 (2010).

16. **R.Raju** D Srilakshmana Kumar, "Development of TQM FrameWork for financial sector in India", Industrial Engineering Journal, published by Indian Institution of Industrial Engineering. Vol. 2, Issue 22, pp. 14-20 (2011).

17. Babu Chellappachetty, **R.Raju**, "Analysing the Effect of Subsystems for Periodic Maintenance Inspection of Equipment using Delay Time Methodology to minimize the Down time per Unit time", Indian Journal of Science and Technology, published by Indian Journal of Science and Technology. Vol. 8, Issue 9, pp. 849 - 858 (2015).

PAPERS PRESENTED IN PROGRAMMES

Research Papers Presented in International Programmes : 13

Research Papers Presented in National Programmes : 2

1. R.Saravanan A.Baratheswara and **R.Raju** , "Drastic setup time reduction through Single Minute Exchange of Dies (SMED) approach – A case study. " presented in a International level conference on Exhibition of Emerging Challenges in Design and Manufacturing Technologies (ECHDEM 2007) , india .

2. R. Saravanan **R.Raju** , "Stocastic Natured Parallel; Hybrid Flow Shop Scheduling Problem with Commom Stages – A Case Study " presented in a International level conference on International Conference on Supply Chain Management and Information Systems , india .

3. R. Saravanan **R.Raju**, "A uniform Flow Natured Parallel Hybrid Flow Shop Scheduling Problem with Stochastic Processes – A Case Study " presented in a International level conference on International Conference on Fascinating Advancement in Mechanical Engineering , india .

4. R. Saravanan **R.Raju**, "Dispatch Rule at Intermediate Queues in a Hybrid Flow Shops Parallel Scheduling Problem " presented in a International level conference on International Conference on Advances in Industrial Engineering Applications , india .

5. V.Jayakumar **R.Raju** , "Machine cell formation in a Dynamic Production Environment using Simulated Annealing " presented in a International level conference on International Conference Automotive Materials & Manufacturing - 2010 , india .

6.**R.Raju** V.Mahesh Kumar, "A study and analysis of Total Quality Management in a selected Higher Education institution – A case study." presented in a International level conference on Product Development with Mechatronic system for Global Quality, india from 02-May-2005 to 03-May-2005.

7. V.Jayakumar G.Kalivarathan Dr.A.Vinayagamoorthy **R.Raju** , "Lean Manufacturing and value stream mapping: an overview " presented in a International level conference on ATHENAEUM '08 Second International conference on management research. , india from 15-Feb-2006 to 16-Feb-2006.

8. R.Saravanan A.Baratheswara and **R.Raju** , "Manufacturing excellence through single minute exchange of die (SMED) system – A case study " presented in a National level conference on NCETET '08 National conference on emerging trends in engineering and technology. , india from 04-Apr-2008 to 05-Apr-2008.

9. R.Saravanan A.Baratheswara and **R.Raju**, "Quality improvement through P- M analysis – A case study " presented in a National level conference on National conference on advancements in manufacturing and management systems. , india from 17-Apr-2008 to 17-Apr-2008.

10. V. Jayakumar **R.Raju**, "Some aspects of designing a dynamic cellular manufacturing system for deterministic and stochastic production requirements. " presented in a International level conference on International Conference on Fascinating Advancement in Mechanical Engineering (FAME2008) , india from 11-Dec-2008 to 13-Dec-2008.

11. V. Jayakumar **R.Raju** , "Total Quality Management In the Academy – A critical Assessment " presented in a International level conference on International conference on Emerging Research and Advances in Mechanical Engineering ERA2009 , india from 19-Mar-2009 to 21-Mar-2009.

12. **R.Raju**, "Development of Customized Lean Six Sigma Frame work for Ambulance Management System- Indian Scenario" presented in a International level conference on Global Illuminators Publishing, organised by TIMBER-2015, Thailand from 25-Mar-2015 to 26-Mar-2015.

13. Gowri Rajagopal and **R. Raju**, "A Multilevel Risk Breakdown Structure for Drilling Process Disruption Risk for Facilitating Risk Management" presented in a International level conference on Third International Conference on Advances in Industrial Engineering Applications, organised by Anna University, India from 03-Jan-2018 to 05-Jan-2018.

14. Ambika M. Raja, P. Mohamed Ali and **R. Raju**, "Influence of Quality Management Practices on Organizational Innovation – The Mediating Role of

Organizational Learning Culture" presented in a International level conference on Third International Conference on Advances in Industrial Engineering Applications, organised by Anna University, India from 03-Jan-2018 to 05-Jan-2018.

15. P.Mohamed Ali, R. Raju and Ambika M Raja, "Identification of Major Barriers to TQM Implementation in Manufacturing Organizations" presented in a International level conference on Third International Conference on Advances in Industrial Engineering Applications, organised by Anna University, India from 03-Jan-2018 to 05-Jan-2018.

BOOKS PUBLISHED

1."Total Quality Management" authored by Dr. R. Raju and Dr. V. Jayakumar and published by Lakshmi Publications, Chennai.(2009)

SPONSORED PROJECTS COMPLETED

1."Application of Industrial Engineering Techniques".. Project Cost: 25000.00.

PROGRAMME CHAIRED

1.Chairman, National level seminar titled "Building Technology Centre,CEG, Anna university " conducted by CHIEF GUEST from 25-May-2005 to 25-May-2005.

2.Chairman, International level conference titled "Trends in Multidisciplinary Business and Economic Research" conducted by TIMBER 2015 from 25-Mar-2015 to 26-Mar-2015.

3.Chairman, International level conference titled "Third International Conference on Advances in Industrial Engineering Application ICAIEA 2018" conducted by Anna University from 03-Jan-2018 to 05-Jan-2018.

PROGRAMME ATTENDED

1.Participated in a National level workshop on "Quality Control and Reliability Engineering" organized by Centre for faculty development Anna University, India from 07-Jun-2004 to 12-Jun-2004.

2.Participated in a National level workshop on "Quantitative techniques for Research in Engineering and Technology" organized by Centre for faculty development Anna University, India from 17-Jun-2004 to 18-Jun-2004.

3.Participated in a National level workshop on "AICTE short term training programme on trends in handling technologies (THAT)" organized by Indian Institute of Technology, Madras, India from 02-Jul-2004 to 03-Jul-2004.

4.Participated in a National level workshop on "AICTE-ISTE sponsored short term training programme on strategic quality improvement methods for zero defect" organized by Thiagarajar College of Engineering, Madurai, India from 06-Dec-2004 to 18-Dec-2004.

5. Participated in a National level workshop on "software quality and Reliability" organized by Centre for faculty development Anna University, India from 25-Nov-2005.
6. Participated in a "International conference on recent advances in materials and processing(RAMP- 2006) " , India from 15-Dec-2005 to 16-Dec-2005.
7. Participated in a National level workshop on "AICTE faculty development programme on fundamentals of Nano science and Technology" organized by Department of Physics, Anna University, India from 18-Jan-2007 to 31-Jan-2007.
8. Participated in a National level workshop on "Supply Chain Management" organized by Department of Industrial Engineering, Anna University, India from 24-Sep-2010 to 25-Sep-2010.
9. Participated in a National level workshop on "Multi- criteria Decision Making" organized by Department of Industrial Engineering, Anna University, India from 08-Oct-2010 to 09-Oct-2010.
10. Attended a National level seminar on "Issues in Preparing Research Thesis and Project Proposal" organized by Department of Industrial Engineering, Anna University, India from 16-Mar-2012 to 17-Mar-2012.
11. Participated in a National level workshop on "Application of Metaheuristics for Engineering Optimization" organized by Department of Industrial Engineering, Anna University, India from 20-Mar-2012 to 21-Mar-2012.
12. Participated in a International level conference on "Implementing Lean in A Small Scale Ice cream Manufacturing Industry" organized by Indra Ganesan College of Engineering, India from 11-Apr-2014 to 12-Apr-2014/p>
13. Participated in a International level conference on "Productivity Improvement in Shoe making Industry by using method study" organized by Indra Ganesan College of Engineering, India from 11-Apr-2014 to 12-Apr-2014.
14. Participated in a International level conference on "Impact of IT Infrastructure availability service level agreements and need for the service centric approach and analytics in healthcare" organized by Academic Science and Conference Info, India from 01-Mar-2015 to 01-Mar-2015.
15. Participated in a International level conference on "Implementation of Lean in Heavy Vehicle Assembly Plant" organized by Muthayammal College of Engineering, Rasi puram, Namakkal Dt, India from 05-Mar-2015 to 06-Mar-2015.
16. Participated in a International level conference on "Second International Conference On Engineering Technology and Science" organized by Anna University, India from 05-Mar-2015 to 06-Mar-2015.
17. Participated in a International level conference on "Defect Analysis in a Ballast Manufacturing Industry using Quality Tools" organized by Muthayammal College of Engineering, Rasi puram, Namakkal Dt, India from 05-Mar-2015 to 06-Mar-2015.

18. Participated in a International level conference on "Application of Classification Technique and sentiment Analysis Based Text Analytics to the patient Feedback Management System" organized by Academic Science and Conference Info, New Delhi, India from 17-May-2015 to 17-May-2015.

HONOURS

- 1."CAMTECH – BITS " given by BITS from India (1997).
- 2."Quality Culture Award" given by Quality Institute, NDLS (2002).
- 3."Best Paper" given by Institution of Industrial Engineering (2004).
- 4."Best Paper" given by Institution of Industrial Engineering (2007).

EXPERIENCE ABROAD

- 1.Visited Trends in Multi disciplinary Business and Economic Research, THAILAND from 25-Mar-2015 to 27-Mar-2015. Purpose of visit :conference.

INVITED LECTURES

- 1.Delivered a Lecture on "Production and Inventory Decisions" organized by AU-TVS centre for Quality Management, Anna Univers, Tamil Nadu (24-May-2007).
- 2.Delivered a Lecture on "Employer - Employee relationship" organized by Building Technology Centre, CEG, Anna University, Tamil Nadu (25-May-2007).
- 3.Delivered a Lecture on "Developing team work" organized by NIT Trichirappalli, Tamil Nadu (06-Oct-2007).
- 4.Delivered a Lecture on "Team Building" organized by Velammal College of Management and Computer Studie, Tamil Nadu (30-Apr-2008).
- 5.Delivered a Lecture on "Entrepreneurship awareness Programme" organized by Adhiparasakthi Engineering College, Melmaruvathur, Tamil Nadu (12-Mar-2009).
- 6.Delivered a Lecture on "Technical Symposium " organized by Dr. Pauls Engineering College, Tamil Nadu (13-Mar-2009).
- 7.Delivered a Lecture on "National Level Technical Seminar on Electronics and Communication Engineering" organized by IFET Engineering college, Villupuram, Tamil Nadu (18-Apr-2009).
- 8.Delivered a Lecture on "AKT Science- 10" organized by AKT Memorial College of Engineering and Technology, Tamil Nadu (10-Apr-2010).
- 9.Delivered a Lecture on "In Plant Training" organized by Sri Aravindar Engineering College, Sedarapet, Vanu, Tamil Nadu (03-Jul-2010).

10. Delivered a Lecture on "Seminar on "Knowledge Management"" organized by SKR Engineering College, Chennai-600 123, Tamil Nadu (17-Jul-2010).

11. Delivered a Lecture on "Technical Symposium on Mechanical Engineering "VALCONOZ-10"" organized by Kongunadu College of Engineering & Technology, Tamil Nadu (12-Aug-2010).

12. Delivered a Lecture on "Inaugural function of Mechanical Engineering Students Association(MESA)" organized by Surya Group of Institutions, School of Engineering, Tamil Nadu (23-Sep-2010).

13. Delivered a Lecture on "Recent Trends in Industrial Engineering as applied to Manufacturing , Service and allied sectors- IEMSA 2011" organized by Dayananda Sagar College of Engineering, Banagalore,(20-Oct-2011).

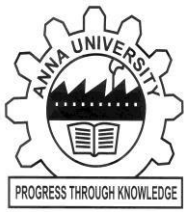
14. Delivered a Lecture on "APEX Steering Committee on Quality Circles " in Quality circle Annual Meet organized by IGCAR, Tamil Nadu (25-Aug-2014).

15. Delivered a Lecture on "Implementing quality concepts in technical engineering education in TQM perspective" in Guest Lecture for principals organized by Annamacharya Institute of Technology & Sciences, Tirupati (01-Aug-2015).

16. Delivered a Lecture on "Alumni Day Speech" in Alumni Day organized by P.T. Lee Chengalvaraya Naicker Polytechnic college, chennai (15-Aug-2015).

17. Delivered a Lecture on "Chief Guest Speech" in Independence day prize distribution ceremony organized by KCG College of Technology , chennai (25-Aug-2015).

18. Delivered a Lecture on "Chief Guest Address" in Graduation Day organized by AVC College of Engineering, Myladuthurai (13-Jan-2018).



1. **Name** **Dr.K.Annamalai**
2. **Age & Date of Birth** 45 & 13.05.1970
3. **Designation** Associate Professor
4. **Department** Automobile Engineering
5. **University** MIT, Anna University, Chennai - 44
6. **List of Publications**

International Journals				
Sl. no	Title	Author's Name	Name of the Publisher	Year
1	Effects of open combustion chamber geometries on the performance of pongamia biodiesel in a DI diesel engine	Jaichandar, S. and Annamalai K.	Fuel(Impact Factor: 4.059), Vol. 98, pp. 272-279,	2012
2	Influences of re-entrant combustion chamber geometry on the performance of Pongamia biodiesel in a DI diesel engine	Jaichandar, S. and Annamalai K.	Energy(Impact Factor: 3.651), Vol. 44, No. 1, pp. 633-640	2012
3	Combined effect of injection timing and combustion chamber geometry on the performance of a biodiesel fuelled diesel engine	Jaichandar, S. Senthilkumar, P. and Annamalai K.	Energy(Impact Factor: 3.651), Vol. 47, No. 1, pp. 388-394	2012
4	An Experimental Investigation into Chosen Parameters of Diesel-Water Emulsion on Combustion Processes	Pradeep kumar Arockiasamy Remigious, Annamalai Kandasamy & Premkartikkumar Selvi Ramajayam,	Journal of Chemistry(Impact Factor: 0.484.), Hindawi publishing corporation, Vol.34, pp. 1-6	2013
5	Performance Improvement On A Single Cylinder Diesel Engine Powered With Pongamia Biodiesel By Incorporating Swirling Grooves	J.Isaac Joshua Ramesh Lalvani, M. Parthasarathy, A.V. Arunkumar, K. Annamalai	Advanced Materials Research(Impact Factor: 0.7), Vol.768 , pp-199-205	2013
6	Comparison Of Performance	M.Parthasarathy, J. Isaac	Advanced Materials	2013

	And Emission Characteristic Of Tamuna, Mahua And Pongamia Biodiesel In A DI Diesel Engine	JoshuaRamesh Lalvani, B. Parthiban, K.Annamalai	Research(Impact Factor: 0.7), Vol.768, 2013, pp-218-225	
7	Biodiesels: an alternative renewable energy for next century	Prabhakar S. and Annamalai K.	Journal of Scientific & Industrial research(Impact Factor: 0.505), Vol.70, October, pp-875-878	2011
8	Hydrogen enriched compressed natural gas (HCNG) – a futuristic fuel for internal combustion engines	Nanthagopal K. and Annamalai K.	Thermal Science(Impact Factor: 1.45), Vol. 15, No. 4, pp. 1145-1154	2011
9	Experimental Investigation on Performance and Emission of Spark Ignited Ethanol Engine by Optimizing Spark Timing	Banugopan, VN & Annamalai K	EuropeanJournal of Scientific Research, (Impact Factor: 0.761), vol. 85, issue 1, pp. 16-25	2013
10	Adelfa – A futuristic Biodiesel Fuel for DI Diesel Engines A comparative experimental investigation	Pradeep kumar AR, Annamalai, K & Premkartikkumar, SR	Chinese Science Bulletin, (Impact factor : 1.321), Vol. 59, Issue 9, pp 924-930	2014
11	Effectiveness of oxygen enriched hydrogen-HHO gas addition on DI diesel engine performance, emission and combustion characteristics	Premkartikkumar S.R., Annamalai K. , Pradeepkumar A.R.	Thermal Science 2014 Volume 18, Issue 1, Pages: 259-268 doi:10.2298/TSCI121014078P	2014
National Journals				
10	Performance and exhaust emission analysis on pongamia biodiesel with different open combustion chambers in a DI diesel engine	Jaichandar, S. and Annamalai K.	Journal of Scientific & Industrial Research(Impact Factor: 0.505), Vol. 71, pp. 487-491	2012

11	Experimental study of using hybrid vegetable oil blends in diesel engine	Prabhakar S. and Annamalai K.	Journal of Scientific & Industrial research(Impact Factor: 0.505), Vol.71, September, pp-612-615	2012
12	Adelfa (NOME - Nerium Oil Methyl Ester) with DEE as the fuel additive for NOx reduction in DI Diesel engines – An experimental investigation	Pradeep kumar AR, Annamalai, K & Premkartikkumar, SR	Journal of Scientific & Industrial research(Impact Factor: 0.505), Vol.73, September, pp-627-632	2014

Accepted Papers

1. Premkartik kumar, SR, Annamalai, K & Pradeep kumar, AR, 'Impact of ambient air temperature and injection timing on reduction of engine out emissions of DI diesel engine operating under the influence of oxygen enriched hydrogen gas', International Journal of Oil, Gas and Coal Technology (Impact factor 0.44)
2. Premkartikkumar, SR, Annamalai, K & Pradeepkumar, AR, 'Significance of inlet air temperature on reducing engine-out emissions of DI diesel engine operating under the influence of oxygen enriched hydrogen gas', Iranian Journal of Science and Technology - Transactions of Mechanical Engineering (**Impact factor 0.4**)

International Conferences

1. Annamalai K. and Jeyachandran K., "Experimental Investigation on Control of Particulate Emissions using cera-fiber filter in a DI Diesel Engine", **ASME** Internal Combustion Engine Division 2004 Fall Technical Conference at, **Long Beach, California**, October 24-27, (2004).
2. Annamalai K. and Jeyachandran K., "Experimental Investigation on Control of Pollutants Emissions and Performance by using 2-Ethoxy Ethanol Blended Diesel in an Insulated DI Diesel Engine", International Mechanical Engineering Conference (**IMEC-2004**) at **Kuwait**, December 5-8, (2004).
3. Annamalai K. and Jeyachandran K., "Experimental Investigation on the Control of Particulate Emissions using cera-fiber filter in an insulated DI Diesel Engine", Green Tech -2005, Technical Conference held at Arunai Engineering College, Thiruvannamalai, India, January 5-6, (2005).
4. Annamalai K. and Nandagopal K., "Performance Evaluation of DI Diesel Engine Fuel by Waste Cooking Oil (Bio-Diesel) Emulsified With Diesel ", Bio-Fuels Vision -2015 (ICBFV-2015), International Conference held at **College of Engineering, Bikaner , Rajasthan** , India, October 13-15, (2006).

National Conferences

1. Annamalai K. and Jeyachandran K., " An Experimental Investigation on Control of Emission by using Di-Methyl Carbonate Blended Fuel in a LHR DI Diesel Engine", All India Conference on Advances in Mechanical Engineering , Held at **Sri Venkateshwara University , Tirupathi-517502**, August 20-21, (2004).
2. Annamalai K. and Jeyachandran K., "Experimental Investigation on Control of Emissions and Performance by using 2-Ethoxy Ethoxy Acetate in a LHR DI

Diesel Engine” , National Conference on Energy and Fuel Issues of Future (NCEFIE-2004), Held at **Pune Institute of Engineering and Technology**, Pune October 5-6,(2004).

3. Annamalai K., Mahalingam, Balasubramaniam K. and Jeyachandran K., “Effects of 2-Ethoxy Ethanol Blended Diesel on Pollutants Emission and Performance of a DI Diesel Engine” , National Conference on Application of Emerging Technology, held at Adhiyaman College of Engineering , Hosur - 635109, March 2-3, (2004).
4. Annamalai K. and Jeyachandran K., “Experimental Investigation on Control of Diesel Emission in a LHR Engine by using Ethyl Butyrate as Oxygenates in Diesel” , 19th National Conference on IC Engines and Combustion (**NCECIC-05**) , Held at Annamalai University , Chidambaram, December 21-23, (2005).

12. Details of Supervision/Research Guidance

Sl.No	Name	Registration No	Status	Mode
1	S. Prabhakar	2912239727	Awarded	Full Time
2	S.Jayaraj	2912239118	Awarded	Part Time
3	S. Jaichander	2914239114	Awarded	Part Time
4	V.N. Banugopan	2912239722	Awarded	Full Time
5	A.R. Pradeep Kumar	1014239736	Awarded	Part Time
6	S.R. Prem Karthik	1014239716	Awarded	Part Time
7	J. Isaac JoshuaRamesh Lalvani	1214239797	Awarded	Full Time
8	R. Vigneswaran	1114239711	Thesis submitted	Part Time
9	M. Parthasarathy	1213239800	Awarded	part Time
10	S. Karthikeyan	2914239119	Awarded	Part Time

11	S. Arularasu	1314239803	Confirmation	Part Time
12	S. Appu Raja	1412239715	Confirmation	Part Time
13	B. Dhinesh	1414239881	Awarded	Full Time
14.	S.Lingesan	1511539776	Awarded	Full Time
15	P.V. Elumalai	1514239765	Course work	Part Time
16	R.krishnamoorthy	17142391169	Thesis submitted	Full Time

12(i). Details of External Doctoral Committee Member

SL.No	Name	Registration No	Institution/University	Responsibility
1	Mr. A. Zahir Hussain	411912005	NIT, Tirichy	D.C. Member
2	Mr. S. Ananthakumar	1412279160	A.C. Tech., Karaikudi, (AU)	D.C. Member
3	Mr. R. Jayachandran	1113018	VIT, Vellore	D.C. Member
4	Mr. S. Krishna	091060	VIT, Vellore	D.C. Member
5	Mr. K. Nantha gopal	091091	VIT, Vellore	D.C. Member
6	Mr. S. Suseel Jai Krishnan	1315299113	S.A. Engg., college, (AU - CH)	D.C. Member
7	Mr. S. Saravanan	1313299266	S.A. Engg., college, (AU - CH)	D.C. Member
8	Mr. D. Magesh babu	1215299719	S.A. Engg., college, (AU - CH)	D.C. Member
9	Mr. K.S. Prabakar	1214299750	S.A. Engg., college, (AU - CH)	D.C. Member
10	Mr. K. Muralidharan	1315299824	RMK Engg. College, (AU - CH)	D.C. Member
11	Mr. S. Janakiraman	1314299757	RMK Engg. College, (AU - CH)	D.C. Member
12	Mr. Jayabalan	1212299761	RMK Engg. College, (AU - CH)	D.C. Member
13	Mr. N.S. Senthur	-	Hindustan University	D.C. Member
14	Mr. B. Prabakaran	-	Hindustan University	D.C. Member

15	Mr. J. Joshua Gnanasekaran	10970331027	Adhiyamaan college of Engg., Hosur.	D.C. Member
16	Mr. R. Karthigeyan	-	Adhiyamaan college of Engg., Hosur	D.C. Member
17	Mr. K. Venkatesan	1212239708	MIT, (AU - CH)	D.C. Member
18	Mr. G. Vairamuthu	1214289705	Sethu Institute of Technology, (AU)	D.C. Member
19	Mr. N. Ravichandran	2011172051	University college of Engg., Villupuram (AU - CH)	D.C. Member
20	Mr. S. Sivakumar	11220331103	Anna University coimbatore	D.C. Member

13. PROGRAMME ORGANISED

National conference on "RECENT TRENDS AND DEVELOPMENTS IN SUSTAINABLE GREEN TECHNOLOGY " conducted on 24 &25th of March 2015, MIT Campus, Anna University Chennai-44.

- "Automotive Electrical and Electronics" -10th to16th of June 2013.
- "Internal combustion engine laboratory classes" under TEQIP – 27th to29th of Sept 2007.

14. PROGRAMME CHAIRED

- Judge, National level conference titled "RECENT TRENDS IN AUTOMOBILE ENGINEERING" conducted by S. A. Engineering College, Poonamallee, Chennai on 09-Feb-2011.
- Chairman, National level conference titled "UNIVERSAL INNOVATIONS IN MECHANICAL ENGINEERING" conducted by K.S. Rangasamy College of Technology, Tiruchengode on 11-Feb-2011.
- Chairman, National level conference titled "EMERGING TRENDS IN MECHANICAL ENGINEERING" conducted by Nagarjuna College of Engineering & Technology. Bangalore on 04-May-2011.
- Chairman, National level conference titled "ADVANCES AND INNOVATIONS IN CIVIL AND MECHANICAL ENGINEERING" conducted by vel tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, CHENNAI on 17-Aug-2012.

- Chair Person, National conference Titled “ NEW ADVANCES IN MECHANICAL ENGINEERING SCIENCES” conducted by Sengunthar Engineering College, Tiruchengode on 07- April- 2011.

15. INVITED LECTURES

- Delivered a Lecture on "Technology Advancements in Automotive Engines" in Special Lecture organized by Kingston Engineering College, Katpadi, Vellore 632 059 (08-Sep-2010).
- Delivered a Lecture on "USE OF BIODIESEL IN IC ENGINES in Thermal Engineering” Guest Lecture organized by Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Eng, Avadi, Chennai (24-Aug-2012).
- Delivered a Lecture on "RECENT TRENDS IN IC ENGINES" in Resource person organized by Velammal Engineering college, Chennai - 600066 (02-Nov-2012).
- Delivered a Lecture on "AUTOMOBILE ENGINEERING" in Guest Lecture organized by Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Eng, Avadi, Chennai (15-Mar-2013).
 - Veltech University – Avadi Chennai-from Jan2013
 - Selvam college of Engg-Namakkal - from July 2013
 - Staff recruitment panel member – Affiliated to Anna university

DECLARATION

I hereby declare that all the information given above is true to the best of my knowledge and belief.

Place: Chennai

Yours Faithfully,

Date:

Dr. G. SARAVANAN

R-32, New No. R-1,
Elango Street,
M.M.D.A. Colony,
Arumbakkam,
Chennai – 600 106.
India

Tel: +91 44 23631512

Mobile: +91 9894655035

Email: drgsaravanan@yahoo.com
gsaravanan@cat.com

SUMMARY OF QUALIFICATIONS:

DEGREE	UNIVERSITY	YEAR OF COMPLETION
BE (Mech.)	University of Madras	1995
MBA	IGNOU, New Delhi	1999
Ph.D.	Anna University, Chennai	2015
DNYT (R.M.P.)	IBAM, Kolkata	2016

PROFESSIONAL EXPERIENCE SUMMARY: (Reverse chronology)

- 1. Caterpillar India Pvt Ltd., Thiruvallur** July 2019 – Present
Position: **NPI Manager – Earthmoving India Division**

Leading India Strategy Execution and NPI programs for Earthmoving products supporting Motor Graders, Medium Wheel Loaders, Paving and SEM products.

- 2. Vector Hydraulics Pvt. Ltd. (CAT- Polyhose JV)** May 2016 – June 2019
Position: **Facility Manager**

Leading the facility in ensuring end-to-end business operations and to continuously improve the business & customer base by delivering world class components with highest quality and competitive cost.

- 3. Caterpillar India Pvt Ltd., Thiruvallur** July 2013 – April 2016
Position: **Group Manager – HEX, OHT & Lower Powertrain Operations**

Leading the transformation of Caterpillar India Operations by stabilizing the production with required level of quality to meet business goals in Trucks, Excavators and Axle Assemblies.

- 4. Caterpillar India Pvt Ltd., Thiruvallur** Apr 2008 – June 2013
Position: **NPI Program Manager & 6 Sigma/CPS Black Belt – Growth Markets – QCT**

Responsible for executing the NPI programs for Off-Highway Trucks by developing, maintaining, and managing OHT NPI program schedules through 6 Sigma methodology.

- 5. Caterpillar India Pvt Ltd., Thiruvallur** Jan 1997 – Mar 2008
(Formerly Hindustan Motors - Earthmoving Equipment Division)
Position: **Quality Supervisor – Quality Technical Support**

Leading a team of quality professionals in inspection, testing and auditing

of mining and construction equipments.

6. Sathya Auto Accessories, Chennai

Oct 1995 – Dec 1996

Position: **Quality System Engineer**

Responsible for development of quality system in the organization to the requirements of ISO 9002:1994

PROFESSIONAL TRAINING:

- a. Certified **6 Sigma Black Belt** & 6 Sigma Green Belt in DMAIC and DMEDI methodology
- b. Qualified **CPS Black Belt**
- c. “Statistical Techniques for Quality Improvement” conducted by ISI, Chennai.
- d. “Internal Quality Auditing and Quality cost evaluation” conducted by ISI, Chennai.
- e. “Machine Electronics” conducted by Caterpillar Asia Pacific Learning Centre, Singapore.
- f. “Certified Internal Quality Auditor” for ISO 9001:2008, conducted by DNV As

PROFESSIONAL MEMBERSHIP:

- a. **Professional Engineer (License)** – Engineering Council of India, New Delhi
- b. **Chartered Engineer (License)** – The Institution of Engineers (India)
- c. **Fellow** – The Institution of Engineers (India)
- d. Member – Society for Automotive Engineers, USA (SAE)
- e. Member – American Society of Mechanical Engineers (ASME)
- f. Associate Member – American Society for Quality (ASQ)
- g. Member – Institute of Electrical and Electronics Engineers (IEEE)
- h. Member – The Institution of Engineering and Technology (IET), UK
- i. Life Member – National Institution for Quality and Reliability (NIQR)
- j. **Life Fellow** – Indian Institution of Plant Engineers (IIPE)
- k. Individual Life Member – Quality Council Forum of India (QCFI)

I. **Fellow** – Indian Institution of Technical Arbitrators (IITArb)

RESEARCH PAPERS PUBLISHED:

Published Research papers in 14 International Journals with Impact Factor on 6 Sigma, New Product Introduction, Competitive Benchmarking and Caterpillar Production System.

PATENTS:

- a. Awarded **PATENT** from U.S. for designing and developing a new process for mounting body assembly in Caterpillar 770G/772G Off Highway Truck.
- b. Awarded **PATENT** from U.S. for designing and developing Control Assembly for Unmanned testing of Caterpillar 320D2 Hydraulic Excavator.

SOCIAL ACTIVITIES:

- a. **President** 2017-18 – Rotary Club of Royapettah, Chennai
- b. **Trustee** – Vizhuthuhal Charitable Trust, Chennai
- c. **Trustee** – Sacrifice 1 Pizza Welfare Trust, Chennai
- d. **Trustee & Secretary** – Rotary Club of Royapettah Public Charitable Trust, Chennai
- e. **PRESS Reporter**– “Health Sciences” Journal, Kolkata (Regn. No. 5548 – 1773)
- f. **PRESS Reporter**– “Hello City” Newspaper & Web TV, Chennai (Regn. No.012)

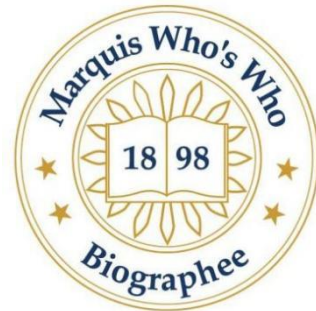
HONOURS:

- Awarded ‘**The Best Citizens of India 2005**’ by ‘The International Publishing House’, world’s leading biographical specialists.
- Selected for **LIFETIME** inclusion of biography in the Yearly Editions of Marquis ‘**Who’s Who in the World**’, which is the most comprehensive biographical directory of notable individuals from around the world whose achievements and successes are worthy of recognition.
- Selected for inclusion of biography in the Fourth Edition of ‘**Great Minds of the 21st Century**’ of American Biographical Institute, Inc., a major reference directory of the world’s top thinkers, intellectuals and accomplished men and women across the globe.
- Selected for inclusion in 2009/2010 Edition of ‘**2000 Outstanding Intellectuals of the 21st Century**’ & ‘**TOP 100 ENGINEERS 2009**’ published by International Biographical Centre, Cambridge, England.
- Awarded ‘**21st Century Award for Excellence**’ in recognition of my contribution to the field of Engineering by International Biographical Centre, Cambridge, England.

- Awarded as '**International Educator of the Year 2009**' in recognition of my contribution and leadership in the field of teaching and education by International Biographical Centre, Cambridge, England.
- Winner of the **Caterpillar Young Philanthropist Service Award 2013, Caterpillar Inc., USA.**
- Awarded with **Caterpillar Diversity & Inclusion Excellence Award 2018** for Innovation in Mentoring by **Caterpillar Inc., USA**
- Awarded with **Vocational Service Award for 2013-14 by Rotary International, RI Dist. 3230** for conducting various programs in colleges, schools and corporates and creating awareness and enlightening students and employees.
- Awarded with **Rotary Avenues of Service Citation** by **Rotary International, U.S.A.** signed by Rotary International President, for consistently demonstrating support towards fulfilling the objectives of Rotary through participation in Service activities in all Avenues of Service.
- Awarded with **Best Secretary Award** for 2014-15 by **Rotary International District 3230** for outstanding contribution to the club and district in the capacity of club Secretary.
- Bestowed with record **12 Awards from Rotary International District 3232** for exemplary activities carried out in my **Presidential Year 2017-18** for Rotary Club of Royapettah which include **3 Meritorious Awards and Best Overall Club Award – Bronze.**
- Bestowed with the prestigious **Presidential Citation for 2017-18** for Rotary Club of Royapettah from **Rotary International, USA.**
- Awarded with **SAEISS Engineer of the year Award** for 2016 by *SAEINDIA, Southern Section.*
- Consultant for providing frequent **Guest Lectures** to Engineering College Students on 6 Sigma, CPS Methodology, 5S, Lean, Supply Chain Management, New product Development, Time Management, Career Guidance & Interview Readiness, Communication and Presentation Skills. Regular consultant for Prathyusha Engineering College, SRM University, Velammal Engineering College, VIT University, Rajalakshmi Engineering College, SAEINDIA, IPE, Anna University & Great Lakes Institute of Management.
- **SAEINDIA Panel Judge** for various events of Tier II and Tier III Student Conventions conducted every year.

- Appointed by the **Vice-Chancellor of Anna University**, Chennai in December 2018 as a **Member of the Syllabus Sub Committee** to finalize the Curricula and Syllabi for the **B.E. Manufacturing Engineering** program offered under **R-2019 by the University Departments of Anna University**, under the Faculty of Mechanical Engineering.
- **Member** in the **Board of Studies** in the Department of Mechanical Engineering of IFET College of Engineering, Villupuram.
- **Co-opted Member** of Industry-Institution Partnership Forum of Prathyusha Engineering College to bridge the gap between industry and institution in various avenues.
- **Governing Council Member** of S.A. Engineering College and S.A. College of Arts and Science, Chennai for Industry-Institution partnership.
- **Adjunct Faculty** in Saveetha University for Mechanical and Automobile Engineering departments.
- **AICTE – CII** - Industry Expert Member to ascertain Industry-Institution Linkages by auditing and reporting.
- **Internal Quality Assurance Cell (IQAC) member** of Prathyusha Engineering College in accordance with the recommendations of NAAC Committee to facilitate the creation of learner-centric environment conducive to Quality Education for the students and faculty.
- **Corporate Trainer** on 6 Sigma methodology, FMEA, Quality Engineering functions for the UG students of Anna University as part of CUIC-AQIP program.
- **Review Member** of International Journal of Automobile Engineering published by SAGE and Journal of Engineering Manufacture – ScholarOne Manuscript. **ORCID ID: 0000 0002 2798 986**
- **Industry Sub-Committee Member** of Quality Council Forum of India (**QCFI**), Chennai Chapter.
- **Executive Committee Member** of The Institution of Engineers (India), Tiruvallur Local Centre
- **Executive Committee Member** of Indian Institution of Plant Engineers, Tamilnadu Chapter and **Convenor** of **Board of Studies (BoS)** of IIPE
- **Founder Member** of Fellowship of Learning and Development Loving Rotarians (**FLDLR**), Rotary International, RI District 3230.

- Elected as **Member of International Fellowship of Rotarian Doctors (IFRD)** from USA and **International Total Quality Management Rotarians Fellowship (ITQM-RF)** from Italy.
- **SAEINDIA Engineer of the Year Award 2015-16** constituted by *SAEINDIA Foundation*, to honor my contributions towards promotion of SAEINDIA activities in India. Received the National Award in person from Mr. Cuneyt L. Oge, President - SAE International, at a function at New Delhi.
- Awarded with “**Abraham Lincoln Excellence Award**” for **Excellence in Educational Leadership, Community Development and Social Responsibility** by The **International Peace Council USA**, a registered organization in US aiming towards building peace & harmony and working with the community leaders from around the world through various programs that aim to promote peaceful existence.



V MARIA ANTONY

Mobile: +91-9176681441 / E-Mail: vantoo@rediffmail.com

JOB OBJECTIVE

In quest of senior level assignments in Production Assembly / Project Management / Process Engineering, preferably in Automotive / Auto Ancillary industry

PROFILE SUMMARY

An accomplished professional with nearly 23 years of experience in Vehicle Assembly, Production, Quality Management, Project Management and Process Engineering. Currently associated with Renault - Nissan Automotive India Pvt. Ltd. (RNAIPL), Chennai as DGM. Well versed with making use of QC Tools. Skilled in developing quality assurance & inspection plans for various components of line assembly. Gained expertise in conducting process & product quality audits and controlling line assembly & testing processes. Proficient in coordinating with various departments for ensuring the accomplishment of production targets.

Capability in managing & governing overall production activities with a view to improve the quality parameters and processes. Adroit in assessing work orders, production schedules and other records & reports to determine the requirements. Adept in handling process improvement and quality related activities involving resource planning, in-process inspection and co-ordination with internal departments. Deft at handling complete project operations entailing planning, resource utilization and manpower management. Possess sound people management, planning & motivation skills.

CORE COMPETENCIES

Assembly Line Activities:

- Undertaking the Daily production volume in terms of SQCT ,reduction of line-rejection rate, rework & other costs using statistical approaches Using 7QC tools by the effective utilization of 4M's .
- Implementing corrective & preventive actions to resolve problems related to Engine & Vehicle Assembly line by using APW standards by effective utilization of QRQC.

Process Engineering:

- Managing various process improvement activities through various quality management systems
- Enhancing production process operations, optimizing resource utilization and escalating operational efficiencies

Project Management:

- Supervising project related tasks including planning, control & troubleshooting for achieving the planned periodic schedules and process control from stamping ,Body ,Paint ,plastics ,Trim & Chassis
- Maintaining and ensuring stringent adherence to quality standards and norms & practices of the projects, identifying gaps and taking corrective action
- Handled 3 Projects (2 RENAULT & 1NISSAN) successfully from Plant side as overall window person from planning stage to Delivery with all CFT members

Quality Assurance :

- Taking care of overall Vehicle Quality Assurance (VQA) in terms of Final Line inspection in various areas like CS Line /Tester/hose/dynamic and 3MIS
- Overall plant in charge for the ABM Plant ranking within Alliance group and supported for getting the most improved plant award in last 2 consecutive years
- Co ordinator for the PHC (Plant Health Check up) and acted as Astronaut for the same
- Special Challenging Task given by top management for the IQS & QCS achievement by focusing on elimination of the Squeak & rattle noise issues even V3 level

ORGANIZATIONAL EXPERIENCE – Current

Jan'09-till date with Renault - Nissan Automotive India Pvt. Ltd. (RNAIPL), Chennai as DGM –Deputy General Manager –Overall 12 Years completed

Overall Experience in RENAULT NISSAN -12 years Details

- Assembly – 7.5 Years
- Overall Plant New Projects Handling Manufacturing side -1.5year
- Plant QRQC (Quick response Quality control) -1 year
- VQA (Vehicle Quality Assurance -2018 onwards till date)

Responsibilities:

- Ensuring continuous improvement of productivity by introducing new Kaizens in Vehicle Assembly Line
- Supervising tools - Direct , Indirect & consumable materials in line
- Inducing the workforce to reduce cost /car by conducting regular Energy Saving Audits
- Performing regular safety audits as part of SES in the shop floor to identify A, B & C grade items along with Safety Team, thereby initiating proactive countermeasure
- Handling quality, cost, productivity & safety with strategic planning and conducting follow-up by effective utilization of GK & DRM
- Managing budgeting for capital & revenue of the department and controlling expenditure as per budget

Highlights:

- Successfully led, mentored & directed the total work force for achieving the planned volume with set major plant KPIs like OEE, DPHU, SAVES, GK, D-STAR, SSAR & DSTR

- Liaised with other supporting teams like Process & Product Engineering for the launch of New Model in terms of facilities for smooth SOP
- Launched 11 models in 4 years by coordinating the Total Plant Vehicle Production Project Team in Stamping, Body, Paint, Assembly, Trim, Chassis & VQA to conduct ET, PT1 & PT2 trials for successful launch of SOP
- Acknowledged as a leader for the Plant QRQC Team and involved in driving the total team to resolve the final vehicle chronicle issues in all areas like Static Tester, Shower & Dynamic Inspection
- Ensured DSTR control by way of proper line balancing & motivating the member to initiate more KAIZENS at workstations with 4 principles of Motion's Economy
- Proficiently implemented the Kitting System in logistics for multi-model feeding with more number of specs and reduced lot of space, both at line side & for in-house logistics
- Encouraged the team to do more cost saving Kaizen in the areas like Sealant Usage, Oil Filling and VEP Cable Usage
- Served as:
 - Overall Vehicle Assembly Shop Head and ensured plant productivity, quality & delivery in a safe environment by directing 980 members in APW
 - New Projects Coordinator for SQCT & overall Plant QRQC Head to drive the plant with the help of supporting functions (Renault -Nissan, Chennai)
- Acted as Coordinator for Total Plant TPM & TQM Implementation at outset and bagged TQM Demings Award for the plant (REVL at Chennai)
- Effectively maintained quality productivity & delivery within the parameters and attained daily volumes
- Adeptly ensured zero accidents

Sep'02-Dec'08 with Hyundai Motor India Ltd., Chennai as Deputy Manager - Production (Overall 6.3 Years) – Second Organization

Responsibilities:

- Executed more POKA YOKAs at line side to avoid spec errors & ensured sequence supply of material for better line balancing
- Coordinated all the vehicle quality checks by implementing process change in the final vehicle management and improved the delivery of final vehicles
- Directed the team to work towards reducing the cost /car by reducing, reusing & recycling the parts by fixing the set targets to the zone members
- Involved in operating the 2 shift operations

Highlights:

- Acted as Production Section Head in Phase II Line Project for New Line Establishment and introduced 3 models from single shift to 3 shifts operations
- Successfully built the team to create & write the SOS and handled job allocation to perform the job in a standard way for all cycles
- Established a closed paint booth for creating dust free environment in the final line to increase the output
- Significantly increased the line UPH from 40 to 55 without additional major investment in the main line
- Capably led the CFT Improvement Team to resolve the repeated plant quality issues
- Proficiently balanced the line to achieve the OEE of 97% by optimum utilization of all 4Ms

- Bagged Best Employee Award for reducing Body defects in PDI

PREVIOUS EXPERIENCE -First Organization

Jun'97-Sep'02 with Rane Engine Valves Ltd. (REVL), Chennai as Senior Engineer (Overall 5.3years)

Highlights:

- Acknowledge as specialist in Lean Production System
- Significantly implemented Cellular Manufacturing in Forging, Heat Treatment & Machining

EDUCATION

2007	MBA (HR & Marketing) from LIBA, (Loyola Institute of Business Administration) Chennai
1997	B.Tech. (Automobile Engineering) from Madras Institute of Technology, Chennai (Anna University)
1993	B.Sc. from St.Xavier's College ,Tirunelveli

TRAININGS UNDERGONE

- In-House Training at REID for Employee Empowerment - both Technical & Managerial Skills (2 months)
- TPM & TQM Training conducted by YAMAGUCHI
- CNC Training (In-Plant) at REVL
- Technical Training at South Korea Namyang R&D Centre
- DNA Training at Nissan Sunderland Plant, UK (3 months)
- Process Training at Nissan JAMA, OPPAMA & KHYSHU Plant in JAPAN (3 times-30days)
- Process Benchmarking Training at DFL Plant, China (15 days)
- New project training in Tangier at Morrocco - (15 days)
- Attended IIM 'B' training through HPP candidate entry 'INDIA LEADERSHIP SKILLS'- 9 days and achieved the best project award
- Participated International RENAULT Quality seminar both SPAIN & FRANCE (5 days)

ACADEMIC & PERSONNEL ACCOLADES

- Acknowledged as centum in Mathematics in Class X & topper in B.Sc. (Mathematics)
- Received Best Athletics Awards
- Member in St. Xavier's & Anna University Basketball team
- ABM ranking achievement Award in 3MIS for the best contribution

EXTRAMURAL ENGAGEMENTS

- Involved in CSR activities through an orphanage (Child Care Centre & Nanmankalam, Chennai)

PERSONAL DETAILS

Date of Birth: 24th May, 1973
Address: Plot No. 1B, Godavari Street, Muthusamy Nagar,
Nemilichery, Chromepet, Chennai - 600044,
Tamil Nadu
Languages Known: English & Tamil

Dr. P. Mohamed Ali

#76, 'T'Block, 3rd Main Road, Anna Nagar, Chennai-600 040, India

Tel.: 0091 44 45500271 (Res.) 0091 9791005798 (Mob)

Email: pmdali@yahoo.com

**Objectives**

A challenging professional career in a success oriented organization which will provide a suitable platform to utilize my skills and competencies in a mutually beneficial environment.

Educational Qualifications

- ◆ Doctor of Philosophy (Ph.D) in Mechanical Engineering from CEG Campus – Anna University, Chennai.
- ◆ Master of Engineering (M. E.) in Mechanical Engineering – Production Engineering from PSG College of Technology, (University of Madras) in 1983.
- ◆ Bachelor of Technology (B. Tech.) in Automobile Engineering from Madras Institute of Technology (MIT),-Anna University, Chennai in 1981.
- ◆ Bachelor of Science (B. Sc.) from University of Madras in 1978.

Additional Qualifications

- ◆ Passed 'Certified Quality & Reliability Engineer' Examination Conducted by Indian Association for Quality and Reliability in June 1987.
- ◆ Successfully completed 'Business Excellence Award Assessor's Course' conducted by the Abu Dhabi Chamber of Commerce and Industry in collaboration with the British Quality Foundation (BQF) and European Foundation for Quality Management (EFQM).
- ◆ Successfully Completed Internal Auditor Training Course Conducted by TQMI (P) Ltd. Course No.R459 Registered by International Register of Certificate Auditors, U.K.

Professional Training

- ◆ Total Quality Management courses conducted by Tata Engineering and Locomotive Company Ltd. (TELCO), Jamshedpur and Tractors and Farm Equipment Limited (TAFE), Chennai, India.
- ◆ Statistical Quality Control courses conducted by Indian Statistical Institute, Chennai, India.
- ◆ ISO – 14000 & OHSAS - 18000 training program conducted by RWTUV & Intertek.
- ◆ Value Engineering Course conducted by Indian Value Engineering Society, Eastern Zonal Chapter, Jamshedpur, India.
- ◆ Computer Training Courses conducted by Technical society of Tata Engineering and Locomotive Company Ltd, Jamshedpur, India, APTECH Computer Education Centre Abu Dhabi, U.A.E. & Emirates Computers Establishment, Abu Dhabi, U.A.E.

Recognitions

- ◆ Nominated by Anna University as an Advisory Committee Member for setting up the Ergonomic Laboratory at Madras Institute of Technology Campus, Chennai, India.
- ◆ Recipient of National Merit Scholarship at the secondary stage.
- ◆ Nominated by the Abu Dhabi Chamber of Commerce and Industry as a Senior Assessor for the Excellence Award assessment process.
- ◆ Was faculty member for the Automobile Engineering Courses & Statistical Quality / Process Control Program conducted by TELCO Management Training Centre, Jamshedpur.
- ◆ Trainer for the Quality Management System / Quality Improvement Programs conducted for in-house employees in Tractors and Farm Equipment Limited (TAFE), Chennai.
- ◆ Commended for excellence in performance, diligence and dedication on numerous occasions.

Profile

- Practical experience as a senior faculty and head of the department in a reputed engineering colleges.
- Exposure to research oriented activities.
- Extensive experience in manufacturing processes / testing of auto components / aggregates (including engines, gearboxes, etc.) vehicle final inspection / Testing,
- Vast exposure to statistical quality / process control techniques including Six Sigma, Lean Manufacturing, Kaizen, FMEA, QC tools, In-process Audits, etc.,
- Practical experience as trainer for the in-house training programs in various organizations.
- Good exposure in implementing and monitoring the quality improvement programs in educational institutions.
- Excellent interpersonal communication skill and team management skills.
- Capable of handling any amount of work pressure.
- Fast learner with demonstrated ability to quickly grasp new ideas, concepts, methods and technology.
- Vast exposure to Total Quality Management system and ISO – 9000/TS16949 QMS, etc.,.
- Practical experience in IT administration & IT related projects implementation as Head of Group IT Division.
- Good exposure to Business Excellence Model including preparation / implementation of business objectives, strategies and policies.
- Demonstrated ability to identify and positively influence individual and organizational behavior to achieve broader policy objectives and prospects.

Precis of Experience

Over 26 years of experience as Engineer / Manager / General Manager in leading /reputed organizations including Tata Engineering and Locomotive Company Ltd. (currently known as TATA MOTORS LIMITED) - Jamshedpur, Tractors & Farm Equipment Limited (TAFE) - Chennai, TVS - Sundram Fasteners Limited - Chennai and Universal Group of Companies - Abu Dhabi (UAE), 11½ years of experience as Professor – Mechanical Engineering in reputed self financing engineering colleges and 3 years of experience as Consultant in Mitsubishi Elevator ETA India Private Limited.

Extensive experience and vast exposures in the following areas:

- Establishing laboratories and infrastructure facilities for the department.
- Arranging guest lectures, industrial visits, trainings, etc., and guiding projects for students.
- Participated and presented paper in international conferences.
- Teaching mechanical/automobile engineering subjects.
- Monitoring and controlling production processes in accordance with quality plans and documented procedures.
- Preparing quality manuals, operating procedures, quality plans, method statements, inspection test plans, check lists, acceptance criteria, etc.,
- Training the staff on products & quality related activities.
- Implementing and monitoring the quality improvement programs in educational institutions.
- Establishing statistical process control techniques to monitor manufacturing quality.
- Monitoring customers complaints / feedback and implementing the necessary corrective / preventive actions that meet customer needs & expectations.

- Following up feedback on new product introduction / implementation and providing feedback to management.
- Vendor development through technical assistance/training aids and monitoring vendor rating.
- Establishing objectives with measurable targets to improve operational performance.
- Monitoring / controlling inspection, testing and sampling raw materials and processed products.
- Establishing / monitoring improvement projects.
- Organizing and conducting management review meetings and internal quality audits.
- Establishing / streamlining new initiatives / operations.
- Implementating & monitoring I.T. related projects & activities.
- ISO 9000 / TQM system implementation / certification audits.
- Coordinating and leading the team in new projects.

Employment History

July 1983 to May 1990

Engineer (QA/QC) / Senior Engineer (QA/QC)
 Auto / Engine Division
 Tata Engineering and Locomotive Co. Ltd.
 Jamshedpur
 (Currently known as TATA MOTORS LIMITED)

June 1990 to September 1994

Assistant Manager (QA/QC) / Deputy Manager (QA/QC)
 Tractors and Farm Equipment Ltd. (TAFE)
 Chennai.

November 1994 to November 1996

Sales / Service Engineer and Head of Automobile Division

Bin Sagar Group

Abu Dhabi, U.A.E.
 {Dealer for the TATA Vehicles in the Emirate of Abu Dhabi}

December 1996 to July 1998

Senior Engineer (QA/QC)
 Emirates Technical Associates (ETA)
 Abu Dhabi, U.A.E.
 {Electromechanical Division of ETA – ASCON Group of Companies}

August 1998 to May 2007

Group Quality Manager and Head of Group IT Division
 Universal Group of Companies
 Abu Dhabi, U.A.E

May 2007 to February 2008

General Manager – Quality and R&D
 Alpump Limited (A member of the Amalgamation Group)
 Chennai

February 2008 to August 2009

Deputy General Manager – Quality

TVS - Sundram Fasteners Limited – Autolec Division
Chennai

September 2009 to Present
Professor – Department of Mechanical Engineering
(In reputed self financing engineering colleges
Chennai
From Feb 2012 to till date
In Prathyusha Engineering College, Thiruvallur)

Languages Known: English, Hindi and Tamil.

Date of birth: 07 April 1955.

* * * * *



RESUME

V.JAYASEELAN,
1/485, Neela ganapthy garden,
VGV Nagar, Kannapalayam,
Kamarajnagar post,
Avadi
Chennai-71.
Mobile Number: 9080134658

Google scholar link: <https://scholar.google.co.in/citations?user=wjzLGhsAAAAJ&hl=en>

Scopus link: <https://www.scopus.com/authid/detail.uri?authorId=55486891600>

h-index 7 (as on January 2021)

Objective: Seeking a challenging career to utilize my skills and abilities in the field of education that offers Professional growth while being resourceful, innovative and Flexible.

PERSONAL DATA :

Date of Birth : 23.07.1978
Gender : Male
Age : 42 Years
Nationality : Indian
Languages Known : Tamil and English
Father's name : Mr. A.Veerasundaram
Permanent Address : 2/102, S K S Nagar,
Kurinjipadi (Taulk and Post)
Cuddalore (District),
Tamilnadu.
Pin code: 607 302.
E-Mail ID : [**jaiseelanv@gmail.com**](mailto:jaiseelanv@gmail.com)

ACADEMIC PROFILE :

S.No	Degree	Institution/College	Year of	Class/CGPA
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			Completion	
1	PhD	Anna University	2013	Commanded
2	M E (Production)	Annamalai University	December 2002	8.25 (Distinction)
3	B E (Mechanical)	V R S College of Engineering and Technology, Villupuram.	April 1999	64.53
4	HSC	SKV Higher Secondary School Kurinjipadi.	April 1995	71.3
5	SSLC	SKV Higher Secondary School Kurinjipadi.	April 1993	74.8

PROFESSIONAL EXPERIENCE :

S.No	College/Industry	Designation	Period of service		Duration	
			From	To	Years	Months
1	Prathyusha Engineering college	Professor	26.6.13	Till date	7	7
2	Asan memorial College of Engineering &Tech.,	Lecturer	18.10.06	15.5.09	2	7
3	Annai Teresa College of Engineering (ATCE), Villupuram.	Assistant Professor	June 2006	Oct 2006	--	4
4	ATCE, Villupuram.	Lecturer	March 2003	June 2006	3	3
5	ATCE, Villupuram.	Lecturer	January 2000	July 2001	1	6
			Total		15	3

Totally 15 Years and 3 Months in Teaching

SOFTWARE PROFICIENCY :

Auto CAD, ABAQUS 6.10.1.

SUBJECT TAUGHT AT UNDER GRADUATE LEVEL :

- a) Manufacturing Technology- I & II
- b) Engineering Graphics
- c) Machine Tools
- d) Strength of Materials
- e) Process Planning and Cost Estimation
- f) Production Technology
- g) Kinematics of Machinery

National and International Journals :

S.No.	National and International Journals	paper title	VOLUME, ISSUE, PAGE NO.	Year
1	Advanced Materials Research	Influence of Friction Factor on Extrusion Process	Vols. 622-623 pp 457-460	2013
2	Procedia Engineering	Lubrication Effect on Friction Factor of AA6063 in Forward Extrusion Process	pp. 166-171	2014
3	Applied Mechanics and Materials	Formability Analysis of AA6061 Sheet in T6 Condition	Vols 766-767 pp 416-421	2015
4	International Journal of Applied Engineering Research	Multi-response Optimization of Cutting Parameters During End-milling of AA6101 T6 Aluminium Alloy Using Grey Relational Analysis	Volume 10, pp. 4275-4286	2015
5	Procedia computer science	On the technologies empowering drones for intelligent monitoring of solar photovoltaic power plants	585-593	2018
6	Silicon	Low velocity impact and mechanical behaviour of shot blasted SiC Wire-Mesh and Silane-treated aloevera/hemp/flax-reinforced SiC Whisker modified epoxy resin composites	1-10	2019
7	Materials Research Express	Role of silanized magnetic Fe ₂ O ₃ particle in heat dissipation and microwave shielding behavior of E-glass fibre-reinforced epoxy resin composite	076113	2019
8	Silicon	Effect of silicon coupling grafted ferric oxide and e-glass fibre in thermal stability, wear and tensile fatigue behaviour of epoxy hybrid composite	1-12	2019
9	Materials Today: Proceedings	Role of Calcium Carbonate (CaCO ₃) in improving wear resistance of Polypropylene (PP) components used in automobiles	1363-1371	2019
10	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Experimental performance investigation of Partially Stabilized Zirconia coated low heat rejection diesel engine with waste plastic oil as a fuel	1-14	2019
11	Case Studies in	High temperature	100479	2019

	Thermal Engineering	superplasticity and its deformation mechanism of AA6063/SiCp		
12	Results in Physics	Experimental investigation on bi-axial superplastic forming characteristics of AA6063/SiCp with various percentages of SiCp under various temperatures and pressures	15, 102624	2020
13	Materials Today: Proceedings	Effect of ceramic coating on the performance, emission, and combustion characteristics of ethanol DI diesel engine		2020
14	Chinese Journal of Chemical Engineering	A review of conventional and renewable biodiesel production	15, 20	2020
15	Journal of Materials Research and Technology	Acoustic and mechanical characterization of polypropylene composites reinforced by natural fibers for automotive applications	14029-14035	2020
16	Silicon	Optimization of SiC Abrasive Parameters on Machining of Ti-6Al-4V Alloy in AJM Using Taguchi-Grey Relational Method	1-8	2020
17	Heat Transfer	Thermal performance of U-shaped serpentine microchannel heat sink using various metal oxide nanofluids	In press	2021
18	Oil & Gas Science and Technology– Revue d'IFP Energies nouvelles	Biodiesel and green diesel generation: an overview	76,6	2021

National and International Conferences:

- [1] “Extrusion characterizes of Al/SiC by stir casting and Powder metallurgy”, National conference on recent advances in manufacturing technology and management (RAMTM2010), Jadavpur University, Kolkata, February 19-20, 2010.
- [2] “Performance characteristics of Al/SiC composite by extrusion process”, International Conference on Recent Trends in Mechanical Engineering (INCRAME2011), Dr.M.G.R University, Chennai, India, April 21-22, 2011.
- [3] “Size effects in forward extrusion process”, National Conference on Design and Manufacturing (NaConDM2011), IITD&M, Kanchipuram, IIT Madras Campus, Chennai, India, May 27-28, 2011.

- [4] “Influence of Friction Factor on Extrusion Process” International conference on manufacturing science and technology (ICMST21012), New Delhi, August 18-19, 2012.
- [5] “Influence of lubricant and temperature on friction factor in the extrusion process”, Second international conference on Advances in materials processing and characterization (AMPC2013), Anna University, February 6-8, 2013.
- [6] “BIPV Market growth: SWOT analysis and favorable factors”, 2018 4th International Conference on Electrical Energy Systems (ICEES), IEEE, 412-415, 2018.
- [7] “ Effect of Carbon Nano Tubes (CNT) on Hardness of Polypropylene Matrix”, Advances in Materials and Metallurgy, 261-270, 2019.
- [8] Optimization of Wear Characteristics of Polypropylene (PP)-Carbon Nano Tube (CNT) Using Taguchi Table, Advanced Nanomaterials: Synthesis and Applications (KSR Engineering College), pp. 141-144, 2016.
- [9] Optimizations of extrusion semi die angle and fabrication of extrusion die, AIP Conference Proceedings, 2283 (1), 020063.
- [10] Experimental investigation on superplastic forming behavior of AA 6063/SiCp using stir casting, AIP Conference Proceedings 2283 (1), 020118.

Patent published/Grant:

S.no	Year of publication	Patent Title	Patent Status	Patent No.	Date of Filing	Published on
1	2019	DESIGNING AND CONTROLLING OF ELECTRO HYDRAULIC BRAKING SYSTEM WITH ENHANCED PERFORMANCE	Published in IPR journal	201941051702	13.12.19	20.12.19
2	2020	NOVEL DESIGN OF PNEUMATIC PICK AND PLACE ROBOTIC ARM FOR MANUFACTURING APPLICATION	Published in IPR journal	202021004729	3.2.20	7.2.20
3	2020	DESIGN OF COMPRESSION MACHINE FOR EFFECTIVE PHASE CHANGE OF RAPID AUTO IGNITION	Published in IPR journal	202041025368	26.12.19	3.1.20
4	2020	CONFORMABLE AUXETIC FIXTURES FOR DRILLING OF BRITTLE MATERIALS	Granted	2020103028	27.10.20	9.12.20

Funded project

Worked in DESIGN AND DEVELOPMENT OF ARC WELDING ROBOT (Supply Order No. CVRDE/16CR0001/APM/15-16/LP, Dated 07.08.2015) – **9,89,006**

Faculty Development Programme attended details

1. Design of Jigs, fixtures and press tools, KLN College of engineering and technology, Madurai. (December 6-11, 2005).
2. Engineering mechanics, MIT, Anna university (December 15-20, 2008).
3. Operation research, MIT, Anna University, (December 14-22, 2009).
4. Robotics, Sri sai ram Engineering college, (May 13 - 18, 2019)
5. Inclusive Procedures and Processes in Assessment and Accreditation, St. Joseph's College (Autonomous), Tiruchirappalli. (30th June to 4th July 2020).

Declaration

I hereby declare that the above furnished information is true to the best of my Knowledge and belief.

Place: Avadi.

Yours faithfully,

Date:15-04-21

(V.Jayaseelan)



**VIJAY
GANESH
SANTHAN
AM**

Chief operating officer (C.O.O)

PROFILE

Graduate in Mechanical Engineering with 5+ years of Professional experience.

Successfully cleared IELTS with an 8.0 Score and got admission at Concordia University, Canada for Graduate Master in Engineering – Sep 2014.

Professional Four-Wheeler Motorsport Racer with training from India's leading Motorsport giant MMS and Volkswagen driver training program.

Started career as a Project Engineer at M/s. Quality Water Management Systems Private Limited in 2014.

CONTACT

PHONE:

+91 9884418918

EMAIL:

vijay@qwmsindia.com

LINKEDIN:

www.linkedin.com/in/vijay-ganesh-santhanam-ab665877

ADDRESS

9/16, Home finders
Estate, Ramapuram,
Thiruvalluvar salai, Chennai-600089

EDUCATION

Graduated with a First-Class B.E Mechanical degree from Prathyusha Institute of Technology and Management in 2013.

WORK EXPERIENCE

M/s. Quality Water Management Systems Private Limited **2014-till date Chief operating officer**

PROFESSIONAL ACHIEVEMENTS

1. Commissioned 100KLD first containerized Desalination plant for LPG company at Vizag.
2. Commissioned First in India – Sludge less Technology for Defense Research Effluent.

Restructured the Company and gave numerous successful Projects with best Client Reviews. Introduced Operations Department for smooth transition in the office and got promoted to Deputy Manager – Operations 2016-17

Increased the Project success rate and developed a top-grade team for effective service to the Company's clients and thus increasing subordinates to take up more responsibility and to take independent discussions for betterment of the Company. Got Upscaled to Manager – Operations for the better performance results of the Company at short time.2017-18

Represented and presented a paper on sludge less technology for waste water treatment in **WATMAN INTERNATIONAL CONFERENCE** Bagged a 1.6Cr Order for Complete Effluent Water Recycling Project for well know Petro-Chemical Industry with state-of-the-art Design and successfully completed the project in 2019. The Company was expanded to various new divisions like Operation and Maintenance Services.

Currently holding the Post of Chief Operating Officer of Quality Water Management Systems taking care of complete operations of the company.



ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF BIOTECHNOLOGY

DEPARTMENT ACADEMIC ADVISORY COMMITTEE MEMBERS

Academic year 2018-19

S.NO	NAME OF THE FACULTY MEMBERS	ROLE	DESIGNATION
1	Dr.P.Dhasarathan	Chairperson	Professor/HOD
2	Dr.A.J.Ranjith singh	Senior Professor	Professor
3	Dr. S. Narandra Sivasamy	Industry Mentor	Director(Technical) Synkromax Pvt Ltd
4	Mr.V.Subramanian	Industry Mentor	Director, Synkromax Pvt Ltd
5	Dr.K.Vallivittan	Academician Mentor	Professor/Departmen t of biotech,St Peters university
6	Dr.krishnarao Eswar	Alumni Representative	Research Associate,IISC , Banglore
7	Mr.k.cholapandian	IQAC	Associate professor
8	Dr.M.Thenmozhi	Senior faculty	Associate professor
9	Dr.A.Praveena	Senior faculty	Associate professor
10	Mrs. Joyce Hellen sathya	faculty	Assistant professor



PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT ACADEMIC ADVISORY COUNCIL MEMBERS

ACADEMIC YEAR: 2018-19

S.No	Name of the Member	Role	Designation and Organisation
1	Dr.K.Deepa	Chairman	Associate Prof & Head Department of Civil Engineering, Prathyusha Engineering College.
2	Dr. P.T.Ravichandran	Academic Mentor	Professor/ SRM University , Kattankulathur
3	Dr.M.Thanikachalam	Academic Mentor	Professor & Head / SA Engineering college
4	Mr.A.Karthikeyan	Industry Mentor	Structural and GeoTechnical Consultant Karthikeyan Associates
5	Mr.L.Sureshkumar	Industry Mentor	A.E, CPWD,Chennai
6	Ms.K.Kiruthika	Alumni Representative	BIM Modelling
7	MrS.Praveenraj	Alumni Representative	Jays Civil Tech, Junior Design Engineer.
8	Dr.S.Seetharaman	Professor	Prathyusha Engineering College
9	Ms.S.Vallabhy	Assistant Prof I	Prathyusha Engineering College
10	Ms.M.Monitha	Assistant Prof	Prathyusha Engineering College

Mobile No : 9962774264
e-mail ID : deepadavidprasanna@gmail.com
Address : No.14, Venstres Green Apartments
Maruthinagar Phase – II Iyyapanthangal,
Thundalam, Chennai – 77, India.



OBJECTIVES

To excel in the field of teaching and Research with the help of providing consistently improved skills and updated knowledge in Water resources conservation and management.

MYSELF

- Believe in achieving things with a positive attitude.
- Hard-working individual with a drive to achieve set goals.
- Excellent Team-orientation skills.
- Exceptional adaptability to various environments and pressure levels.

TEACHING & RESEARCH POSITIONS HELD

1. Associate Professor & HEAD, Department of Civil Engineering, Prathyusha Engineering, Thiruvallur, Chennai – 600205 from 13.06.2018 to Till date.
2. Associate Professor & HEAD, Department of Civil Engineering, in St.Joseph College of Engineering, Sriperumbudhr, Chennai – 605117 from 21.06.2017 to 28.04.2018.
3. Associate Professor, Department of Civil Engineering, in Panimalar Engineering College , Nazareethpettai, Poonamallee, Chennai – 6000123 from 26.06.2012 to 29.04.2017.
4. Assistant Professor , Department of Civil Engineering, in Saveetha University, Chennai, from 12.06.2007 to 31.05.2010.
5. Senior Research Associate Under UGC scholarship, Centre for Water Resources, College of Engineering, Guindy, Anna University, Chennai – 25, from 06.06.2010 to 21.06.2012.
6. GIS Specialist, Consultants India Pvt . Ltd, Santhome, Chennai, from 02.05.2001 to 30.05.2005.

RESEARCH DEGREE

Ph.D : Managed Aquifer Recharge with the use of GIS tools, from Faculty of Civil Engineering, College of Engineering Guindy, Anna University, Chennai – 25, Awarded in 2014.

Title of Ph.D Thesis : Soil Aquifer Treatment and Recharge Through Decentralized Treated wastewater using GIS Based Multi Criteria Techniques.

DEGREE

M.E : Hydrology and Water Resources Engineering, from College of Engineering, Guindy, Anna University, Chennai – 25, Awarded in 2007.

Title of M.E Thesis : Assessment of groundwater Quantity and flow directions in Chennai city using visual MODFLOW 4.1.

B.E : Geomatic's Engineering, from College of Engineering, Guindy, Anna University, Chennai – 25, Awarded in 2001.

Title of B.E Project : Delineation and Detection of Landuse and Landcover in Palar Basin Using GIS Tools.

AREA OF SPECIALISATION

- ✚ Water Resources development and management
- ✚ Groundwater quality, quantity aspects
- ✚ Hydro geological implications on groundwater
- ✚ Environmental studies
- ✚ GIS and Remote Sensing Applications to Hydrology, Irrigation and Water Resources.
- ✚ Integrated Water Resources Management.

MEMEBERSHIP IN PROFESSIONAL ORGANISATIONS

- IAENG – International Association of Engineering
- IAH Indian Association of Hydrologist
- ISPRS Indian Society for Photogrammetry and Remote Sensing

HONOURS

- Awarded UGC Research Fellowship January 2010 to December 2012
- Got Best Paper Award in 2008 in Groundwater Conference in Gujarat chapter by AHI
- Got Best Teacher Award for the year 2015 in Panimalar Engineering College.

PROGRAMMES ORGANISED

1. Organised “A One day Seminar on Soil Mechanics”, December 20th 2017, in St.Joseph College of Engineering, Chennai, India.
2. Organised “A Two day Seminar on Foundation Engineering”, August 4 – 5, 2017 in St.Joseph College of Engineering, Chennai - 117, India.
3. Organised a One day workshop on “Tall building Constructions”, with collaboration of Civil Simplified, on January 4th 2015 in Panimalar Engineering College, Chennai-123.
4. Organised “A one day Seminar on Advanced Techniques and Application in GIS” February 3rd 2014, in Panimalar Engineering College, Chennai-123.

SUBJECTS HANDLED

Ground Water Engineering, Advanced Remote sensing and Geographical Information System, Water Resources Engineering, Remote sensing and GIS, Hydrology, Irrigation engineering, Applied Geology, Environmental Engineering – I & II, Foundation Engineering, Highway Engineering, Advanced Surveying Methods.

PROJECTS GUIDED

- ❖ Environmental impact on analysis on rainfall variation in kancheepuram district
- ❖ Rainfall runoff modelling
- ❖ Groundwater Potential mapping
- ❖ Solid Waste Management in Chennai city
- ❖ Advance treatment of wastewater using Soil Aquifer Treatment method
- ❖ Aquifer mapping using GIS tool
- ❖ Isotope Hydrology
- ❖ Drought Assessment
- ❖ Groundwater Recharge Methods
- ❖ Replacement of cement by Prewinkle shell
- ❖ Climatic impact assessment on agricultural productivity using GIS tool

SKILLS SETS

Platforms : Windows– 95-98-XP-7, MS Office,
Packages and Software’s : MapInfo 6, ArcGIS workstation ,
Erdas Imagine, Visual Modflow 4.1

PAPERS PUBLISHED IN JOURNALS

- B.Krishnakumari, K. Deepa and K.V.Priya.,” Non Destructive Leakage Detection and Sealing of Structural Members”, Imperial Journal of Interdisciplinary Research (IJIR) Vol-3, Issue-1, 2017 ISSN: 2454-1362.
- K V Priya, Dr.K Deepa , B Krishnakumari, “Aerobic Treatment of Waste Water by using Garlic as natural coagulant and PVC and coconu shell as medium”, Imperial Journal of Interdisciplinary Research, Vol-2, Issue-7, 2016.
- B.Krishnakumari, K.Deepa, K.V.Priya, “A review on impact of landuse over water bodies in Chennai”, International journal of emerging trends in science and technology, Vol-3, March 2016.
- Deepa K, Krishnaveni M and Mageswari M, “A GIS based approach to select appropriate waste water Treatment Technology – A case Study – Sholinganallur Taluk, Kancheepuram, district, Tamil Nadu”. International journal of Scientific & Engineering Research, March 2015, vol no:06, issue no: 03, pp: 483-484.
- Deepa K and Krishnaveni M, “Reuse options of Reclaimed Waste Water in Chennai City”, International Journal of Computational Engineering Research, March 2015, vol. no:05, issue no:03, pp-2250-3005.
- M.Mageswari and K.Deepa *et.al.* “Mechanical properties of High Energy Bricks using Polyisocynurate Foam”, Journal of Civil Engineering Research, 2014, vol no:04, issue no: 2A, pp-42-50.
- Deepa K and Krishnaveni M, “Suitable Site Selection of Decentralised Treatment Plants using Multicriteria approach in GIS”, Journal of Geographic Information System, 2012 vol, no:4, pp-254-260.
- Deepa K. and Krishnaveni M. “Water Quality Performance of Soil Aquifer Treatment using municipal treated wastewater of Chennai city, India”, Journal of Environmental Hydrology, Vol. 20, No. 2, 2012.
- Deepa K. and Karunakaran K. “Recharge of Wastewater Using Soil Aquifer Treatment (SAT) and Multi- Criteria Approach (MCA)”, Journal of Geological Society of India. Special Issue, Vol. 1. 2010.

CONFERENCES AND WORKSHOPS ATTENDED

- ❖ Presented a paper titled, “Site Evaluation of Managed Aquifer”, in one day International Conference on 1st ASET Multi conferences in HCT Campus Abudhabi, U.A.E on 4th April 2018.
- ❖ Attended a two day Faculty Development Programme in “Water Resources Management”, in Loyola Institute of Technology, Chennai from 3rd to 5th January 2018.
- ❖ Attended a three day AICTE Training Programme under Emeritus Professor Fellowship Scheme on Civil Engineering and Structural Engineering, from 21st to 23rd December 2017, R.M.K. Engineering College, Kavaraipettai – 601206.
- ❖ Attended a one day workshop on “Foundation Engineering” on June 12th in Panimalar Engineering College, Chennai conducted by Terzaghi Institute, 2017.
- ❖ Attended a 3 day workshop on “Groundwater Modelling “ on 24th April to 27th April 2013, Conducted by Centre for Water Resources , Anna University, Chennai-25.
- ❖ Presented a paper titled, “Recharge of Wastewater Using Soil Aquifer Treatment (SAT) and Multi-Criteria Approach (MCA)”, National Conference on Groundwater Resource Development and Management in Hard Rocks, February 12-13, 2010, Organized by Department of Geology, University of Pune, Pune & Geological Society of India, Bangalore.
- ❖ Presented a paper titled, “Reclamation of Contaminated Aquifer”, - International conference on EWRI – IITM, held on 5-7 January 2010.
- ❖ Presented a paper titled, “Experimental Investigation of Soil Aquifer Treatment using Treated

wastewater of Chennai city” – “Student Symposium on “Research in Civil Engineering”, held on 5-6 March, 2009.

- ❖ Presented a paper titled, “Identification of Groundwater Potential and Land suitability Analysis for Soil Aquifer Treatment using Multicriteria Approach”, - SRK-ISA-RC-24- International Conference on Water, Environment, Energy and Society held on 28-30, June 2009.

PERSONAL DETAILS

Name : Dr.K.DEEPA
Date of Birth : 01.06.177
Gender : Female
Spouse Name : Mr.E.David Prasanna M.Sc., M.Phil., M.B.A
Occupation : Own Business
Son Name : Master D.Derick Samuel
Father Name : Mr.M. Krishnan
Mother Name : Mrs.K.Varalaskhmi

REFERENCES

1. **Dr.M.KRISHNAVENI**,
Professor, Centre for Water Resources, Anna University,
Chennai – 600 025, India.
Contact No: 044- 22357450, Mobile No: 9840202974
Email id: mkveni@annauniv.edu
2. **Dr.CAROLIN ARUL**
Assistant Professor (Senior Grade)
Centre for Water Resources,
Anna University, Chennai – 600 025, India.
Contact No:2235 7471 , Mobile No: 9840117635
Email id: carolin@annauniv.edu
3. **Dr.L.ELANGO**
Professor & Head
Department of Geology
Anna University, Chennai – 600 025, India.
Contact No : 044 – 22358445 / 8457,
Email id: elango@annauniv.edu
4. **Mrs.B.KRISHNAKUMARI**
Associate Professor
Department of Civil Engineering
Panimalar Engineering College
Nazarethpettai, Poonamallee High road
Chennai – 6000123, India.
Contact No : 9994249216
Email id: kumaribalasubramanian@gmail.com

DECLARATION

I hereby declare that all the information provided above is true and accurate to the best of my knowledge. I also assure my complete dedication & hard work towards your organization if I am provided an opportunity.

Place : Chennai, India



PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

2018-2019 **Date : 16 September 2018**
DEPARTMENT ACADEMIC ADVISORY COMMITTEE MEMBERS

Committee Designation	Name of the Members	Designation & Profession
Chair Person	Ms.V.R.Kavitha	HOD,Department of CSE
Industry Experts	Dr.Dooreen Robin	Director , CIRF, Chennai
	Mr.Sabarinath J	CEO, Resporo Labs Pvt Ltd.
Academic Experts	Dr.K.S.Uma Devi	Professor School of Computer Science, VIT, Vellore
	Dr.Manivanan	Dean & Professor Mohamed Sathak Engineering College
Technology Experts	Shri.Karthikeyan S P	Scientist – F, Open Source National Informatics Centre, Chennai, Govt. of India
Employer	Mr. Roy Antony Arnold G	Lead - Education, Training and Assessment (ETA), Talent Acquisition / Infosys Technologies Pvt.Ltd
	Mr.Charles Jothibasu	Project Manager, IBM India Pvt. Ltd
Parents	Mr.Arun kumar R F/o. A.Sundar, IV Year	Bank Manager Indian Bank Pvt. Ltd, Porur,Chennai
	Mr.Somasundar T F/o. S.Mahalakshmi	Advocate, High court, Chennai
Distinguished Alumni	Mr.K.G.Sekar ,	HR, Valgenesis pvt Ltd
	Mr.Karthikeyan,	HR,Tata Consultancy Services, Chennai
Students	Mr.Satish V	Final year
	Ms.Kalarasi.S	Third year
	Mr.Magesh R	Second year
Professional Body member	Dr.Thenaarasu N	Member Secertary,ISTE
Local Society Representative	Mr.Vaidyanadhan	District Asst.Secretary,Tiruvallur collector Office,Tiruvallur.
Senior from another department	Dr.Mohammed	Professor Mechanical Engineering
Senior Faculty member from the department	Dr.Gopikrishnan M	Professor in CSE IQAC Cordinator
	Dr.S.Padmapriya	Professor in CSE,PEC R & D and Innovation Cell Coordinator, MHRD,
	Dr.P.Chitra,	Prof in CSE,PEC
	Mr.Thamba Meshach W	Associate Professor in CSE Programme coordinator

Mr.Vaidyanadhan,

District Asst. Secretary ,

Thiruvallur Collector office,

Thiruvallur Dist.

Qualification:M.B.A

Mail-id: vaidyanadhan1217@yahoo.co.in

Phone :044-67821787

His research work covers Corporate Finance, Investments, Portfolio Management, Risk Management and Pensions. He has published a number of articles in India and abroad on Corporate Finance and Capital Markets.



ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ECE

DEPARTMENT ACADEMIC ADVISORY COMMITTEE MEMBERS

ACADEMIC YEAR : 2018-19

S.No.	Name	Designation	Role
1	Ms.G. Premalatha	HOD, ECE	HOD
2	Dr.L. Vanitha	Professor, ECE	Faculty
3	Dr.S. Vimala	Professor, ECE	Faculty
4	Dr.S.Arun	Professor, ECE	Faculty
5	Dr. Durga Devi	Assistant Professor, ECE, Anna University, Chennai	Faculty
6	Mr. K.Sujith	Project Manager, Danfoss	Industrialist
7	Dr.K. Chitra	Professor, VIT, Chennai	Academician
8	Dr.G.R. Suresh	HOD and Professor, St. Peter's Institute of Higher Education and Research	Academician
9	Dr. Thirumullai Vasan	Professor, EEE, VIT University	Academician
10	Dr.G.Giridhar	Deputy General, SRRA Unit, NIWE	Industrialist
11	Mr. Daivaraj	Matlab Programmer, Ford (Alumni)	Industrialist
12	Ms. Sravya	III Year	Students Representative
13	Mr. Sathish Kumar	III Year	Students Representative



PRATHYUSHA ENGINEERING COLLEGE

ESTD. 2001

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

MEMBERS OF ACADEMIC ADVISORY COUNCIL(2018-19)

S.No.	Name of the Member	Role	Designation and Organisation
1	Mr.P.Selvaraj	Chairman	HoD/Chairman, EEE, Prathyusha Engineering College
2	Ms.M.Preetha	Senior Faculty	Associate Professor , EEE,Prathyusha Engineering College
3	Ms.S.Shobana	Senior Faculty	Associate Professor , EEE,Prathyusha Engineering College
4	Dr.P.Somasundaram	Academic mentor	Professor / EEE / Power System Division /Anna University
5	Dr.M.Prabhakar	Academic mentor	Associate Professor/ SELECT/VIT Chennai
6.	Dr.G.Giridhar	Industrial mentor	Director and Division head , SRRA
7.	Dr.P.Dharmalingam	Industrial Mentor	Director / Ensave Consultancy
8.	Mr.S.Selvakumar	Industrial Mentor	Managing Director / Power Projects
9.	SD Parvez Hussain	Alumni from Industry	Technology Analyst, CSI Interfusion
10.	Mr.T.Vinodkumar	Alumni from Industry	Alumni / CAPE Electric Private limited

Contact

selvaraj.p@svcolleges.edu.in

www.linkedin.com/in/selvaraj-paramasivan-706156184
(LinkedIn)

Top Skills

Power Electronics
Electrical Engineering
International Conferences

Certifications

Life Member in Indian Society for
Technical Education (MISTE)
NPTEL

Honors-Awards

100 % Result achiever award

Selvaraj Paramasivan

Professor in Electrical and Electronics Engineering ,Chennai
Chennai

Summary

P.Selvaraj ,born on 18th may 1979 in Tenkasi,Tamilnadu,India.He completed his school education in R.P.hr.Sec.School.Ilanji.He obtained BE Degree in Electrical and Electronics Engineering (2000) from Manonmanium sundaranar university Tirunelveli. ME Degree in Power Electronics and Drives from sathya bama institute of science and Technology ,Chennai (2005).Ph.D Degree in Electrical Engineering from Anna university ,Chennai (2018) He has 18 years of Teaching, and Research Experience in Engineering Colleges published many research papers in national , international conferences and journals

Experience

Chennai

Professor in Electrical and Electronics Engineering
May 2018 - Present (3 years)

India

P.Selvaraj ,born on 18th may 1979 in Tenkasi,Tamilnadu,India.He completed his school education in R.P.hr.Sec.School.Ilanji.He obtained BE Degree in Electrical and Electronics Engineering (2000) from Manonmanium sundaranar university Tirunelveli. ME Degree in Power Electronics and Drives from sathya bama institute of science and Technology ,Chennai (2005).Ph.D Degree in Electrical Engineering from Anna university ,Chennai (2018) He has 18 years of Teaching, and Research Experience in Engineering Colleges published many research papers in national , international conferences and journals

Electrical and Electronics Engineering

Professor


June 2001 - Present (19 years 11 months)

Tamilnadu,Chennai

Education

Anna University

Doctor of Philosophy - PhD, Electrical and Electronics
Engineering · (2011 - 2018)

Name of the College	1114 - PRATHYUSHA ENGINEERING COLLEGE
Name of the Department	ELECTRICAL AND ELECTRONICS ENGINEERING
Name of the Degree & Course	B.E. - ELECTRICAL AND ELECTRONICS ENGINEERING
Name of the faculty member	MRS. SHOBANA S
Regular Or Adjunct	Regular
Image	
Present Designation	ASSOCIATE PROFESSOR
Residential Address Line 1	PLOT NO.8 AND 9, VINU HOMES, THANTHAIPERIYAR THIRD CROSS STREET,KUMANANCHAVADI
Line 2	CHENNAI-56
District	CHENNAI
Mobile number	+91 - 8939122677
Email	SSHOBANASARAVANAN@GMAIL.COM
Gender	FEMALE
PAN Number	CUSPS1441P
Aadhar Number	509673315025
Faculty code given by C.O.E.	2104016
Date of Birth	28-06-1980

I. Particulars of Educational Qualification : (only completed)

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained / Ph.D. Awarded (Y/N)	Class obtained
U.G.	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	2001	SAPTHAGIRI COLLEGE OF ENGINEERING	UNIVERSITY OF MADRAS	70	FIRST CLASS

P.G.	M.E.	POWER ELECTRONICS AND DRIVES	2010	SREE SASTHA COLLEGE OF ENGINEERING	ANNA UNIVERSITY	72	FIRST CLASS
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II. Academic Experience :

(Start from the Current working Experience) *

Name of the College	Designation	Joining Date	Relieving Date / Current Date for Presently Working Institutions	Experience		
				Years	Months	Days
P B COLLEGE OF ENGINEERING	ASSISTANT PROFESSOR	23-06-2005	30-04-2008	2	10	8
SAPTHAGIRI COLLEGE OF ENGINEERING	ASSISTANT PROFESSOR	20-06-2001	30-04-2004	2	10	11
CHENNAI INSTITUTE OF TECHNOLOGY	ASSISTANT PROFESSOR	19-06-2010	30-04-2017	6	10	12
PRATHYUSHA ENGINEERING COLLEGE	ASSOCIATE PROFESSOR	01-06-2017	03-01-2018	0	7	3
Total				13	2	7



PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF INFORMATION TECHNOLOGY

ESTD. 2001

PEC/NAAC/2020/IT/I.I.A - MEMBERS OF AAC

Ref: Meeting dated 16.09.2018.

With reference to the meeting held with various eminent academicians and industry experts, the Academic Advisory Committee has been constituted.

Name of the Member	Role	Designation and Profession
Dr.P.Chitra	Chairperson	HOD/Professor, Department of Information Technology
Dr.S.Sridhar	Academic Expert	Professor, Computer Science Engineering SRM University
Mr.P.GokulRajh	Industry Mentor	Associate Manager Accenture SG Services, Singapore
Mr.K.Vetrikumarar		Principal Software Engineer Oracle SAAS Cloud
Mr.M. Ravichandran	Technology Mentor	Manager, Training Division, ICT Academy
Mrs.R.VaidhehiRajagopal	Parent Representative	Language Teacher S.B.O.A Mat. Hr.Sec.School P/O. RohithRajagopal, 2016 Passed out
Mr.M.Kirubanidhi		Chief Machine Analyst Royal Enfield P/O. K.Janani - 2017 Passed out
Mr.Manoj	Distinguished Alumni	Senior Software Engineer Gogo - 2009 Passed out
Ms.R.Sharadha		Software Engineer HTC Global Services - 2016 Passed out
Ms.S.Vishali		Application Developer IBM - 2018 Passed out
Mr.S.Sabarish	Student	Final Year
Dr.S.Padmapriya	Senior Faculty from another department	Professor, CSE dept.
Ms.V.R.Kavitha		Associate Professor, HOD, CSE dept.

Name of the Member	Role	Designation and Profession
Dr.Mohamed Ali		Professor, Mechanical dept.
Ms.C.Kamatchi	Senior Faculty from department	Assistant Professor/IT
Mr.I.Mohan		Assistant Professor/IT
Ms.M.D.Boomija		Assistant Professor/IT
Ms.J.Omana		Assistant Professor/ IT

Phulth

M.D. BOOMIJA

DOOR NO:203, FLAT NO:7,
SAI SAMHITA APARTMENTS,
VIJAYARAGHAVACHARI STREET,
VIJAYALAKSHMIPURAM,
AMBATTUR, CHENNAI-600 053.
Mobile : 7358028970
E-Mail:boomija.md@gmail.com

CAREER OBJECTIVE

- To help my Organization scale to reach greater height and climb the ladder as organization grows.

EDUCATIONAL CREDENTIALS

COURSE	INSTITUTION	BOARD / UNIVERSITY	YEAR OF PASS	MARKS/ GRADE
Ph.D. (CSE)	SRM University, Kattangulattur,Chennai	SRM University, Kattangulattur,Chennai	Pursuing	-
M.Tech. (CSE)	SRM University	Madurai Kamaraj University, Madurai.	2013	9.1 CGPA
M.Phil. Computer Science	Alagappa University,Karaikudi	Alagappa University, Karaikudi	2007	69 %
M.C.A.	V.V.V. College for women, Virudhunagar.	Madurai Kamaraj University, Madurai	2001	75 %
B.Sc. Physics	V.V.V. College for women, Virudhunagar.	Madurai Kamaraj University, Madurai	1998	79 %
H.S.C	T.P.N.M. Govt Hr School, Virudhunagar	Board of Higher Secondary School Examination, TN	1995	78 %

S.S.L.C.	Ethalharvey Girls Hr. Sec. School,Sattur.	Board of Higher Secondary School Examination,TN	1993	89 %
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WORKING EXPERIENCE

Total Experience : 11 years of Teaching

POST HELD	INSTITUTION	RESPONSIBILITIES	PERIOD
Assistant Professor	Prathyusha Engineering College, Chennai	Teaching	June 2008 to Till Date (10 years)
Lecturer	Veltech Engineering College.	Teaching	Aug 2006 to Sep 2007 (1 year)

CONFERENCES/FDPS/WORKSHOPS/SEMINARS ATTENDED

- Presented paper on “Secure data sharing through Additive Similarity based ElGamal like Encryption” AEEICB – 2016 Organized by Prathyusha Engineering College in association with IEEE.
- Published paper on “Implementation Of Data Retrieval System Using Selective Ordered Bucketization With Security” in Journal of Current Computer Science and Technology, Volume 5, Issue 5, 2015
- Published paper on “Optimization of Transmission Power in Ad Hoc Network” in International Journal of Engineering Research and General Science Volume 2, Issue 3, April-May 2014
- Presented paper on “Optimization of Transmission Power in Ad hoc Network System” in ICMEET – 2K13 Organized by Magna Engineering College, Apr 2013.
- Presented paper on “Optimization of Mobile Ad hoc Network” in NCACTA '13, Mar 2013
- Presented paper on “Optimized Cloud Resource Prediction Scheme” in NMAC – 2K12, Aug 2012
- Presented paper on “K-Means Aggregation Protocol for Wireless Sensor Networks” in NCIIDC 2010, Apr 2010

- Presented paper on “Performance Analysis of K-Means Clustering Algorithm for Artificial Data Point” in Emerging Trends in Computer Applications, Mar 2010
- Presented paper on “Comparison of Partition based Clustering Algorithms SNCONFIC-08 organized by KSR Engineering college, Erode, Mar 2009
- Published paper on “Comparison of Partition Based Clustering Algorithms”, Journal of Computer Applications
- Attended workshop on “Android workshop” organized by PITAM, Nov 2013
- Attended Seminar on “Innovations in ICT Towards Lowering Child Mortality” organized by PITAM, Oct 2013
- Attended workshop on “Stress Reducing Techniques for Teachers” organized by PITAM, July 2013
- Attended Seminar on “Recent Trends on Improving Parallelism in computing based on Hyper Threading Technology” organized by PITAM, July 2013
- Attended Seminar on “Ozone Depletion and Global Warming” organized by PITAM, Sep 2013
- Attended FDP on “Cloud Computing and Bluemix” organized by PITAM from 13/06/2014 to 21/06/2014
- Attended FDP on “Web Technology” organized by PITAM from 15/12/2014 to 21/12/2014
- Attended Faculty Enablement Program on “FP Version 3.1” organized by Infosys Development Center, Chennai from 6/02/2012 to 10/02/2012
- Attended FDP on “CS2402-Mobile & Pervasive Computing” organized by College of Engineering, Anna University from 30/05/2012 to 05/07/2012
- Attended FDP on “Advanced Databases” organized by College of Engineering, Anna University from 01/12/2008 to 07/12/2008

ACHIEVEMENTS & AWARDS

- Received Cash awards for producing 100% result
- Received Bronze medal 3 times from Infosys Campus Connect FP
- Presented 2 papers in International Conferences and 5 papers in National Conferences and Published 3 research papers on various Journals.
- Developed Project “Hostel Students Management System” using VB.NET

PERSONAL DETAILS

Father's Name : M. Duraipandian
Date of Birth : 20-05-1978
Sex : Female
Nationality : Indian
Religion : Hindu
Marital Status : Married
Languages Known : English & Tamil
Native Place : Virudhunagar
Permanent Address : Door No:203, Flat No:7,
Sai Samhita Apartments,
Vijayaraghavachari Street,
Vijayalakshmipuram,
Ambattur, Chennai-600 053.
Mobile: **9941385908**

DECLARATION

I hereby declare that the above mentioned details are true and correct to the best of my knowledge.

Place : Chennai

Date : 26-9-19

(M.D. BOOMIJA)



ESTD. 2001

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT ACADEMIC ADVISORY COMMITTEE MEMBERS

ACADEMIC YEAR : 2018-19

S. No.	Name of the Member	Role	Designation and Organisation
1	DR. P. JAYARAMAN	Chairman	Professor and Head, Department of Mechanical Engineering, Prathyusha Engineering College.
2	DR. R. RAJU	Academic Mentor	Professor, Department of Industrial Engineering, Anna University – CEG Campus.
3	DR. K. ANNAMALAI	Academic Mentor	Associate Professor, Department of Automobile Engineering, Anna University – MIT Campus.
4	DR. G. SARAVANAN	Industry Mentor	Product Manager, Caterpillar India, Thiruvallur
5	MR. V. MARIA ANTONY	Industry Mentor	Deputy General Manager (QA), Nissan India Motor India Pvt Ltd, Oragadam.
6	MR. P. MOHAMED ALI	Senior Faculty	Professor , Department of Mechanical Engineering, Prathyusha Engineering College.
7	DR. V. JAYASEELAN	R & D Coordinator	Professor , Department of Mechanical Engineering, Prathyusha Engineering College.
8	MR. N. GOPINATH	Internship & Project Coordinator	Associate Professor, Department of Mechanical Engineering, Prathyusha Engineering College.
9	MR. VIJAY GANESH SANTHANAM	Alumini Representative	Chief Operating Officer, Quality Water Management Systems, Ramapuram, Chennai



Gopinath Narayanan

gopinathn69@gmail.com

[linkedin.com/in/gopinath-narayanan-7b1a5674](https://www.linkedin.com/in/gopinath-narayanan-7b1a5674)

+91 9884977639

Apt#75, Majestic Park, Arcot Road,
Saligramam, Chennai 600093

AIM

To nurture young minds and encourage students to achieve their healthy career goals by imbuing value, creativity, higher-order thinking and the necessary skill-set.

EXPERIENCE

- **Associate Professor – Department of Mechanical Engineering** *Jun 2018- Tillnow*
Prathyusha Engineering College, Tiruvallur
- **Head -Training and Placement office and Associate professor –Dept. of Mechanical Engineering** *Jun 2012 – Dec 2014*
St. Joseph’s Group of Institutions, Chennai-119
- **Placement Officer** *May 2001 -June 2008*
Assistant Professor – Dept. of Mechanical Engineering
St. Joseph’s College of Engineering
Chennai-119
- **Assistant Manager-Training** *Sep 1995- Dec 2000*
The Associated Cement companies Ltd.,(ACC)
Kymore , Madhya Pradesh, India
- **Lecturer- Dept. of Mechanical Engineering** *Jun 1991 – Aug 1995*
Shanmugha college of Engineering (SASTRA University)
Thanjavur, Tamilnadu, India

EDUCATION

- **Master of Engineering: Manufacturing Technology**
Regional Engineering College, (National institute of Technology)
Thiruchirapalli, TamilNadu, India
Graduated Dec 1995
- **Bachelor of Engineering: Mechanical Engineering**
Regional Engineering College, (National institute of Technology)
Srinagar, Jammu & Kashmir
Graduated Feb 1991

ACHIEVEMENTS:

- First prize and Cash award of Rs.75000/- in Smart India Hackathon (SIH-2019) project.
- Journal publication on “A Novel prosthetic Design incorporating modified hydraulic system” at Munich Journal of Biomechanics.
- Co-authored a paper titled “A Novel Prosthetic Design Incorporating a modified hydraulic system” which was selected for a podium presentation at South East Biometric conference (SEBC) held at Georgia Institute of Technology – Atlanta GA , USA.

MEMBERSHIP

- Life member of The Indian Society for Technical Education (MISTE)
- MHRD Innovation Cell-Institution’s Innovation Council- Innovation Ambassador.

TRAINING & CERTIFICATION

- Completed CNC Turning and Milling training course by MTAB-DENFORD TechnologyCentre , Chennai
- Participated and Completed Successfully AICTE Training and Learning (ATAL) Academy FDP on Robotics at IIITDM Kancheepuram
- Attended Faculty Development Program on Personal and Interpersonal Effectiveness conducted by Cognizant Academy, Chennai
- Attended summer school (sponsored by ISTE) on Recent Advances in Manufacturing Systems Engineering and Total Quality Management at PSG college Of Technology, Coimbatore.
- Attended Teachers’ Training Program on student Personal management conducted by Technical Teachers’ Training Institute, Taramani, Chennai
- Attended and Successfully completed MHRD- IIC Innovation Ambassador Training program –Pre- incubation & Incubation management
- Attended 7 days AICTE sponsored FDP for Student induction Program-Human values
- Attended ‘Advanced Training of Trainers (ToT) – a Three Workshop on Preparing resource persons for FDP for Student Induction organized by AICTE at IIITD Hyderabad
- Completed Correspondence Education Course on **TPM** with distinction conducted by Japan Management Association Management center (JMAM)

LANGUAGES

- English, Tamil and Hindi (Full Professional Proficiency)
- Sanskrit (Elementary Proficiency)

PERSONAL INTERESTS

Classical Music, Cooking, Reading Historical and Classical Novels

I hereby declare all the aforementioned information is true to the best of my knowledge.

Gopinath Narayanan

Chennai
15-04-21



PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF BIOTECHNOLOGY

**DEPARTMENT ACADEMIC ADVISORY COMMITTEE
MEMBERS**

Academic year 2019-20

S.NO	NAME OF THE FACULTY MEMBERS	Role	DESIGNATION
1	Dr.P.Dhasarathan	Chairperson	Professor/HOD
2	Dr.A.J.Ranjith singh	Senior Professor	Professor
3	Dr. S. Narandra Sivasamy	Industry Mentor	Director(Technical) Synkromax Pvt Ltd
4	Mr.V.Subramanian	Industry Mentor	Director, Synkromax Pvt Ltd
5	Dr.k.Vallivittan	Academician Mentor	Professor/Departmen t of biotech,St Peters university
6	Dr.krishnarao Eswar	Alumni Representative	Research Associate,IISC , Banglore
7	Mr.k.cholapandian	IQAC	Associate professor
8	Dr.M.Thenmozhi	Senior faculty	Associate professor
9	Dr.A.Praveena	Senior faculty	Associate professor
10	Mrs. Joyce Hellen sathya	faculty	Assistant professor



PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT ACADEMIC ADVISORY COUNCIL MEMBERS

ACADEMIC YEAR : 2019-20

S.No	Name of the Member	Role	Designation and Organisation
1	Ms.S.Vallabhy	Chairman	Asst .Professor and Head Department of Civil Engineering, Prathyusha Engineering College.
2	Dr. P.T.Ravichandran	Academic Mentor	Professor/ SRM University , Kattankulathur
3	Dr.M.Thanikachalam	Academic Mentor	Professor & Head / SA Engineering college
4	Mr.A.Karthikeyan	Industry Mentor	Structural and GeoTechnical Consultant Karthikeyan Associates
5	Mr.L.Sureshkumar	Industry Mentor	A.E, CPWD,Chennai
6	Ms.K.Kiruthika	Alumni Representative	BIM Modelling
7	MrS.Praveenraj	Alumni Representative	Trio Building System, Managing Director
8	Dr.S.Seetharaman	Professor	Prathyusha Engineering College
9	Ms.M.Monitha	Assistant Prof	Prathyusha Engineering College
10	Ms.P.Sarala	Assistant Prof	Prathyusha Engineering College

Name of the Faculty : P.Sarala
Name of the Department : Civil Engineering
Present Designation : Assistant Professor
Residential Address : 11/111 P.K Street, Ennanagaram&Post,
Chidhambaram(T.K), Cuddalore (Dt) - 608602
Contact Nos. : Landline : Mobile: 9994845292
Email :salaracivil@gmail.com
Gender : Female
Community : MBC
PAN Number : FWYPS7060B **Passport Number** : NIL
Date of Birth & Age : 07.06.1989 & 31
Date of Joining the present post : 24.06.13
Scale of Pay : 15600-39100+AGP 6000
Present Basic pay : 18320
Total Salary : 33952



I. Particulars of Educational Qualification: (only completed)

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.E.	Civil Engineering	2010	Thiruvalluvar College of Engineering Technology	Anna University	73%	I
PG	M.E.	Structural Engineering	2013	Anna University Regional Centre Coimbatore	Anna University	7.44 CGPA	I
Ph.D.							

** Enclose copies of certificates duly attested by the faculty member and the Principal as proof.*

I.a. Additional Qualification : NIL

i. GATE Score (In case of B.E. / B.Tech.)

ii. NET / SLET (In case of M.C.A. / M.Sc. / M.A.)

II. Title of Ph.D. Thesis * : NIL

III. Faculty in which Ph.D. was awarded : NIL

IV. Academic Experience as on 28th February 2020:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Prathyusha Engineering College	Assistant Professor	24.06.13	Till Date	6	8	8
Murugha polytechnic college	lecturer	07.07.10	09.10.11	1	3	2
Total				6	11	10

V. Industrial Experience: NIL

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Total							



PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

2019-2020 **Date : 15 September 2019**
DEPARTMENT ACADEMIC ADVISORY COMMITTEE MEMBERS

Committee Designation	Name of the Members	Designation & Profession
Chair Person	Ms.V.R.Kavitha	HOD,Department of CSE
Industry Experts	Dr.Dooreen Robin	Director , CIRF, Chennai
	Mr.Sabarinath J	CEO, Resporo Labs Pvt Ltd.
Academic Experts	Dr.K.S.Uma Devi	Professor School of Computer Science, VIT, Vellore
	Dr.Manivanan	Dean & Professor Mohamed Sathak Engineering College
Technology Experts	Shri.Karthikeyan S P	Scientist – F, Open Source National Informatics Centre, Chennai, Govt. of India
Employer	Mr. Roy Antony Arnold G	Lead - Education, Training and Assessment (ETA), Talent Acquisition / Infosys Technologies Pvt.Ltd
	Mr.Charles Jothibasu	Project Manager, IBM India Pvt. Ltd
Parents	Mr.Arun kumar R F/o. A.Sundar, IV Year	Bank Manager Indian Bank Pvt. Ltd, Porur,Chennai
	Mr.Somasundar T F/o. S.Mahalakshmi	Advocate, High court, Chennai
Distinguished Alumni	Mr.K.G.Sekar ,	HR, Valgenesis pvt Ltd
	Mr.Karthikeyan,	HR,Tata Consultancy Services, Chennai
Students	Mr.Satish V	Final year
	Ms.Kalarasi.S	Third year
	Mr.Magesh R	Second year
Professional Body member	Dr.Thenarasu N	Member Secerteary,ISTE
Local Society Representative	Mr.Vaidyanadhan	District Asst.Secretary,Tiruvallur collector Office,Tiruvallur.
Senior from another department	Dr.Mohammed	Professor Mechanical Engineering
Senior Faculty member from the department	Dr.Gopikrishnan M	Professor in CSE IQAC Cordinator
	Dr.S.Padmapriya	Professor in CSE,PEC R & D and Innovation Cell Coordinator, MHRD,
	Dr.P.Chitra,	Prof in CSE,PEC
	Mr.Thamba Meshach W	Associate Professor in CSE Programme coordinator



PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF ECE

**DEPARTMENT ACADEMIC ADVISORY COMMITTEE
MEMBERS**

ACADEMIC YEAR : 2019-20

S.No.	Name	Designation	Role
1	Ms.G. Premalatha	HOD, ECE	HOD
2	Dr.L. Vanitha	Professor, ECE	Faculty
3	Dr.S. Vimala	Professor, ECE	Faculty
4	Dr.S.Arun	Professor, ECE	Faculty
5	Dr. Durga Devi	Assistant Professor, ECE, Anna University, Chennai	Faculty
6	Mr. K.Sujith	Project Manager, Danfoss	Industrialist
7	Dr.K. Chitra	Professor,VIT, Chennai	Academician
8	Dr.G.R. Suresh	HOD and Professor, St. Peter's Institute of Higher Education and Research	Academician
9	Dr. Thirumullai Vasan	Professor, EEE, VIT University	Academician
10	Dr.G.Giridhar	Deputy General, SRRA Unit, NIWE	Industrialist
11	Mr. Daivaraj	Matlab Programmer, Ford (Alumni)	Industrialist
12	Ms. Sravya	IV Year	Students Representative
13	Mr. Sathish Kumar	IV Year	Students Representative



PRAATHYUSHAENGINEERINGCOLLEGE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

MEMBERS OF ACADEMIC ADVISORY COUNCIL (2019-20)

S.No.	Name of the Member	Role	Designation and Organisation
1	Dr.K.Sathyasekar	Chairman	HoD/Chairman, EEE, Prathyusha Engineering College
2	Ms.M.Preetha	Senior Faculty	Associate Professor , EEE, Prathyusha Engineering College
3	Ms.S.Shobana	Senior Faculty	Associate Professor , EEE, Prathyusha Engineering College
4	Dr.P.Somasundaram	Academic mentor	Professor/EEE/Power System Division/Anna University
5	Dr.M.Prabhakar	Academic mentor	Associate Professor/SELECT/VIT Chennai
6.	Dr.K.Boopathi	Industrial mentor	Director and Division head, SRRA
7.	Dr.P.Dharmalingam	Industrial Mentor	Director / Ensava Consultancy
8.	Mr.S.Selvakumar	Industrial Mentor	Managing Director/ Power Projects
9.	SD Parvez Hussain	Alumni from Industry	Technology Analyst, CSI Interfusion
10.	Mr.T.Vinodkumar	Alumni from Industry	Alumni/CAPE Electric Private limited

Dr. K SATHIYASEKAR, B.E., M.Tech., Ph.D.

Email: ksathiyasekar@gmail.com

Cell: 9443908900 & 9677888459



Career Objective

Seeking Dean/Director/Professor position in a prestigious institution to improve the standard of profession and empowering the faculty and students with necessary skills, qualities, knowledge, attitude and value of time.

1. Academic Details

Degree	Specialization	Name of the School / College	% Marks or CGPA	Year of Passing	Part Time / Full Time / Distance Mode
Ph.D.	High Voltage Engineering	Anna University	NA	2010	Part Time
Post – graduate	High Voltage Engineering	SASTRA University	7.8 CGPA	2002	Full Time
Under Graduate	Electrical and Electronics Engineering	Government College of Engineering / Madras University	60.3%	1999	Part Time
Diploma	Electrical and Electronics Engineering	Sakthi Institute of Technology	81.8%	1989	Full Time
SSLC	--	Government High School	78%	1985	Full Time

2. Experience

Sl. No.	Institution / Industry Name	Position / Title	From	To	No. of Years & Month
1	Prathyusha Engineering College, Chennai	Professor & Head / EEE	12.6.2019	till-date	1 Year 7 Months
2	S.A. Engineering College, Chennai	Professor /EEE	27.12.2012	5.6.2019	6 Yrs 5 Months

3	C.M.S. College of Engineering, Namakkal	Principal	1.7.2011	27.8.2012	1 Yr 1 Month
4	K.S.R. College of Engineering, Tiruchengode	Professor & HoD /EEE	18.9.2002	30.6.2011	9 Yrs
5	K.S.Rangasamy Institute of Technology, Tiruchengode (Polytechnic)	Lecturer / EEE	2.7.1990	18.9.2001	11 Years

3. Publication Details (List Enclosed in Annexure - I)

Category	Conferences	Journals
National	14	02
International	11	43
Total Citation: 196	h index: 7	i 10 index : 3
Number of SCI/WoS Journal	10	Number of Scopus Journal
		25

4. Programmes Organized / Attended

Category	Conferences	Workshops	FDP / SDP / STTP
Organized	05	10	03
Attended	25	12	05

5. Research (Ph.D.) - Under my Supervision

Anna University Supervisor ID: 2730002

Particulars	Ph.D. Completed	Waiting for Viva-voce Exam	Under Publication stage	Newly Signed
Number of Candidates	13	0	05	06

6. Patent Particulars

Application Number	Month & Year	Title	Status
202041009636	April, 2020	Power Scheduling of Micro Grid in Radial Distribution System	Published

202041025510	July, 2020	System for Solar Powered Automated Multitasking Robot for Agricultural Applications	Published
202041028086	July, 2020	IoT Based Smart Automated Aquaponics System	Published
202041028431	July, 2020	A Restricted Elementary care in the Healthcare System with Blockchain Technology	Published
202041068487	December, 2020	A Smart Energy Metering System using Internet of Things	Published
202011068486	December, 2020	A method for Rainfall Prediction using Artificial Neural Network	Published

7. Project Funds Received from the External Agencies

Name of the Agency	Amount (Rs in Lakhs)	Scheme Name	Title of the Project	Duration and Period
MSME	250 L	Business Incubation Cell	10 Projects per Year	4 Years
MNRE	0.5 L	FDP	Recent Trends in Renewable Energy	-

8. Consultancy Particulars

Category I:

Created Centre of Excellence in Robotics and Industrial Automation

The following are the Consultancy Work carried out through this centre:

- i. Received Best Innovation Project in HVC-2017-18 with cash prize of Rs.10000/- at Noida
- ii. Received Best Technical Award in ESVC-2018 at Andrapradesh.
- iii. Trained more than 1000 students in the field of Automation
- iv. Automatic Bike Washing Machine at Ambattur.
- v. Electrical Control Panel Wiring for Gear Hobbing Machine at Madras Engineering Industries Pvt Ltd., Ambattur.
- vi. Automatic Fastners Packing Machine, SMPC India Pvt Ltd., Gummidipoondi.
- vii. Automatic Brick Manufacturing Machine, SBI Chamber, Aarani.
- viii. Electrical Control Panel Wiring Leak Testing Machine, TVS WABCO, Mahendra City, Chennai.
- ix. Hydraulic Power Pack Automatic Gate Control, Faurecia, Sriperumbur.

- x. Automatic Tool Cutting Machine, FIEM Industries Pvt Ltd., Hosur.
- xi. Training Program for School Students, Ebenezar matriculation Higher Secondary School, Avadi.

Category II:

Created Centre of Excellence in Power and Energy System in collaboration with NIWE

Power Quality Audit are carried out through this centre:

- i. NTPC – Vindhyachal, Madhyapradesh.
- ii. NTPC – Kudgi, Karnataka
- iii. ReNEW Solar Plant, Karnataka
- iv. CMRL – Shenoy Nagar, Chennai
- v. CMRL – Kilpauk, Chennai
- vi. TATA Communications, Ambattur
- vii. Load Flow studies were completed with University of Tenaga, Malaysia.

Category III:

Having **Electrical Supervisor Certificate C:49718**

- i. Commissioned 1250kVA, 11kV/415V Power Transformer, 800 A VCB along with modified Control Panel with a cost of Rs.1.5 Crore at S.A.Engineering College, Chennai
- ii. Commissioned 1250 kVA/, 22kV/415V Power Transformer, 800 A VCB, VFD Drive along with Control Panel with a cost of Rs.2 Crore at M/s. Dharmadev Blue Metals, Pandruty.
- iii. Commissioned 150kW Solar Plant in S.A.Engineering College, Chennai
- iv. Commissioned 3*1650Kva, 11kv/415V Power Transformer in KSR Group of Educational Institutions, Tiruchengode with a cost of Rs.25 Crore
- v. Erected Electrical Machines Laboratory in various Institutions like,
 - a. K.S.Rangasamy College of Technology, Tiruchengode
 - b. KSR College of Engineering, Tiruchengode
 - c. Nandha Engineering College, Perundurai
 - d. Annai Madhammal Sheela Engineering College, Namakkal
 - e. Tagore Institute of Engineering and Technology, Attur
 - f. Andavar Polytechnic College, Gobichettipalayam
 - g. EICT Polytechnic College, Perundurai

9. Membership in Professional Bodies : ISTE, IE

10. Any Other Information

CREDENTIALS

- ❖ Acted as an Expert Member for Ph.D. viva-voce examination (University Nominee)
- ❖ Received Outstanding Research Supervisor Award of the Year 2020 from DHS Foundation in collaboration with CAMPBELL University, North Carlonia, USA.
- ❖ Received an award of 'Certificate of Outstanding Contribution in Reviewing' from International Journal of Electrical Power and Energy Systems, Elsevier, Amsterdam, The Netherlands.
- ❖ Awarded Travel Grant of Rs.1.70 lakhs from the Department and Science and Technology, Government of India and to present my research article in the International Conference INDUCTICA-2010, at Messe Berlin, Germany in 2010.
- ❖ Reviewer for various reputed journals like IEEE Industrial Electronics, IJ of Power and Energy System-Elsevier, Technical Gazette and Australian journals etc.
- ❖ Received Best Paper Award in the International Conference on Digital Factory – 2008, held at CIT, Coimbatore.
- ❖ Editorial Board Member in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering
- ❖ Technical Advisor for M/s.Current Electricals Pvt. Ltd., Erode and M/s. SMS Electricals, Salem
- ❖ Created PMKK Centre, authorized by NSDC, Government of India at S.A.Engineering College and received a fund of **Rs.15 Lakhs per Annum**.
- ❖ Through PMKK Centre, arranged various Training Programme for our students and Rural based students and also provide Placements.
- ❖ Centre Head for SPARK Automation Centre at SA Engineering College.
- ❖ Acting as an IQAC, NBA and Academic Excellence Co-Ordinator
- ❖ Organized various funded programmes Sponsored by AICTE, CSIR, ISTE, MNRE, AUT.
- ❖ Produced 100% pass in the university examinations.

Tie-up with the following Industries and Government Agencies :

For High Voltage Engineering

1. Central Power Research Institute (CPRI), Bangalore
2. Coral Rewinding Industries Pvt Ltd., Erode
3. Current Electricals Pvt Ltd., Erode

4. SPS Transformers Pvt Ltd., Coimbatore
5. Megawin Switchgears Pvt Ltd., Salem

For Renewable Energy and Power Quality Audit

1. National Institute of Wind Energy (NIWE), Chennai
2. National Productivity Council (NPC), Chennai
3. EnSave Consultancy Pvt Ltd., Chennai
4. Voltech Group of Companies, Chennai
5. INEL Power System, Chennai
6. Solar Quest Pvt Ltd., Chennai
7. SMS Electricals, Salem
8. University of Tenaga, Malaysia
9. Power Projects (ABB Client), Chennai

Known - Foreign University Professors

1. Dr R Hamid and Dr Y Pen, University of Georgia, Georgia
2. Dr J L Munda, Tshwane University of Technology, South Africa
3. Dr Sanjeevikumar Padmanaban, Aalborg University, Denmark
4. Dr Vignakumaran, University of Tenaga, Malaysia

11. General Information

Name	Dr K Sathiyasekar	
Date of Birth & Age	17.02.1971 & 49	
Gender	Male	
Marital Status	Married	
Father / Spouse Name	Mr N Kumarasamy	
Mother Tongue & Languages Known	Tamil & English	
Nationality & Religion	Indian & Hindu	
Correspondence Address	Permanent Address	
D.No.M-189, Housing Unit Manickampalayam, Erode - 638011	D.No.M-189, Housing Unit Manickampalayam, Erode - 638011	

Email Address	Mobile Number	Landline Number
ksathiyasekar@gmail.com	9443908900	9677888459

12. References

Name	Prof.Dr R Arumugam
Designation	Former Professor in EEE Department

Organization	SSN Engineering College, Chennai
Contact Number	9444206217
Email	arumugamr@ssn.edu.in

Name	Dr S Thangavel Ph.D.
Designation	Dean (Academic) / Department of EEE
Organization	National Institute of Technology Puducherry, Karaikal
Contact Number	9443676688
Email	thangavel.s@nitpy.ac.in

Name	Dr C Bharatiraja M.E., Ph.D., Post Doctoral Research Fellow
Designation	Professor/ School of Electrical Engineering
Organization	SRM Institute of Science and Technology, Kattankulathur, Chennai
Contact Number	9042701695
Email	bharatiraja@gmail.com

Place : Erode
Date : 29.1.2021



Signature of the Applicant

Annexure - I

List of Publications:

International Journals

1. Gopinath, S & **Sathiyasekar, K**, (2019) 'Insulation Condition Assessment of High Voltage Rotating Machines using Hybrid Techniques', **IET : Generation, Transmission and Distribution**, Vol.13, No.2, pp.No.171-180

2. Krishnan, S & Sathiyasekar, K (2019), 'A Novel Salp Swarm Optimization MPP Tracking Algorithm for the Solar Photovoltaic Systems under Partial Shading Conditions', **Journal of Circuits, Systems and Computers**, Vol.29, No.01.
3. Gopinath, S & Sathiyasekar, K, (2018) 'Prediction and Classification of Insulation Failures in Rotating Machines – an Enhanced Approach', **International Journal of Manufacturing Technology and Management – Inderscience Publishers**, DOI:10.1504/IJMTM.2017.10011945, ISSN online: 1741-5195, ISSN print: 1368-2148
4. Saravanakumar, N & Sathiyasekar, K, (2018), 'Circular Array of Ultrasonic Sensor based DOA estimation: Location of multiple Partial Discharge in Transformer oil', **Journal of Electromagnetic Waves and Applications**, Vol.32, No.12, pp.No.1569-1585.
5. Saravanakumar, N & Sathiyasekar, K, (2018) 'Efficient Method for Location and Detection of Partial Discharge in Transformer Oil by DOA Estimation of Circular Array of Ultrasonic Sensors', **Journal of Instrumentation**, Vol.13.
6. Durairaj, S, **Sathiyasekar, K**, & Ilangkumaran, M, (2017), 'Decentralised Green Power Generation Using Methyl Esters of Non-Edible Oils', **Journal of Technical Gazette**, Vol.24, No.6, pp.1723-1728.
7. **Sathiyasekar, K**, Belwin Edward, J, Rajasekar, N, Senthilnathan, N & Sarjila, R (2013), 'An enhanced bacterial foraging algorithm approach for optimal power flow problem including FACTS devices considering system loadability', **Elsevier-International Journal ISA Transactions**, vol. 52, no. 5, pp. 622-628.
8. **Sathiyasekar, K**, Thyagarajah, K & Krishnan, A, (2011), 'Neuro fuzzy based predict the insulation quality of high voltage rotating machine', **Elsevier-International Journal on Expert Systems with Applications**, vol. 38, pp. 30, pp. 1066-1072.
9. Durairaj, S, **Sathiyasekar, K** & Ilangkumaran, M (2016), 'Selection of alternate fuel for electrical power generator using hybrid multi criteria decision making technique', **Scientific Bulletin, Series C: Electrical Engineering and Computer Science**, vol.78, no.1, pp. 247-258.
10. Nirmala R & **Sathiyasekar, K** 2016, 'Design of Sub Sampling Filter Architecture for Discrete Wavelet Transform', **Institute of Integrative Omics and Applied Biotechnology (IIOAB)**, vol. 7, no, 9, pp. 82-88.
11. Krishnan, S & Sathiyasekar, K (2018) 'IoT Based Memetic Maximum Power Optimization for Photovoltaic Remote Monitoring and Controlling System', **Journal of Web Engineering** Vol.17, No.6 pp.2201-2225

12. Karthick, S & **Sathiyasekar, K** 2016, 'Performance Identification Using Morphological Approach on Digital Mammographic Images', **Current Signal Transduction Therapy**, vol. 11, no. 2, pp. 63-70.
13. Balakrishnan, P & **Sathiyasekar, K**, 'Wavelet and Kernel Principal Component Analysis (KPCA) Based Fuzzy-Neuro Technique to Detect, Classify Power Transmission System Faults', **Australian Journal of Electrical and Electronics Engineering**, vol. 12, no. 1, pp.1-12.
14. **Sathiyasekar, K**, Mohanasundaram, K & Rajasekar, K 2012, 'Neuro-fuzzy Controller for High Performance Induction Motor Drives', **International Journal on Computer Applications**, vol. 38, no. 10, pp. 12-16.
15. Valliammal, L & Sathiyasekar K, (2020), 'Optimal Selection of Filter for Noise Reduction in Brain MRI Images', Journal of Bio-medical Materials and Engineering (Under Review)
16. Valliammal, L & Sathiyasekar K, (2020), 'Removal of Noise in Brain MRI Images by Selection of Optimal Filter', IETE Journal of Research (Under Review)
17. Sathiyasekar K, (2020), 'Effect of Panel Materials on the Performance of Solar Cells', Advanced Research in Dynamical & Control Systems
18. Sathiyasekar K, (2020), Prevalent Glitches in Generation of Solar Power using PV Panels-As Indian Scenario, Advanced Research in Dynamical & Control Systems, Vol.12, No.07, 2020
19. Sathiyasekar K, (2020), 'Enhancing the Performance Analysis of large capacity power plant using Electrical Transient Analyzer Program', Test Engineering & Management - Vol.83, March-April 2020.
20. Sathiyasekar K, (2020), 'Improving the Performance of Solar Power Plants in Grid Connected Modes using Altruistic Transformative Algorithm', ICTACT Journal on Micro Electronics
21. Nirmala R & **Sathiyasekar, K** 2016, 'Implementation of Discrete Wavelet Transform in SoC Using Vedic Mathematics', Asian Journal of Information Technology, vol. 15, no. 10, pp. 1559-1569.
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38. Karthick, S & **Sathiyasekar, K** 2014, 'A Survey on Nuclear-To-Cytoplasmic Ratio Analysis Using Image Segmentation', International Journal of Research in Engineering and Technology, vol. 3, no. 1, pp. 507-510.
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40. **Sathiyasekar, K** & Karthick, S 2013, 'A Survey on Block Matching Algorithms for Motion Estimation International Journal of Scientific and Engineering Research', vol. 4 no. 7.
41. **Sathiyasekar, K**, Thyagarajah, K & A.Krishnan, 2012 'Automated Fabric Defect Recognition System using Image Processing and Artificial Neural

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43. **Sathiyasekar, K, Thyagarajah, K & Krishnan, A**, 2010, 'Predict the Insulation Performance of High Voltage Rotating Machines using Optimization Techniques', International Journal on Electronic and Electrical Engineering, vol. 13, pp. 673-679.
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45. **Sathiyasekar, K, Thyagarajah, K, Krishnan, A & Ebenezer Jeyakumar, A** 2009, 'A Partial Discharge Analysis in High Voltage Rotating Machines Using BPN algorithm, International Journal of Applied Engineering Research, vol. 4, no. 1, pp. 53-63.
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National Journals

1. **Sathiyasekar, K, Thyagarajah, K & Krishnan, A** 2010, 'Investigation of Insulation Performance of High Voltage Rotating Machines using Intelligent Techniques', Central Power Research Institute Journal, vol. 6, no. 2.
2. **Sathiyasekar, K, Thyagarajah, K, Krishnan, A & Ganesan, V** 2007, 'A Novel Partial Discharge Analysis in the Stator Winding of 60 MW / 11 kV Alternator Using Neural Network', Journal of Technical and Vocational Education, vol. 24, no. 1, pp 61-66.

International Conference

1. Krishnan, S & **Sathiyasekar, K** 2014, 'Modified Structure and Reflector based Solar Photovoltaic System for Optimization of Solar Energy', IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT), pp. 309-313.
2. Saravanababu, K, Balakrishnan, P & **Sathiyasekar, K** 2013, 'Transmission Line Fault Detection, Classification and Location using Discrete Wavelet Transform', International Conference on Power Energy and Control (ICPEC), pp. 233-238.
3. **Sathiyasekar, K** & Gopinath, S 2013, 'Study of Partial Discharge Mechanism in Solid Insulation System – A Review, International Interdisciplinary Research Seminar.
4. **Sathiyasekar, K** & Karthick, S 2012, 'A Survey on Digital Image Segmentation International, Conference on Futuristic Automation & Control Engineering, FACE.pp 14-15
5. **Sathiyasekar, K** & Saravanan, S 2012,'A An Optimal Wind Power Generation of variable speed AC Generator by using Advanced Sensor and Microcontroller', International, Conference On Futuristic Automation & Control Engineering, FACE.pp 13-14.
6. **Sathiyasekar, K**, Thyagarajah, K & Krishnan, A, 2010, 'Adaptive Neuro Fuzzy Inference System for the Analysis of Insulation Performance of High Voltage Rotating Machines', INDUCTICA Conference and the Coil Winding International and Electrical Insulation Magazine, pp.1. **(Travel Grant Sponsored by DST)**
7. **Sathiyasekar, K**, Thyagarajah, K, Krishnan, A & Ebenezer Jeyakumar, A & Mahendran R, 2009, 'Diagnosis of insulation performance of high voltage rotating machines using neural network', International Conference of Operation Research Applications in Engineering and Management (ICOREM), pp. 239.
8. **Sathiyasekar, K**, Thyagarajah, K, Krishnan, A 2009, 'Neuro fuzzy based predict the insulation quality of high voltage rotating machines', International Conference on Mechanical and Electronics Engineering.
9. **Sathiyasekar, K**, Thyagarajah, K, Krishnan, A & Prakasam, K 2008, 'Application of BPN Algorithm for Evaluating Insulation Behaviour of High Voltage Rotating Machines', [Won the Best Paper Award], International Conference on Digital Factory, pp1200-1205.
10. **Sathiyasekar, K**, Prakasam, K, Krishnan, A & Thyagarajah, K 2008, 'Non-Destructive Testing of Motors by Partial Discharge Method', International Conference on Resources Utilization and Intelligent Systems, pp. 452-455.

11. **Sathiyasekar, K**, Thyagarajah, K, Krishnan, A & Ganesan V 2007, 'A Novel Partial Discharge Analysis In The Stator Winding Using Neural Network', Central Power Research Institute and IEEE Bangalore Section, pp 49.

National conference

1. **Sathiyasekar, K**, Thyagarajah , K, Ramesh, S, A & Prakasasm, K 2008, 'Condition Monitoring of Stator Winding Using Genetic Algorithm', National Conference on Application of Emerging Technologies.
2. Prakasam,K, Mythili,S, **Sathiyasekar, K** & Ramesh, S 2008, 'Enhance the Insulation Condition Monitoring of high Voltage Rotating Machines using Optimization Techniques', National conference on Recent Trends in Electrical, Electronics, Instrumentation and Communication Engineering.
3. Prakasam,K, Mythili,S, **Sathiyasekar, K** & Ramesh, S 2008, 'Enhance the Insulation Condition Monitoring of high Voltage Rotating Machines using Optimization Techniques', National Conference on Intelligent Techniques in Electrical, Electronics and Instrumentation Engineering.
4. **Sathiyasekar, K**, Thyagarajah , K, Pandey, RK & Prakasam, K 2008 , 'Assessing the Condition of Stator Winding Insulation in High Voltage Rotating Machines Using BPN Algorithms', National Conference on Reliability & Life Extension Techniques of Electrical Equipments in Power System.
5. **Sathiyasekar, K**, Arunkumar, S, Thyagarajah, K & Krishnan, A 2007, 'Non Destructive Testing of Rotating Machines by Partial Discharge Method', NCRTEEC 2007.
6. **Sathiyasekar, K**, Gokulkrishnan, A, Thyagarajah , K & Krishnan, A 2007 , 'Partial discharge analysis on rotating machines', National Conference on Extreme Engineering and Technological advancements-XETA -2k7.
7. **Sathiyasekar, K**, Thyagarajah, K, Krishnan, A & Sanavulah, MY, 2007, 'Non- Destructive Testing of 60MW Alternator using Neural Network', NSI-32.
8. **Sathiyasekar, K**, Thyagarajah, K, Krishnan, A & Ebenezer Jeyakumar, A 2005, 'Intelligent Traffic Management in ATM Networks', NCEIS – 2005.
9. **Sathiyasekar, K**, **Krishnan**, A & Mohansundram, K 2004, 'Design & Location of Lightning Mast for 400 kV / 230 kV substation', National Conference on Emerging Techniques in Electrical Engineering.
10. Kanagaraj, N, ChenthurPandian, S, Mohansundram, K & **Sathiyasekar, K** 2004, 'Fuzzy Logic with Embedded micro controller for Humidity Control', National Conference on Emerging Techniques in Electrical Engineering.

11. Mohansundram, K, ChenthurPandian, S, Kanagaraj, N & **Sathiyasekar, K, 2004**, 'Partial Discharge Measurement Techniques and PD testing by Straight Detection method', National Conference on Emerging Techniques in Electrical Engineering.
12. **Sathiyasekar, K**, Arumugam, S, Suganya,P & Anbalagan,N 2004, 'Direct stroke Lightning Protection', National Conference on Advancement in Electrical & Mechanical Engineering.
13. **Sathiyasekar, K**, Thyagarajah, K, Krishnan, A & Ebenezer Jeyakumar, A 2004, 'Partial Discharge Localization using Neural Networks', RTEE - 04.
14. **Sathiyasekar, K**, Thyagarajah, K, Krishnan, A & Ebenezer Jeyakumar, A 2004, 'Back Propagation Neural Network with Sigmoidal Function as slope parameter, RTEE - 04.

Dr.K.BOOPATHI

Nationality : Indian
Mobile : 91-44-22463993 / 9445798004
Email : boopathi.niwe@nic.in
LinkedIn : <https://www.linkedin.com/in/k-boopathi-mtech-92755030/>
NIWE : https://niwe.res.in/staff_profile_view.php?id=50



PROFILE SUMMARY

EDUCATION

Working as a scientist
Currently associated with Centre for Wind Energy Technology, Government of India, Chennai as a Senior Scientist, Grade "C"
Expertise in Wind farm site selection and analysis, Wind mast installation & equipment configuration, Wind data analysis, Micro survey, Micro siting, Small wind turbine testing and analysis, Wind turbine Noise measurement & analysis and Wind Power forecasting analysis

Bharathidasan University BE, MTech Energy Engineering REC Trichy Field Of Study MEchnaical
Dates attended or expected graduation
1990 – 1994

REC Trichy
Degree Name MTech Field Of Study Energy Engineering
Dates attended or expected graduation
2000 – 2002

WORK EXPERIENCE

Wind Energy Scientist

Company Name Centre for wind energy technology
Dates Employed Jan 2003 – Present
Employment Duration 18 yrs 3 mos
Location Chennai Area, India.

Scientist

Company Name Chennai
Dates Employed Jan 2003 – Present
Employment Duration 18 yrs 3 mos
Location Chennai, India



PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF INFORMATION TECHNOLOGY

PEC/NAAC/2020/IT/1.1.1.4 – MEMBERS OF AAC

Ref: Meeting dated 15.09.2019

With reference to the meeting held with various eminent academicians and industry experts, the Academic Advisory Committee has been constituted.

Name of the Member	Role	Designation and Profession
Dr.P.Chitra	Chairperson	HOD/Professor, Department of Information Technology
Dr.S.Sridhar	Academic Expert	Professor, Computer Science Engineering SRM University
Mr.P.Gokul Rajh	Industry Mentor	Associate Manager Accenture SG Services, Singapore
Mr.K.Vetrikumaran		Principal Software Engineer Oracle SAAS Cloud
Mr.M. Ravichandran	Technology Mentor	Manager, Training Division, ICT Academy
Mrs.R.Vaidehi Rajagopal	Parent Representative	Language Teacher S.B.O.A Mat. Hr.Sec.School P/O. Rohith Rajagopal, 2016 Passed out
Mr.M.Kirubanidhi		Chief Machine Analyst Royal Enfield P/O. K.Janani – 2017 Passed out
Mr.Manoj	Distinguished Alumni	Senior Software Engineer Gogo - 2009 Passed out
Ms.R.Sharadha		Software Engineer HTC Global Services – 2016 Passed out
Ms.S.Vishali		Application Developer IBM – 2018 Passed out

Name of the Member	Role	Designation and Profession
Dr.S.Padmapriya	Senior Faculty from another department	Professor, CSE dept.
Ms.V.R.Kavitha		Associate Professor, HOD, CSE dept.
Dr.R.Surekha		Professor, HOD, S&H (First year)
Ms.C.Kamatchi	Senior Faculty from department	Assistant Professor/IT
Mr.I.Mohan		Assistant Professor/IT
Ms.A.Subbarayudu		Assistant Professor/IT
Ms.J.Omana		Assistant Professor/ IT

Phulk

VISHALI SUDHARSON

vishalisudharson4@gmail.com

8939097531

Chennai-600124

PROFESSIONAL SUMMARY

Forward thinking System Engineer with over 2 years of experience in implementation, validation, migration and deployment of large complex systems.

WORK HISTORY

IBM – Associate System Engineer

Bangalore, Karnataka . 9th sept 2018 [Current]

ACCOMPLISHMENTS

Collaborated with the team of 5 in the development and deployment of chatbot application.

Enhanced the existing design and upgraded the application to drop downtimes and increase customer support.

SKILLS

HTML, JavaScript, JQuery.

IBM Watson Assistant, IBM Watson Discovery.

Cloudant, Node.js, github.

EDUCATION

B-TECH [IT] , Prathyusha Engineering College, India. May 2018.

Anna University rank Holder [46/50].

CERTIFICATIONS

Earned digital badges in Watson technologies and cognitive practitioner using IBM learning platform.

Application services using Java foundations.

HOBBIES

Mandala Art - It helps me to stay focused in the present.

SUBBARAYUDU AKKISSETTY

Phone : 9652195142

Email: rayudusa@gmail.com

SUMMARY

Aiming to achieve a challenging & successful career where I can make a significant contribution using my innovative ideas, knowledge, skills and experience with the objective of development & growth of the Organization.

KEY SKILLS

C, C++, Java	OOPS	S.E	CNS	Networks	D.S	Ms- Office &	Python	Cyber Security
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EDUCATION (SCHOLASTICS)

Course	Institution	Board/University	Year Of Passing	Marks in % / GPA
M.E	JAYA Engineering College, Chennai	ANNA UNIVERSITY CHENNAI	2007	75
M.Sc	S.V.University PG Centre,Kadapa	S.V.UNIVERSITY TIRUPATI	2001	56.91
Under Graduate Programme	R.S.J.Degree College, Sidhout	S.V.UNIVERSITY TIRUPATI	1999	62
Intermediate Board Certificate	SKM Jr College, Sidhout	Board of Intermediate Education, Andhra Pradesh	1996	69.1
Secondary School Certificate	Z.P.P.High School, Sidhout	Board of Secondary Education, Andhra Pradesh	1993	50

COMPUTER SKILLS

Programming Languages : C, C++
Web Programming Skills : HTML
Database : Oracle, MS-Excel
Operating Systems : Windows XP/7/8/10

PERSONALITY TRAITS

Good communication skills.
Self Motivate and Self Management.
Team - focused and goal oriented.

ACADEMIC PROJECTS

A Study on Changing Consumer Preference towards Organized Retail Sector from Unorganized Sector @ SPAR duration of 4 Months.

PROFESIONAL EXPERIENCE

- ❖ 2007-2008 Worked as Asst Prof, at Bhajarang Engineering College, Ayathur, Vemppampattu.
- ❖ 2001-2004 worked as Lecturer at Smt & Sri R.S.Janardana Degree College for Women, at Kadapa.

PERSONAL PROFILE

Name : Akkisetty Subbarayudu
Father Name : A. Narayana
Sex : Male
Date of Birth : 02nd June 1978.
Nationality : Indian.
Address : Mattam Street, Eguvapet, Siddhavattam-516237
Linguistic abilities : **To Speak** - English, Tamil and Telugu.
To Read and write - English, Telugu, Hindi .
Marital status : Married

DECLARATION

I hereby declare that all the above details furnished by me are true to the best of my knowledge and with full confidence. I assure that I will work hard for the development of my organization efficiently.

Place :

Date :

SUBBARAYUDU A



PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT ACADEMIC ADVISORY COMMITTEE MEMBERS

ACADEMIC YEAR : 2019-20

S. No.	Name of the Member	Role	Designation and Organisation
1	DR. P. JAYARAMAN	Chairman	Professor and Head, Department of Mechanical Engineering, Prathyusha Engineering College.
2	DR. R. RAJU	Academic Mentor	Professor, Department of Industrial Engineering, Anna University – CEG Campus.
3	DR. K. ANNAMALAI	Academic Mentor	Associate Professor, Department of Automobile Engineering, Anna University – MIT Campus.
4	DR. G. SARAVANAN	Industry Mentor	Product Manager, Caterpillar India, Thiruvallur
5	MR. V. MARIA ANTONY	Industry Mentor	Deputy General Manager (QA), Nissan India Motor India Pvt Ltd, Oragadam.
6	MR. P. MOHAMED ALI	Senior Faculty	Professor , Department of Mechanical Engineering, Prathyusha Engineering College.
7	DR. V. JAYASEELAN	R & D Coordinator	Professor , Department of Mechanical Engineering, Prathyusha Engineering College.
8	MR. N. GOPINATH	Internship & Project Coordinator	Associate Professor, Department of Mechanical Engineering, Prathyusha Engineering College.
9	MR. VIJAY GANESH SANTHANAM	Alumini Representative	Chief Operating Officer, Quality Water Management Systems, Ramapuram, Chennai