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- **Recognized as Leading Professor in India 2023**, by the e-magazine - BTalkz  
[List of Leading Professors from India 2023 - 2nd Edition \(businesstalkz.com\)](https://www.businesstalkz.com/2023/08/list-of-leading-professors-from-india.html)  
<https://www.businesstalkz.com/2023/08/list-of-leading-professors-from-india.html>
- Received the “**Outstanding Educator Award**” (from GreenThinkerZ, NITI Aayog, Govt. of India) and “**International Mentorship Award**” (I2OR)

**Summary :** A dignified academic professor with an established following and an in-depth knowledge in the discipline of Computer Science and Engineering / Information Technology. As Computer Science Professor with 23+ years in education who is focused on maximizing productivity, Training, Research and Education, and increasing the successful professional growth of students; moving with an objective to pursue a versatile and goal oriented career in my specialized area using my skills for the development of the organization and grow myself along with the organization. Believes in exceptional customer service is essential to success



## EDUCATION

- **September 2022 PhD in**  
*“Intelligent Systems  
Affective Computing”*  
**Anna University, Chennai.**
- **2005 – 2007 Master of Technology (M.Tech)**  
FIRST CLASS,  
Information Technology(IT)  
Sathyabama University, Chennai,  
TN,India.
- **1999 – 2002 Bachelor of Technology(B.Tech)**  
FIRST CLASS  
Information Technology (IT)  
Madras University, Chennai,  
TN, India.
- **1996 – 1999 Diploma in E.C.E (D.E.C.E)**  
FIRST CLASS With HONOURS  
SNPT,Chennai, DOTE,TN.



## EXPERIENCE : 23+ years

- 22 years 3 months in Teaching
- 1 year in Industry
- **2011 – 2025 (till date) HOD & Associate Professor**  
14 years  
Prathyusha Engineering College,  
Computer Science Engineering dept.  
Thiruvallur, Chennai, TN.
- **2003 – 2011 Assistant Professor**  
8 years  
M.N.M. Jain Engineering College,  
Information Technology dept.  
Chennai, TN.
- **2002 – 2003 Programmer**  
1 year  
iGreen Technologies Pvt. Ltd.  
Chennai, TN.



## HIGHLIGHTS

- **Recognized as Leading Professor in India 2023**, by the e-magazine - BTalkz [List of Leading Professors from India 2023 - 2nd Edition \(businesstalkz.com\)](https://www.businesstalkz.com/2023/08/list-of-leading-professors-from-india.html) <https://www.businesstalkz.com/2023/08/list-of-leading-professors-from-india.html>
- **Faculty Advisor for the Good Developer students club(GDSC)** nominated by Google India.
- **Grant of Rs.1,00,000/- (g Rupees One Lakh only) received from AICTE, Ministry of Education's Department of Higher Education Govt. of India, New Delhi for ATAL FDP Programme in December 2024.**
- **Selected for the Grant of Rs.10,000/-** for the ideas submitted in the Naan Mudhalavan AU – Niral Thiruvizha (Hakathon) project contest in 2023
- **Received Grant of Rs.5,00000 (Rupees Five lacs only) from AICTE for faculty development programme on “ Web Services and Application Development” during May 2013.**
- **Certified AWS Academy Graduate and Initiated AWS Academy Programme in PEC**
- **Technically sound in guiding and mentoring** students to participate in the National & International contests, hackathons and in project development.
- **Proficient in Outside World interactions** specifically in networking with Industries and International collaborations for establishing laboratories, new academic initiatives for value-added programmes, events and in placement support.
- **Profound Experience** in NBA,NAAC & IQAC process



## RESEARCH PUBLICATIONS

- **Publications** : **34** (*Scopus, SCI indexed(Annexure-I),UGC and IEEE journals*)
  - **International / National Journals** : **15**
  - **Book Chapter (Wiley/Taylor & Francis)** : **02**
  - **International / National Conferences** : **17**
  - **H-index** : **4**
- **International Certification** : **18**
- **Professional Society Membership** : **6**
- **Patents Filed** : **05**
- **Grant of Rupees 1 Lac received from AICTE,Govt of India, New Delhi for ATAL FDP Programme**

- **Having knowledge and experience in Research Proposal writing to various national research bodies.**

## **PAPERS PUBLISHED IN INTERNATIONAL JOURNALS**

1. **Thamba Meshach W**, Hemajothi S, Mary Anita E A, “Smart Affect Recognition System for Real-Time Biometric Surveillance Using Hybrid Features ad Multilayered Binary Structured Support Vector Machine”, *The Computer Volume 65, Issue 4, April 2022, Pages 897–917 Journal*, bxaa125, <https://doi.org/10.1093/comjnl/bxaa125> (SCI)
2. “Improved Data Security in Cloud Environment for Test Automation Framework and Access Control for Industry 4.0” **W Thamba Meshach**(3<sup>rd</sup> author), *Hindawi Wireless Communications and Mobile Computing Volume 2022, Article ID 3242092, 9 pages*, <https://doi.org/10.1155/2022/3242092> (SCOPUS 2023)
3. “Social Network Analysis: Book Recommendation System Using Sentimental Analysis”, **Thamba Meshach W**, *Neuro Quantology | September 2022 | Volume 20 | Issue 9 | Page 4789-4795 | doi: 10.14704/nq.2022.20.9.NQ44556, ISSN- 13035150, Anka Publishers, H-Index 28 (Scopus 2022)*
4. “Smart Automation System For Computer Laboratory Using Augmented Reality And IoT”, **Thamba Meshach W, Gokul.K, Guru.S, Goutham.D**, *Stard Research Journal, (2022), Volume 9 Issue 6, pp 199 – 203. (UGC Care II Journal)*
5. Affect Classification with Physiological Significant Parameters and Support Vector Machine, **Thamba Meshach W**, Hemajothi S, Mary Anita E A, *International Journal of Advanced Science and Technology Vol. 29, No. 5, (2020), pp. 9208-9213 (SCOPUS)* (<http://sersc.org/journals/index.php/IJAST/article/view/19001>)
6. “Industrial Internet of Things (IIoT) – An IoT Integrated Services for Industry 4.0 : A Review,” **Joyce Jacob J and Thamba Meshach W**, *International Journal of Applied Science and Engineering, 8(1): 37-42, June 2020, DOI: 10.30954/2322-0465.1.2020.5.*
7. “Smart Water Pollution Detection for Aquatic Life Protection using IoT and Mobile Cloud”, **Thamba Meshach W**, *Kannama R, Puviarasan S P, Pravin S M, Manoj Kumar C, Volume 83 Page Number: 14011 - 14014 Publication Issue: March - April 2020*
8. "Performance Analysis of Visual and Physiological Techniques for Affect Recognition System", *International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 6, page no.330-335, June-2019,*
9. “Stock Management in Restaurants”, *International Journal of Advanced Networking & Applications (IJANA) Published in Special Issue pp.165-167, 2019.*

10. "Effective Moving Object Detection Using Background subtraction in Complex Wavelet Transformation", International Journal of Innovative Research in Computer Science and Engineering (IJIRCSE) ISSN: 2394-6364, Volume – 1, Issue – 4. March 2015.
11. "Enhanced Vehicle Detection and Identification using Histogram of Oriented Gradients", International Journal of Engineering Research & Technology (IJERT), ISSN : 2278 – 0181, Vol .4, Issue.2(NCRTET-2015) pp.64 - 66 , Feb 2015.
12. "A survey on Object Detection and Object Tracking in Videos", International Journal of Scientific and Research Publications (IJSRP), ISSN: 2250 – 3153, Vol.4, Issue 11, Nov 2014.
13. "Secured and Efficient Authentication Scheme for Mobile Cloud", International Journal of Innovations in Engineering and Technology (IJET), ISSN:2319-1058, Vol.2, Issue.1, pp. 242 – 248, Feb 2013.
14. "Preventing Black hole attack in MANETs Using Randomized Multipath Routing Algorithm", International Journal of Soft Computing and Engineering(IJSCE) ISSN:2231-2307, Vol.1, Issue-ETIC 2011, pp. 30-33, Jan 2012
15. **Book Chapter** : "Integration of renewable energy sources into electric vehicle charging infrastructure" **Book Title:** Recent Advances in Sciences, Engineering, Information Technology & Management, ISBN 9781032983387, Published February 14, 2025 by CRC Press, PageNo 954 – 957.

#### **PAPERS PRESENTED & PUBLISHED IN NATIONAL / INTERNATIONAL CONFERENCES**

1. "PrivGuardNet: A Federated Transformer-Based Intrusion Detection System with Differential Privacy for Scalable Cybersecurity Defense", International Conference on Computing Methodologies and Communication (ICCMC 2025) (Paper Accepted) June 2025.
2. "Graph-Informed Neural Networks with Green Anaconda Optimization Algorithm Based on Automated Classification of Condition of Mental Health Using Alpha Band EEG Signal" **Published in: 2024 4th International Conference** on Sustainable Expert Systems (ICSES), , 15 – 17 2024, **IEEE Explorer 3<sup>rd</sup> December 2024**, Electronic ISBN:979-8-3315-4036-4,DVD,ISBN:979-8-3315-4035-7 (DOI: [10.1109/ICSES63445.2024.10763074](https://doi.org/10.1109/ICSES63445.2024.10763074)) (Scopus indexed)
3. **Published in IEEE Explorer** D. Selvapandian, **Thamba Meshach. W**, K. S. S. Babu, R. Dhanapal and J. I. D, "An Efficient Sentiment Analysis on Feedback Assessment from Student to Provide Better Education," 2020 Fourth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), Palladam, India, 2020, pp. 1293-1300, doi: 10.1109/I-SMAC49090.2020.9243594.( <https://ieeexplore.ieee.org/document/9243594>) (Scopus indexed)
4. "Blockchain Based Privacy Preserving Recommendation System (BPPRS) Using Digital Signatures" Thamba Meshach W , Shimona E, in the National conference on Emerging

Trends in Intelligent Systems and Smart Communications (ETISC-22) , Data Analytics and Artificial Intelligence, Vol:2(4),2022; DOI: <https://doi.org/10.46632/daai/2/4/14>

5. AUGMENTED REALITY BASED BUILDING MODELLING W Thamba Meshach<sup>1</sup>, R Kalaiselvan, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 03 | Mar 2020, p-ISSN: 2395-0072, pp:5299-5301.
6. “CLASSIFICATION OF EMOTIONAL STATES USING ECG SIGNALS AND SVM”, Thamba Meshach W, Saratha Preetha G, Monika M, Saranya G, International Research Journal of Engineering and Technology (IRJET), Vol: 07 Issue : 08, Aug 2020, p-ISSN: 2395-0072, PP.07-10.
7. “Computer Vision Based Text Scanners (Handwritten Character Recognition)”, in the National Conference on Advanced Computing Technologies(NCACT '19) organised by the department of Computer Science and Engineering in association with CSI & IEEE-CS , Velammal Engineering College, Chennai held on 16<sup>th</sup> March 2019.
8. “A Survey on Gesture Recognition System for Deaf and Dumb People Communication”, in International Conference on Smart Structures and Systems (ICSSS 2018) held on 16<sup>th</sup> October 2018, at Saveetha Engineering College, Chennai.
9. “Enhanced Vehicle Detection And Identification Using Histogram of Oriented Gradients” , in National Conference on Recent Trends in Engineering and Technology organized by Parisutham Institute of Technology and Science, Anna University, Chennai, TN, India, 20<sup>th</sup> Feb 2015.
10. “Cluster Based Security and Effective Extraction for Efficient Search”, National Conference on Advanced Computing Technologies(NCACT 2014), Velammal Engineering College, Anna University, Chennai, TN, India, 11<sup>th</sup> April 2014.
11. “Detection of Malicious Web Crawlers”, National Conference on “Cyber Security (NCCS 13)” organized by the department of Computer Science and Engineering, S.A. Engineering College sponsored by Defence Research And Development Organization (DRDO), New Delhi, Anna University, Chennai, TN, India, 27<sup>th</sup> March 2013.
12. “A Distributed Scheme for Routing Misbehaviour in DTN”, National Conference on “Advances in Computing Technology” organized by the department of Computer Science and Engineering, St. Joseph College of Engineering, Anna University, Chennai, TN, India, 6<sup>th</sup> March 2013.
13. “Preventing Black hole attack in MANETs Using Randomized Multipath Routing Algorithm”, National Conference on “Emerging Trends in Informatics and Computing, ETIC-2011, 15<sup>th</sup> & 16<sup>th</sup> December 2011, organized by the Department of Computer Science and Engineering in association with IEEE & CSI Student chapters of Prathyusha Institute of Technology and Management, Anna University, Chennai, TN, India. (ISBN 978-1-4675-0748-6)

## **PAPER REVIWER**

- Served as a **Reviewer in the International Conference 2024** organized by the Department of Computer Science and Engineering at Chandigarh University, Punjab.
- Served as a **Reviewer and Technical Programme Committee member for International Conference on Information and Communication Technology (ICoICT)**, Balli, Indonesia, May 27 – 29, 2015.
- Served as a **Reviewer for “International Conference on Education”**, organized by Universiti Malaysia Perlis in association with Malaysia Technical Scientist Association (MALTESAS), 2-4 June 2015 at Bali, Indonesia.
- Served as an **official designated Reviewer of International Symposium on Technology Management and Emerging Technologies (ISTMET 2015)**, Langkawi Island, Kedah, Malaysia, 25-27 August 2015.
- Served as a **paper reviewer for the 2011 IEEE International Conference on “Computer Applications and Industrial Electronics”**, Malaysia, 4<sup>th</sup> -7<sup>th</sup> December 2011.

## **INTERNATIONAL CERTIFICATES**

- Certified by **NVIDIA in DEEP LEARNING FUNDAMENTALS** Workshop
- **Certified by NVIDIA** for Building Video based AI Application using Jetson Nano Jan 2025
- Certified **IBM Enterprise Design Thinking Practitioner Certification**, by IBM
- **Certification in AWS Cloud Foundations** by Amazon Web Services
- **Microsoft Certified Educator**
- Completed Badge on **“Introduction to Generative AI” by Google Cloud**, from United Latino Students Association!
- Certification in **“Introduction to Cyber Security”** from **CISCO Network Academy**
- **Certification in Coursera Administrator Training & DATA SCIENCE** Certified by COURSERA ([www.coursera.org/verify/UKPTBYJSD95](http://www.coursera.org/verify/UKPTBYJSD95) )
- **Certified by Elisiever Research Academy** for the successful completion of Social Media for Researcher module.
- Certified in completion of **Introduction to Games development with HTML5** and Javascript, **Certified by Alison**. Certified no. 1454 – 14819658
- **YouTube Academy certification on “YouTube Analytics”**
- **IBM Cloud Computing Certification**, License 3PU-27/ERAD1/01
- **Google certification on “Google for Education (Basic)”** June 2014

- **Dale Carnegie Training Certification** on “High Impact Teaching skills”
- **IBM TGMC Mentor Certification & Certified Mentor for NPTEL Courses**
- **Received My Badge – ENTHUSIAST LEVEL 1 under Govt. of India**



## AWARDS / ACHIEVEMENT

- **Recognized as Leading Professor in India 2023**, by the online magazine BTalkz [List of Leading Professors from India 2023 - 2nd Edition \(businesstalkz.com\)](https://www.businesstalkz.com/2023/08/list-of-leading-professors-from-india.html) <https://www.businesstalkz.com/2023/08/list-of-leading-professors-from-india.html>
- Received the “**Outstanding Educator Award**” (from GreenThinkerZ, NITI Aayog) and “**International Mentorship Award**” (I2OR)
- **Received Grant of Rs.1,00,000/- (Rupees One Lakh only) from AICTE, Ministry of Education’s Department of Higher Education Govt. of India, New Delhi for ATAL FDP Programme**
- Received the appreciation certificate from the **National Centre for Coastal Research(NCCR), Ministry of Earth Sciences, Govt of India in recognition of my contribution to the Faculty Development Programme on "Advances of AI/ML in Geomatics for Coastal Research"** as Programme coordinator and session speaker, 12<sup>th</sup> – 16<sup>th</sup> June 2023.
- Received the “**Best Department Award**” in Prathyusha Engineering College, under my headship as HOD in the academic year 2022-2023.
- Received **Certificate of Appreciation from DIET, Govt of Tamilnadu** for Training PG School Teachers of Thiruvallur District in “**AI Tools for Education**”
- **Google Faculty Advisor** – Nominated by Google India for Google Developer Group for Prathyusha Engineering College Campus.
- **Initiated 24hrs Continuous Event - CODEATHON Event** at Prathyusha and Received the best event of the year award.
- Initiated & Faculty SPOC for the Association of Computing Machinery Student Chapter (PEC ACM)
- Awarded as **Best Teaching Staff** of the department of Information Technology, in MNM Jain Engg. College, Chennai.
- **Received International Mentorship Certified** in June 2024, awarded by I2OR

- Initiated **Google Cloud Career Readiness Programme** and being a SPOC for Prathyusha Engineering College
- Initiated **MoU with MIT Square London for RAISE programme** at Prathyusha Engineering College.
- **Certified Mentor for SMART INDIA HACKATHON 2020** for the students participated in the SIH 2020, Software Edition Grand Finale held on 1<sup>st</sup> – 3<sup>rd</sup> August 2020
- **Internal Project coordinator & Guide for the E-Governance project development in National Informatics Centre (NIC) ,Govt. of India.**
- **Initiated Oracle University programme** in Prathyusha Engineering College.
- **Initiated DELL's Academic Alliance programme** in Prathyusha Engineering College
- **Developed 3 skills for Amazon Alexa**, live in Amazon Alexa store.
- **Certified Coursera Administrator & Initiator of Coursera for Campus Programme** at Prathyusha Engineering College.
- Participated & Certified as **Faculty mentor in DST & Texas Instruments India Innovation Challenge Design Contest 2019.**
- **Guided four pre-final year CSE students** of Prathyusha Engg. College, to develop Windows 8 Apps, which is selected by Microsoft, India **to participate in Microsoft Guinness Record and the participated students were awarded with Guinness Record Holder Certification.**
- **Internal Project coordinator & Guide** for the Development of **Mobile Apps on WINDOWS 8.1 for National Institute of Wind Energy (NIWE) an autonomous R&D institute by the ministry of New and Renewable Energy (MNRE), Govt. of India**, through Prathyusha Institute of Technology and Management, Chennai.
- **Internal Project coordinator & Guide** for the Development of **Mobile Apps on Android version for National Institute of Wind Energy (NIWE) an autonomous R&D institute by the ministry of New and Renewable Energy (MNRE), Govt. of India**, through Prathyusha Institute of Technology and Management, Chennai
- **Initiated MoU with IBM for IBM Career Education programme** in Prathyusha Engineering College.
- **Established IBM India's First cloud computing Laboratory** in Prathyusha Engineering College.
- **Established CISCO Network Academy** in Prathyusha Engineering College.
- **Initiated Software Technical clubs (15)** at Prathyusha Engineering College

- **Initiated Microsoft Student Partners (MSP)** programme in Prathyusha Engineering College.
- **Initiated Microsoft Virtual Academy (MVA)** programme in Prathyusha Engineering College.
- **Initiated Mozilla Student Ambassador Programme** in Prathyusha Engineering College.
- **Secured 100% in Computer Graphics** subject during 2016-17, 2017-2018 academic years & **100% result in Database Technology** subject during 2011-12, academic year in Prathyusha Engineering College. ( All subjects produced pass percentage above 80%)
- **Received IBM Mentor Certification** for Participating in “Great Mind Challenge 2010” – A National Software development programme by IBM.
- Certified by DALE CARNEGIE TRAINING Associates for the successful completion of the Workshop on “HIGH IMPACT TEACHING SKILLS” organized by **WIPRO**.
- **Initiated Department Newsletter** – “PACE TIMES” for the department of Computer science and Engineering in Prathyusha Engineering College.
- **Initiated Department Newsletter** – “HACK IT” for the department of Information Technology in MNM Jain Engineering College, Chennai.
- Honoured with **Associate Membership** of MAX Academy for Excellence.
- Organized & coordinated quite a good number of **National Level Events - Workshops, FDP’s, Trainings in association with Industries & reputed Institutes.**



## RESPONSIBILITIES HELD

- **Head of the Department of Computer Science and Engineering and ITES (IT Enabled Services) department @ Prathyusha Engineering College.**
- **Google Developer Students Club Faculty coordinator for Prathyusha Engineering College, by Google**
- **Amazon AWS Academy Coordinator and Point of Contact.**
- **Google Cloud Readiness programme coordinator**
- **Coursera Campus Coordinator & Admin for COURSERA for Campus programme.** ([www.prathyusha.edu.in/coursera](http://www.prathyusha.edu.in/coursera))
- **Faculty SPOC for Association of Computing Machinery Student Chapter (PEC ACM)**

- **Single point of Contact & Coordinator for Oracle University** programme in Prathyusha Engineering College, Chennai.
- **Single point of Contact & Coordinator for DELL's Academic Alliance** programme in Prathyusha Engineering College, Chennai.
- **IBM Career Education** programme Coordinator in Prathyusha Engineering College.
- **Social Media Champion of Ministry of HRD's social account** for Prathyusha Engineering College.
- **Software Technical Clubs (15) Coordinator** at Prathyusha Engineering College, Chennai during 2016 – 19.
- **Faculty Incharge for Computational Creativity Centre of Learning** at Prathyusha Engineering College
- **IQAC coordinator** for the department of CSE at Prathyusha Engineering College, Chennai
- **NBA& NAAC Coordinator** for the Department of CSE in Prathyusha Engg. College
- **Digital Media In-charge & Head – College Website maintenance**, FB, LinkedIn, Instagram & YouTube
- **Advisory Committee Member** for the International Conference on Computing Communication and Control (ICCCC-2k20) organised at Sairam Engineering College, Chennai in association with IFERP.
- **Advisor for IEEE Computer Society Chennai Chapter** at Prathyusha Engineering College
- **Certified Mentor for NPTEL and Naliya Thiran Programme**
- **Organized & had been a Resource person for a One-day Workshop on** a cross platform Mobile App development tool –“XAMARIN” in Prathyusha Engineering College.
- **Organized & had been a Resource person for a One-day Technical Seminar on** the “Insights of YouTube” in Prathyusha Engineering College.
- **Organized a Campus Corporate Connect (CCC '17) Event** – to create the awareness of Social & Professional networks use & access methods to connected with corporate @ Prathyusha Engineering college.
- **Organizing & Technical committee member** in the 45th Mid-Term Symposium on “BROADBAND – TECHNOLOGIES AND SERVICES FOR RURAL INDIA” organized by SRM University & IETE-Institution of Electronics and Telecommunication Engineers(India)

- **Student Mentor & Coordinator for International Programming Contest** in Prathyusha Engineering College
- **Industry-Institute Partnership cell member** in Prathyusha Engineering College
- **Laboratory In-charge for India's First IBM Cloud Computing Laboratory** at Prathyusha Engineering College.
- **International Programming Contest coordinator** – ACM ICPC, TGMC, GOOGLE CODE JAM , for the students of Prathyusha Engineering College
- **Coordinator for the National Level Workshop series on Graphics & Gaming using Unity Tool** in association with **IIT Mumbai, Innovation Cell**, held in Jan 2018.
- **Coordinator for the India's First National Level Cloud Computing Championship Contest** in association with **IIT Bhubaneswar**, held in Feb 2015.
- **Coordinator for the India's First National Level Network Security Contest cum Workshop** in association with **IIT Delhi**, held in Jan 2014.
- **Coordinator for the National Conference – “ETIC 2011”**, organized by the department of CSE, PITAM held on 15<sup>th</sup> & 16<sup>th</sup> December 2011.
- **Coordinator for the State Level Technical Symposium** conducted by the department of Information Technology, MNM Jain Engg. College on 25<sup>th</sup> February 2011.
- **Co-Coordinator for the AICTE sponsored National Level Staff Development Program**, organized by the Department of Information Technology, MNM Jain Engg. College, during May 2010.
- **Coordinator for the State Level Technical Symposium** conducted by the department of Information Technology, MNM Jain Engineering College on 26<sup>th</sup> February 2010.
- Served as a **College Council Member** of MNM Jain Engg. College for the academic year 2006-2007.
- Worked as a **Core Committee Member in the Research & Development (R&D)** of MNM Jain Engg. College & Prathyusha Engineering College.
- Worked as a **Member in the Admission Committee** of Prathyusha Engineering College & MNM Jain Engineering College.

## INTERNSHIP

- Undergone 7days Internship programme on **Analytics using Python Programming at CIRF- Computational Intelligence Research Foundation, Chennai**, during May 2018.

## TECHNICAL SKILLS

- **Programming Languages** : C, C++, JAVA, Python
- **Operating Systems** : Windows, UNIX,LINUX
- **Web Technologies** : JSP, Java Script, HTML,working experinece in CMS - WORDPRESS
- **Working experience in Google CoLabs, CV tools, AI Tools**
- **Development Tools/IDE** : VisualStudio.NET 2003,Netbeans,Eclipse, Dreamweaver
- **Graphical Tools** : PHOTOSHOP, Blender, other online design tools

## PROJECTS GUIDED

- **Certified Mentor for SMART INDIA HACKATHON 2020** for the students participated in the SIH 2020, Software Edition Grand Finale held on 1<sup>st</sup> – 3<sup>rd</sup> August 2020
- **Internal Project coordinator & Guide for the E-Governance** project development in **National Informatics Centre (NIC) ,Govt. of India.**

GRADUATES /DEGREE	No. OF PROJECTS	DOMAINS
Under-Graduates – B.E(CSE) & B.Tech(IT)	92	Machine Learning, Internet of Things (IoT), Computer Vision, Affective Computing, Wireless Sensor Networks, Adhoc Networks, Mobile Technologies, Cloud Computing, Big-Data, Networking, Cryptography, Security, Ethical Hacking, Image Processing, Pattern Recognition, Operating Systems, System Software's, Video Processing
Post -Graduates – M.E (CSE)	15	

## PROFESSIONAL BODY MEMBERSHIP

- **Life Member in INDIAN SOCIETY FOR TECHNICAL EDUCATION(ISTE), India,** Membership No. - LM 99704.
- **Member in Association of Computing Machinery (ACM Member Id : 1078326)**
- **Annual Member in the Computer Society of India(CSI) , Chennai Chapter,** Membership ID : **7021230036.**

**Annual Member in THE INDIAN SCIENCE CONGRESS ASSOCIATION, (Sec: Information & Communication, Science & Te**

- **Active Professional member of the Institute For Engineering Research And Publication (IFERP), India.** Membership No. PM7561598.
- **Member in International Association of Engineers (IAENG)** for the society of Artificial Intelligence and Computer Science. Membership no. 189630.
- **Member in Internet society forum : ISOC Chennai Chapter**
- **Member in Global Network of Doctorates and International Professors Project.(Linkedin)**

## OUTSIDE WORLD INTERACTION

### **With Industries :**

- **Faculty Advisor for Google Developer Group (GDG) 2023-24, 2025-26 Programme**
- **Amazon AWS Academy Coordinator and Completed the Academy Admin Certification** from Amazon.
- **IBM Career Education Programme** coordinator and Point of Contact for Prathyusha Institute of Technology and Management with **IBM India Pvt. Ltd.**
- **Participated in the Intel AI for ALL Programme** and completed AI aware & Appreciate stage on 9<sup>th</sup> Jan 2022
- **Campus Coordinator & SPOC** for Coursera for Campus Programme.
- **Oracle University Program** coordinator and single point of contact for Prathyusha Engineering College in association with **Oracle India Pvt. Ltd**
- **Amazon India Pvt. Ltd** – Participated in AWS Academy Educators Meet 2019, Chennai, held on 7<sup>th</sup> Feb 2019.
- **Salesforce** – Participated in Salesforce Academic Summit 2018, held on 8<sup>th</sup> May 2018 at ITC Grand Chola, Chennai
- **Infosys Technologies Pvt. Ltd.** - Infosys Campus Connect Faculty member for Prathyusha Engineering College
- **Wipro Pvt. Ltd.** – Wipro’s Mission 10x Programme coordinator and point of contact for Prathyusha Engineering College.
- **Microsoft India Pvt. Ltd.** - Microsoft Student Partnership & Associate programme coordinator for students of Prathyusha Engineering College
- **MNRE, Govt. of India** – Project Guide for Mobile Apps Development.

- **National Informatics Centre (NIC), Govt. of India** - Internal guide and Project Coordinator for E- Governance Projects.
- **BRIDGE 2019** – Participated in the Largest Industry – Institute Interaction event of Asia, held on 31<sup>st</sup> January 2019 at Hotel Le Royal Merdien, Chennai.
- **Dell's EMC<sup>2</sup> Academic Alliance Program** point of contact & Coordinator for Prathyusha Engineering College
- **Griffin InfoSystems Pvt. Ltd** – Android workshop programme coordinator.
- **Consultant for** Bethel Engineering Industries and Consign IT Pvt. Ltd.
- **Employer Trainer** - Tally software to employees at Bethel Engineering Industries, Chennai India.

#### **With Institutes:**

- Imitated and Executed MOU signing with 5 industries (Zoho, AAI, C1X, BenHive Technologies, & DataTwin) for the Computer Science and Engineering department at Prathyusha Engineering College in the academic year 2024-25.
- Resource Person for Training Higher Secondary School Teachers (Government of Tamilnadu) on Artificial Intelligence Tools.
- Question Paper setter for St. Joseph Group of Institution (An Autonomous Engineering Institution) in Chennai.
- Invited to deliver Guest Lecture on “ Computer Graphics” & “ LinkedIn Technologies” to the PG students of MCA department of Sri Manukula Vinaygar Engineering College, Puducherry (Autonomous Institution) on 27<sup>th</sup> Nov 2020.
- **Question Paper setter** for Programming Papers in ANNA UNIVERSITY, Chennai during 2020 – 21 academic year.
- **Question Paper setter** for Sri Manukula Vinaygar Engineering College, Puducherry (Autonomous Institution) during 2019 – 20.
- **IIT Madras – Pan IIT Alumni Leadership Series(PALS)** programme coordinator for for students of Prathyusha Institute of Technology and Management.
- **ACM, IIT Delhi** – Coordinator for National Level Network Security championship workshop cum contest held during 24th & 25th Jan 2014.
- **IIT Bhubansewar** – Coordinator for National Level Cloud Computing workshop cum contest held during 20th & 21st Feb 2015.
- **Question paper setter for Bannari Amman Institute of Technology** (Autonomous Institution, Affiliated to Anna University, Chennai, Tamilnadu, India during 2015-16)

- **SRM University, India & IETE-Institution of Electronics and Telecommunication Engineers(India)** - Organizing & technical committee member in the 45th Mid-Term Symposium on “**BROADBAND – TECHNOLOGIES AND SERVICES FOR RURAL INDIA**”

### **Number of FDP / WORKSHOP / SEMINAR/ WEBINAR/CERTIFICATIONS**

<b>Faculty Development Programme[FDP]</b>	<b>WORKSHOP</b>	<b>SEMINAR / WEBINAR</b>	<b>CERTIFICATION COURSES</b>
20	26	21	16

### **FACULTY DEVELOPMENT PROGRAMME**

- Participated in the Six-Days Faculty Development programme on “**Exploratory Data Analysis and Visualization**” organized by Electronics & ICT Academy - IIT Roorkee, September 2024
- Participated in the Six-Days Professional Development programme on “**Designing and Developing Educational Media**” organized by **NIITR, Chennai, July 2024**
- Participated in the Five-Days Faculty Development programme on “**Recent Advances in AI**” organized by **Jerusalem College of Engineering, Chennai, 8<sup>th</sup> – 12<sup>th</sup> Jan 2024**
- Participated in the Professional Development programme on **DATA ANALYTICS training conducted by NITTR, Chennai, Ministry of Education, Govt of India.** From 17<sup>th</sup> – 20<sup>th</sup> July 2023
- Participated in the FDP on Cyber Security in Post-Quantum World organized by the School of Computer Science and Engineering from 14<sup>th</sup> – 18<sup>th</sup> November 2022 held at Vellore Institute of Technology (VIT), Chennai.
- Participated & completed successfully **FDP on “Data Science: Hands-On with Python, Keras and Tensorflow”** from 14-9-2020 to 18-09-2020, organised by the School of Computer Science, **Vellore Institute of Technology – VIT, Chennai.**
- Participated & completed successfully **AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence"** from 30-04-2020 to 04-05-2020 at College of Technology and Engineering, Udaipur.
- Participated in the online FDP on “**Inclusive Procedures and Processes in Assessment and Accreditation by NAAC**” organised by the IQAC of St.Joseph’s college (Autonomous), Tiruchy, from 30<sup>th</sup> – 4<sup>th</sup> June 2020
- Participated & completed successfully **AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences"** from 7-9-2020 to 11-09-2020.

- Participated in Faculty development programme on **“Pedagogy and Active Learning”** by INFOSYS Pvt. Ltd, on Nov 2019 at Prathyusha Engineering College.
- Participated in Two days Faculty Development Programme on **“Blockchain of Things (BCoT)”** in December 2018, at Prathyusha Engineering College, Chennai.
- Participated in Two Day Faculty Development Programme on Leadership Skills on 6<sup>th</sup>& 7<sup>th</sup> December 2017 organized by ICT Academy at Prathyusha Engineering College.
- Participated in Faculty Development Programme on **“Data Analytics using R- Tool”** at Prathyusha Engineering College, during May 2017.
- Participated in the Faculty development and Training programme on **“Remote Sensing and Geographical Information System”**, at Prathyusha Institute of Technology and Management, Anna University, Chennai, TN, India, from 18<sup>th</sup>& 19<sup>th</sup> December 2014.
- Participated in the Faculty development programme on **“Wireless Network Security”**, organized by the Department of Computer Science and Engineering in association AICTE, Newdelhi, at Prathyusha Institute of Technology and Management, Anna University, Chennai, TN, India, from 15<sup>th</sup> -28<sup>th</sup> April 2013.
- Participated in the Faculty development programme on **“Web Services and Applications”**, organized by the Department of Computer Science and Engineering in association AICTE, Newdelhi, at Prathyusha Institute of Technology and Management, Anna University, Chennai, TN, India, from 6<sup>th</sup> -19<sup>th</sup> May 2013.
- Participated in the Faculty development programme on **“Programming with Distributed Middlewares”**, organized by the department of Information Technology, M.N.M Jain Engineering college, Anna University, Chennai, TN, India from 31<sup>st</sup> May to 13<sup>th</sup> June 2010.
- Participated in the **Faculty Enablement Program** on **“FOUNDATION PROGRAM – GENERIC COURSES”** held at Chennai from 11<sup>th</sup> – 23<sup>rd</sup> June 2006, organized by **INFOSYS TECHNOLOGIES LIMITED**.

#### **PARTICIPATED IN WORKSHOPS / CONFERENCES**

- Participated in the **Two-day virtual workshop on 5G Communication Landscape in India : Emerging Opprtunities and Challenges** organized by IISC, Bangalore September 2024
- Participated in the **One-day virtual conference on Intellectual Property and startups** organized by Tunip Innovation and Qualcomm, 20<sup>th</sup> Jan 2024
- Participated in the Professional Developemnt workshop on **DIGITAL CREATIVITY SKILLS under Adobe Academic Essential Programme by Adobe, India**
- Participated in the International Workshop on **“Breakthrough Technologies for Engineering Education and Research”**, conducted by NITTR (Ministry of Education Govt. of India) Chennai in association with Liquid Instruments, USA and ARK solutions New Delhi on 20<sup>th</sup> Jan 2023.

- Participated in the Online Workshop on Blockchain and its Applications organized by the Network Security Research group & School of Computer Science and Engineering (SCOPE) from 14<sup>th</sup> – 15<sup>th</sup> July 2022.
- Attended one-day workshop on **“IoT Applications for Industrial Automation”** organized by CSIR – Central Scientific Instruments Organisation (CSIO), Chandigarh on 19<sup>th</sup> May 2021
- Participated and successfully qualified in the exam of three days **“Online Research Methodology Workshop”** from 18<sup>th</sup> – 20<sup>th</sup> April 2020, organised by REST Society for Research International.
- Attended One-Day National Level Workshop on **“NLP with hands-on Amazon ALEXA SKILL”** held on 30<sup>th</sup> November 2018 organised by SRM University, Chennai.
- Attended One-day workshop on **NBA Awareness Workshop** organized by Anna University, Chennai on 4<sup>th</sup> August 2018.
- Attended National Level workshop on **PYTHON Programming** held on 19<sup>th</sup> August 2017 at Prathyusha Engineering College, Chennai.
- Participated in **Pre-conference workshop on “Energy Audit – Case Studies and Best Practices** organized by MNM Jain Engg College in Association with CSIR – CSIO, Chennai, on 27<sup>th</sup> April 2017.
- Two days workshop on **“CLOUD COMPUTING TECHNOLOGIES & SERVICES”** organized by IIT Bhubaneswar Prathyusha Engineering College, on 20<sup>th</sup> & 21<sup>st</sup> February 2015.
- Two days workshop on **“VIDEO ANALYTICS”**, organized by AU-KBC Research Centre at MIT Campus, Anna University, Chennai, on 10<sup>th</sup> & 11<sup>th</sup> October 2014.
- Participated in Department of Science and Technology, Government of India, Sponsored two days National level workshop on **“Integrated Coastal Zone Management”**, organized by Prathyusha Institute of Technology and Management, Chennai, on 29<sup>th</sup> & 30<sup>th</sup> April 2014.
- Participated in two days workshop on **“NATIONAL NETWORK SECURITY”** organized by ACM, IIT Delhi at Prathyusha Institute of Technology and Management, on 24<sup>th</sup> & 25<sup>th</sup> January 2014.
- Participated in two days workshop on **“ANDROID APPLICATION DEVELOPMENT”**, organized by Griffin Infosystems Pvt. Ltd. at Prathyusha Institute of Technology and Management, on 26<sup>th</sup> & 27<sup>th</sup> September 2013.
- Participated in All India Council of Technical Education (AICTE) sponsored National Level workshop on **“CYBER CRIME AND ETHICAL HACKING”**, at Prathyusha Institute of Technology and Management, Chennai, on 11<sup>th</sup> May 2012.

- Participated in two days workshop on “**HIGH PERFORMANCE COMPUTING**” organized by Anna University, Chennai at MIT Campus Chennai, 8<sup>th</sup> & 9<sup>th</sup> December 2011.
- Participated in the “**Free Open Source**” (FOSS) workshop on 4<sup>th</sup> August 2011 by Cluster Soft Technology, Chennai organized by PITAM FOSS Club.
- Participated in the “**Engineering Faculty workshop – Mission 10X**”, organized by WIPRO Technologies Pvt. Ltd and Indian Society for Technical Education (ISTE) at Misrimal Navajee Munoth Jain Engineering college, Chennai, 18<sup>th</sup> May – 22<sup>nd</sup> May 2009.
- Participated in the state level workshop on “**RESEARCH METHODOLOGY**”, organized by the department of Information Technology, Misrimal Navajee Munoth Jain Engineering college, Chennai, on 28<sup>th</sup> March 2008.
- Participated in the one day workshop on “**MOBILE COMPUTING**”, organized by the department of Information Technology, Misrimal Navajee Munoth Jain Engineering college, Chennai, on 1<sup>st</sup> October 2005.
- Participated in the Indian Society for Technical Education (ISTE – TN &P) sponsored National level workshop on “**NEURAL NETWORKS AND FUZZY TECHNOLOGY**”, on 17<sup>th</sup> September 2004.
- Participated in All India Council of Technical Education (AICTE) sponsored National Level workshop on “**INDUSTRIAL POLLUTION IN TAMILNADU – STATUS AND CONTROL**”, at Misrimal Navajee Munoth Jain Engineering college, Chennai, on 17<sup>th</sup> July 2004.

#### **SEMINARS / WEBINARS ATTENDED**

- Participated in the Webinar on “**Intrduction to Devops**” held on 20<sup>th</sup> June 2020, organised by the department of Computer Science and Engineering, Sri Ramakrishna Institute of Technology, Coimbatore.
- Participated in the 3-day Webinar Series on “**Role of IOT in Smart City Development**”, held from 10<sup>th</sup> June 2020, organised by Kumaraguru College of Technology, Coimbatore.
- Attended the online Faculty Focus Program Webinar on “**Experiential Learning using Virtual Labs**” on 30<sup>th</sup> May 2020, organised by UNITEUP Pvt Ltd.
- Attended the Webinar on “**Teacher to Educational Leader**” on 23<sup>rd</sup> April 2020, hosted by Colombo Plan Staff College.
- Attended the Webinar on “**ICT Application in Teaching and Learning**” on 22<sup>nd</sup> April 2020, hosted by Colombo Plan Staff College.
- Participated in the Insightful Fridays of skycampus Digital Knowledge Webinar Series, held on 19<sup>th</sup> June 2020, hosted by ICT Academy.

- Participated in the Webinar series on “Outcome Based Education”, held on 14<sup>th</sup> & 15<sup>th</sup> May 2020, organised by PEC-IQAC, Chennai.
- Participated in one-day National seminar on “**Guidelines for Drafting Resesarch Proposal & Patent and Journal**” on 3<sup>rd</sup> August 2018
- Participated in All India Council of Technical Education (AICTE) sponsored National seminar on “**FAST ANALTICS OF BIG DATA & ITS SECURITY ISSUES**”, organized by the department of computer science and engineering, Prathyusha Institute of Technology and Management, Chennai, on 20<sup>th</sup> November 2013.
- Participated in the Oracle Higher Education Seminar on “**TRANSFORM HIGHER EDUCATION**” **organized by Oracle Corporation**, India on 21<sup>st</sup> August 2013 at Taj Connemara, Chennai.
- Participated in CSIR Sponsored National Seminar on “**SUSTAINABLE E-WASTE MANAGEMENT & RECYCLING STRATEGES**”, organized by the department of computer science and engineering, Prathyusha Institute of Technology and Management, Chennai, on 4<sup>th</sup> January 2013.
- Participated in CSIR Sponsored National Seminar on “**OZONE DEPLETION AND GLOBAL WARMING**”, organized by the department of computer science and engineering, Prathyusha Institute of Technology and Management, Chennai, on 8<sup>th</sup> November 2011.
- Attended Webinar on “**MS Azure**” by Microsoft
- Attended Webinar on “**Machine Learning for Predictive Analytics**”

## SUBJECTS TAUGHT

- |                                   |                                    |
|-----------------------------------|------------------------------------|
| • Programming Languages           | • Operating System Lab             |
| • Computer Networks               | • System Software Lab              |
| • Computer Graphics               | • Object Oriented                  |
| • Component Based Technology      | • Programming Lab (C++,Java)       |
| • Mobile Computing                | • Database Technology              |
| • Web Technology                  | • Artificial Intelligence          |
| • Cryptography & Network Security | • Network and Information Security |
| • Information Coding Techniques   | • UI & UX Design                   |
| • Data Structures                 | • Digital Marketing                |
| • Operating Systems               | • Text and Speech Analysis         |
| • Software Component Lab          |                                    |
| • Networks Lab                    |                                    |

## LINGUISTIC PROFICIENCY

- English (Read, Write, Speak)
- Tamil (Read, Write, Speak)



## PERSONAL DETAILS

- **Date of Birth** : 15/06/1981
- **Age** : 43yrs
- **Sex** : Male
- **Marital Status** : Married
- **Spouse Occupation** : Govt. Doctor
- **Nationality/Religion** : Indian / Christian
- **Communication Address:** CF2-HPK Star Promenade, First Floor,  
Sarangapani Nagar, Madhavaram,  
Chennai – 600060, Tamilnadu,India
- **Email** : [twmeshach@gmail.com](mailto:twmeshach@gmail.com)  
[meshachjc@gmail.com](mailto:meshachjc@gmail.com)
- **Contact No** : 91 9840617030
- **Passport No.** : P / T6203593

➤ chnology),India

Membership No. – A46. **Country Visited** : Sultanate of Oman

*I hereby declare that all the information provided by me in this application is factual and correct to the best of my knowledge and belief.*

*Yours truly,*

**(W.Thamba Meshach)**