



PRATHYUSHA ENGINEERING COLLEGE

Student Branch Code : STB 04311(School code:60042773)
Name of the Institution : Prathyusha Engineering College
(Formally Prathyusha Institute of Technology and Management)
Address of the Institution : Aranvoyaluppam
Tiruvallur-Poonamallee Road
Tiruvallur-602025
City/Town of the Institution: Chennai

IEEE Coordinator: Dr. M.Moorthi,Professor/ECE

IEEE STUDENT AND STAFF MEMBERSHIP (2015)- 2015-2016

S.NO	BRANCH	YEAR/SEC	STUDET NAME	MEMBERSHIP NO
1	ECE	III Year/A	E.Gomathi	94440597
2		III Year/A	J.Vinci	94440646
3		III Year/C	K.Smirithi	94440649
4		III Year/C	Nandhini.R	94440631
5		IV year/B	R.Karthika	94440633
6		IV year/D	G.Shobana	94440643
7		IV year/D	Vaideki	94440654

S.No	Department	Full Name	MEMBERSHIP NO
1	ECE	Ms G.Premalatha	93993033
2		Dr. M.Moorthi	92287558

STAFF MEMBERSHIP

S.No	Faculty Name	Department	Membership Number
1	Dr.V.Thulasibai	Vice Principal/ECE	41361964
2	Dr.M.Moorthi	Associate Professor/ECE	92287558

STUDENT MEMBERSHIP

Department of ECE

S. No	RegNo	Student Name	Membership Number
1	111412106064	SRI KISHORE. H	93436051
2	111412106071	JAYASHREE. D	93436145
3	111412106075	JOTHILAKSHMI. J	93436052
4	111412106147	R.OVIYA	93454710
5	111412106143	K.NITHYA	93454520

Details of IEEE Activities in the year 2015-2016

Sl. No.	Event Date/s	Event Type Guest lecture / Technical Talk/ DLP Talk/ Awareness Pgm/ Seminar/ Workshop/ Conference	Topic of the Event	Resource Persons
1	30/10/2015	Technical Talk/	Newer Vista in Science	Mrs. Amutha , Deputy Director, Regional Meteorological Centre C. P. Thiyagarajan , Director, Centre for University and Industry Collaboration
2	29/10/2015	Workshop	Application Of Evolutionary Computing Techniques In Power Systems Optimization Problem	SCSVMV UNIVERSITY
3	27/10/2015	Conference	Role of energy efficiency in development of renewable energy for sustainable environment	CWET and MNRE

4	19/10/2015	Workshop	Antenna & its Applications	Mr.Kalyan, Trainee,Computer Simulation Technology India Pvt. Ltd. Bangalore
5	30/09/2015	Seminar	“Overview of Electronics”	Dr. V. Thulasibai , Vice-Principal,PITAM
6	27/08/2015	Guest Lecture	Linear Integrated Circuits and its Application	Dr.Sabitha Ramakrishnan Assistant Professor Instrumentation Engineering MIT campus Anna University
7	19/08/2015	Guest Lecture	“Fundamentals of signal systems and its Applications”	Lt.Col.John Prince, Quality Assurance Officer, Ministry of Defence
8	10/08/2015	Guest Lecture	“Fundamentals of Digital Electronics and its Applications”	Prof. G. T. Manohar, Sr.Prof. EEE-IITM (Retd.)
9	04/08/2015	Guest Lecture	“Overview of fiber optics”	Dr.S.K.Srivatsa Senior Professor /CSE
10	22/07/2015	Seminar	“Opportunities in Abroad for higher studies”	Dr. V. Thulasibai , Vice-Principal,PITAM
11	22/07/2015	Industrial Visit	Visit to the fermentation and bottling Unit	Mr. Shankar HR, Manager United breweries (Kingfisher) Pvt. Ltd.
12	15/07/2015	Seminar	“Digital Transformation “	Mr.T.V Vedantha Desigan, Polaris FT,Chennai
13	23/06/2015-31/06/2015	Training	“Introduction to Robotics”	Dr.M.Moorthi Associate Professor/ECE Mr.Dilliraj, Assistant ProfECE Mr.Ajin, Assistant ProfECE Ms.S.Inbalakshmi, Assistant Prof-II/ECE Mr.N.Nagaraj, Assistant Prof-II/ECE
14	2.5.15&3.5.15	Training	Training on MATLAB and LATEX	Dr.Gopikrishnan Asso Prof/CSE PITAM
15	04/02/2015	Guest Lecture	“Introduction to Electronics”	Prof. G. T. Manohar, Sr.Prof. EEE-IITM (Retd.)

16	28/01/2015	Guest Lecture	“Digital Earth & Real Time Monitoring-Towards Resident& Sustainable Energy”	Prof.Hiromichi Sukui Director of international Digital Earth applied science Research centre, Chubu, Institute for Advanced Studies, Chubu University, Nagoya, Japan
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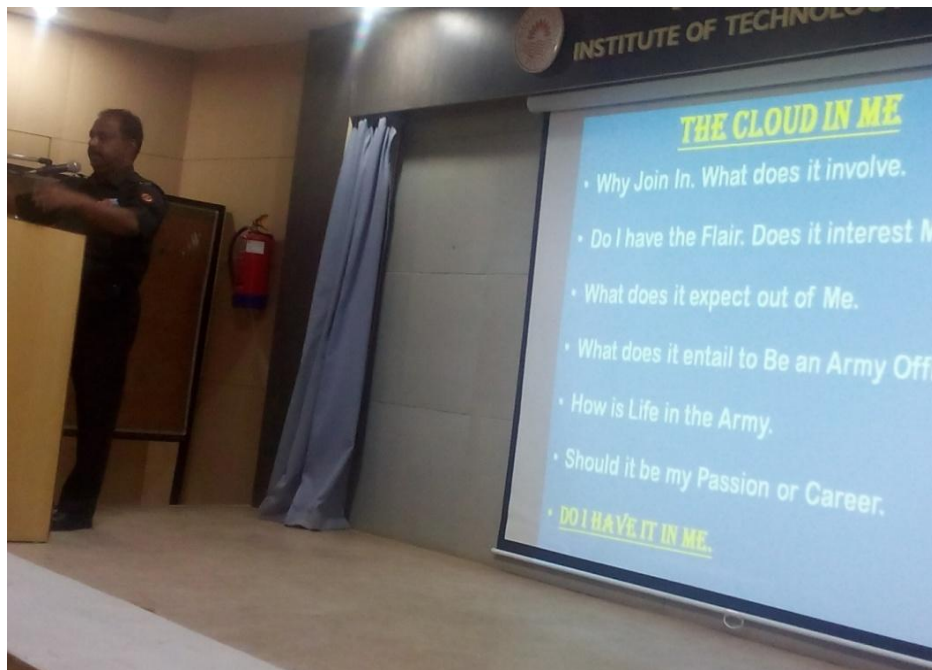
Newer Vista in Science- **Mrs. Amutha**, Deputy Director, Regional Meteorological Centre
C. P. Thiyagarajan, Director, Centre for University and Industry Collaboration



Guest Lecture by Dr.V.Thulasi bai, Vice Principal



Guest Lecture by Lt.Col.John Prince, Quality Assurance Officer, Ministry of Defence



Guest Lecture by Dr.K.S. Sreedharan, Director -IT, Zoho corporation



Guest Lecture by Prof .G.T Manoharan, Sr.Prof/EEE



Guest Lecture by Prof .S.K Srivatsa, Prof/CSE



IEEE INTERNATIONAL CONFERENCE REPORTS



PRATHYUSHA ENGINEERING COLLEGE



“AEEICB-18” – An International Conference at Prathyusha, A brainstorming platform for Research Scholars

*~ 169 manuscripts received ~
~ 94 Manuscripts published in IEEE Digital Xplore~*

Chennai : Research Scholars in the thirst of growing in their research will now get a practical exposure, that match the International standards, with **AEEICB-18, An International Conference on “Advances in Electrical, Electronics, Information, Communication and Bio informatics”** , in association with IEEE,IETE and CSI. Identifying a core need to offer practical efforts that supplement with theoretical approach, **AEEICB-18** was launched with the objective to offer a forum for research where researchers share their knowledge in the form of paper presentations chaired by Doctorates and Senior Professors and invited Talks by eminent personalities from IITM, Industrial organizations and other Government Institutions, thereby giving a glimpse of real life challenges a research scholar faces in research when an idea is implemented to an application. **Dr. Ramesh P.L.N. Principal** welcomed the gathering and the research Scholars for the Conference. The Conference was inaugurated by **Mr. D. Senthil Kumar.**, Scientist 'F',MTRDC, DRDO , Bangalore and **Dr. P. Sanjeevikumar**, Prof/EEE, Aalborg University, Denmark on 27th February 2018. **Dr.M.Moorthi,Professor/ECE** read the report of AEEICB 2018.

As part of the Conference, 84 participants out of 169 received papers from engineering institutes from countries **such as South America, Malaysia, and Srilanka, and various Research Centres and Industries** have participated in the conference. **There were invited Technical talks from eminent personalities from Industries and Organisations viz., IITM, C-MET, Hyderabad , AdikaviNannaya University, IEEE- WIE - Chennai and IGCAR.**

The event saw the enthusiasm among participants with their involvement in paper presentation and in invited talks sessions. They found it really useful. **Sri. M. Vasu, Advisor**, congratulated the participants of the Conference and encouraged them to continue in their research with enhanced and enriched knowledge.

PRATHYUSHA ENGINEERING COLLEGE

“AEEICB-17” – An International Conference at Prathyusha, A brainstorming platform for Research Scholars from all over

*~ 175 manuscripts received ~
~ 115 Manuscripts will be published in IEEE Digital Xplore~*

Chennai February 27th: Research Scholars in the thirst of growing in their research will now get a practical exposure, that match the International standards, with **AEEICB-17, An International Conference on “Advances in Electrical, Electronics, Information, Communication and Bio informatics”** , in association with **IEEE,IETE and CSI**. Identifying a core need to offer practical efforts that supplement with theoretical approach, **AEEICB-17** was launched with the objective to **offer a forum for research where researchers share their knowledge in the form of paper presentations chaired by Doctorates and Senior Professors and invited Talks by eminent personalities from IITM, Industrial organizations and other Government Institutions**, thereby giving a glimpse of real life challenges a research scholar faces in research when an idea is implemented to an application. **Dr. Ramesh P.L.N. Principal welcomed the gathering and the research Scholars for the Conference. AEEICB Conference details are reported by Dr.M.Moorthi,Professor/ECE. The Conference was inaugurated by Mr.Godwin Brewart, General Manager, Head - Facilities & Support Services, TATA Communications Transformation services Limited and Mr.S.P.Karthikeyan, Scientist-E , Open Technology Group,National Informatics Centre (NIC),Chennai Ministry of Electronics; Information Technology,Government of India on 27th February 2017.**

As part of the Conference, 115 participants out of 175 received papers from engineering institutes from countries **such as USA, Taiwan, Malaysia, China, Egypt, and Srilanka, Iran and various Research Centres and Industries** have participated in the conference . **There were invited Technical talks from eminent personalities from Industries and Organisations viz., IITM,Caterpillar,TNEB, MIT, Chennai, Anna University, IEEE-WIE, Chennai and IGCAR.**

The event saw the enthusiasm among participants with their involvement in paper presentation and in invited talks sessions. They found it really useful.

Shri. M. Vasu, Advisor, congratulated the participants of the Conference and encouraged them to continue in their research with enhanced and enriched knowledge. The Valedictory function was graced by the Chief Guest, Dr. Nadarajan Nantha Coumarane, Director of Technologies, Aricent Technologies and elaborated on the recent research related to Internet of Things.



PRATHYUSHA ENGINEERING COLLEGE

REPORT

“AEEICB 2016” – An International Conference on at Prathyusha, A brainstorming platform for Research Scholars from all over
*~ 431 manuscripts received ~ 200 papers selected ~154 papers presented ~
~ Manuscripts published in IEEE Xplore ~*

Chennai February 27th, 2016: Research Scholars/UG & PG in the thirst of growing in their research will now get a practical exposure, that match the International standards, with “ 2nd

IEEE International Conference On Advances In Electrical, Electronics, Information, Communication And Bioinformatics-2016 (AEEICB - 2016)”, in association with **IEEE, IETE and CSI**. Identifying a core need to offer practical efforts that supplement with theoretical approach, **AEEICB – 2016** was launched with the objective to **offer a forum for research where researchers share their knowledge in the form of paper presentations chaired by Doctorates and Senior Professors and invited talks by eminent personalities from renown educational organizations** thereby giving a glimpse of real life challenges a research scholar faces in research when an idea is implemented to an application.

February 27th, 2016:

Inauguration:

The Chief Guests were from CWET and Govt. of India Organizations.

Dr. S. K. Singh, Director, Ministry of News & Renewable, Energy Govt. of India, Chennai, inaugurated the Conference and released the proceedings. The first copy was received by **Mr. V.S. Prakash Attili**, Principal, Head-Education & Training, Division of Infosys, Chennai-STP and the second copy was received by **Shri.P.Raja Rao**, Chairman, PEC. **Dr. P.M. Beulah Devamalar**, Principal, PEC was introduced the resource persons.

Mr. Santhosh Thomas, Global Hybrid Cloud Architect, IBM Global Technology Service, Chennai, was felicitated the programme and delivered the keynote address. **Dr. G. Giridhar**, Deputy Director General / Head – SRRA, MNRE, Govt. of India, Chennai was delivered the keynote address. **Dr. Jeyaraj Selvaraj**, Professor, University of Malaya, Malaysia was delivered the special address.

Paper Presentation:

There were four categories of papers being chaired by various heads and Senior Professors from various departments

Day 1: 27.02.16	
Track 1 - Advances In Power, Energy And Control	
<p style="text-align: center;">Session - 1</p> <p>Renewable energy/Power electronics & drives Invited Talk: Power Quality- Lower Power train Chair Person: Dr.Saravanan, Group Manager, Caterpillar, India pvt Ltd., Tiruvallur – 602025. Co-chair: Dr. Samidurai Professor, Dept of EEE, PEC.</p>	<p style="text-align: center;">Session - 2</p> <p>Power control systems and Machines Invited Talk: Recent Trends in high Voltage Chair Person: Mr.A.Santhoshkumar, Assistant General Manager, ALSTOM. Co-chair: Dr. M. KalaiMurugan, Associate Professor, Dept of EEE, PEC.</p>
Track 2- Advances In Communications, Signal Image Processing And Virtual Instrumentation	

<p style="text-align: center;">Session - 1</p> <p>Embedded systems/Communication & Networks Invited Talk: Embedded system Chair Person: Dr. Swarna Ravindra Babu, Principal Engineer, Samsung India Software, Bangalore. Co-chair: Dr. G.Kavya, Professor, Dept of ECE, PEC.</p>	<p style="text-align: center;">Session - 2</p> <p>VLSI and signal processing Invited Talk Electronics and Instrumentation Engineering Chair Person: Dr.Tune Usha Scientist –F, Integrated Coastal and Marine Area Management, Project Directorate, Chennai. Co-chair: Dr. Vijaya Lakshmi Associate Professor, Dept of ECE, PEC.</p>
Track-3 -Advances In Information Technology	
<p style="text-align: center;">Session - 1</p> <p>Networks and Architecture Invited Talk: Agile Methodologies / UXD Chair Person: Mr.Roy Antony Arnold Lead - Education and Research Infosys Technologies Ltd, Chennai. Co-chair:Prof. S. Athinarayanan Professor, Dept of IT, PEC.</p>	<p style="text-align: center;">Session - 2</p> <p>Database/Mining Algorithms Invited Talk: Current Trends in Education Chair Person: Dr. S.K.Srivatasa Professor, Prathyusha Engineering College, Tiruvallur. Co-chair:Dr. P. Chitra Professor, Dept of IT, PEC.</p>
Track 4: Environment/Health Care/Sustainable Management	
<p style="text-align: center;">Session - 1 (Bioinformatics)</p> <p>Invited Talk: Opportunities in Biotechnologist Chair Person: Dr.P.Kumarasamy, Professor & Head, Dept. of Bioinformatics & ARIS Cell Madras Veterinary College, Chennai Co-chair: Dr. N. Parthasarathy Professor, Dept of Biotechnology, PEC.</p>	
Day-2 Date: 28/02/2016	
Track 1 - Advances In Power, Energy And Control (11.00 am- 2.30 pm)	
<p style="text-align: center;">Session - 1</p> <p>Renewable energy/Power electronics & drives Invited Talk: Smart Grid – Revolutionizing our Energy Future Chair Person: Dr.N.Kumarappan Vice-Chair, IEEE Madras Section, Chennai. Co-chair: Dr.JeyaShankar Professor, Dept of EEE, PEC.</p>	<p style="text-align: center;">Session - 2</p> <p>Power control systems and Machines Invited Talk: Role of semiconductors and VLSI technology for Fabrication of advanced Nano-Electronic materials And Devices For Select Space And Defense Applications-A Bird’s Eye View Chair Person: Dr.V.N.Mani Scientist-E, C-MET, Hyderabad Co-chair: Dr. Samidurai Associate Professor, Dept of EEE, PEC.</p>
Track 2- Advances In Communications, Signal Image Processing And Virtual Instrumentation	
<p style="text-align: center;">Session - 1</p> <p>Embedded systems/Communication & Networks Invited Talk: Security for wireless network Chair Person: Dr. Vydeki, IEEE - WIE, Chennai. Co-chair: Prof.S.M.Subramanian, Professor, Dept. of ECE, PEC</p>	<p style="text-align: center;">Session - 2</p> <p>VLSI and signal processing Invited Talk: Current Trends in Education Chair Person: Dr. S.K.Srivatasa, Professor, PEC, Tiruvallur. Co-chair: Dr. Hemajothi Associate Professor, Dept of ECE, PEC.</p>

Dr.M.Moorthi, Associate Professor, Dept. of ECE, PEC	
Track-3 -Advances In Information Technology	
Session - 1	Session - 2
<p>Networks and Architecture Invited Talk: Cloud security Chair Person: Dr. Mariappan Amazon Software Development Manager Amazon Development, Centre India. Co-chair: Dr.S.PadmaPriya, Professor/ Dept. of CSE,PEC Dr.SivaramKumar, Professor/Dept. of IT,PEC</p>	<p>Database/Mining Algorithms Invited Talk: Current Trends in Education Chair Person: Dr. S.K.Srivatasa Professor, Prathyusha Engineering College, Tiruvallur. Co-chair: Dr. P. Chitra ,Professor, Dept of IT, PEC.</p>
Track 4: Environment/Health Care/Sustainable Management	
Session -1	Session-2
<p>Invited Talk: Importance of statistical application in Biotech. Resource Person: Dr. Parthasarathy, Professor, Dept. of/Biotech, PEC</p>	<p>Invited Talk: Data Heap – A Biological Perspective Chair Person: Dr. K. Ram, Asst. Professor., Dept of Biotech., PEC.</p>

Dr. V. Thulasi Bai, proposed the vote of thanks and the Sessions started from then. The Participants were benefited by all the sessions (Paper Presentation and Invited Talks)

