

## Editorial Board:

### Editor :

Dr.V.Lakshmi Narayanan

### Members:

Mr.M.Balaji

Mr.K.M.Manu

Ms.S.Sathya

## Inside This Issue

- Workshops/  
Seminars Organized
- Student achievements
- Faculty publications and participation
- Industrial Tours and IIPC activities
- NSS/NCC Activities

## VISION OF THE INSTITUTE

We develop a globally competitive workforce and entrepreneurs.

### MISSION

Dr. Mahalingam College of Engineering and Technology, Pollachi endeavors to impart high quality, competency based technical education in Engineering and Technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe. This institution is also striving hard to attain a unique status in the international level by means of infrastructure, state-of-the-art computer facilities and techniques

### DEPARTMENT VISION

To develop globally competent instrumentation engineers and entrepreneurs with societal, environmental and human values.

### DEPARTMENT MISSION

**Supportive Learning Environment:** Provide suitable learning environment to the graduates with innovative learning resources and adequate infrastructure.

**Engineering Skills:** Enhance electronic, instrumentation and automation skills of the engineering graduates to fulfil the industrial requirements.

**Sustainable and Eco-Friendly:** Create awareness among the graduates for sustainable, eco friendly products and safety standards.

**Ethical and Professional Responsibility:** Enrich continuous learning, communicative, collaborative and administrative skills of the engineering graduates to become ethical, social responsible engineers and entrepreneurs

### PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

The graduates will:

**PEO1.** Technical Knowledge Actively apply technical and professional skills in engineering practices towards the progress of the organization in competitive and dynamic environment.

**PEO2.** Higher studies and Research Own their professional and personal development by continuous learning and apply the learning at work to create new knowledge

**PEO3.** Professional and Ethical knowledge Conduct themselves in a responsible, professional and ethical manner supporting sustainable economic development which enhances the quality of life.

### PROGRAMME OUTCOME (POs)

**PO.1.Engineering Knowledge:** Apply the knowledge of Mathematics, Science and engineering to solve problems in the field of Electronics & Instrumentation Engineering.

**PO.2.Problem Analysis:** Identify, formulate/model, analyse and solve complex problems in the field of Electronics & Instrumentation Engineering.

**PO.3.Design and Development:** Design an electronic system/component, or process to meet specific purpose with due consideration for economic, environmental, social, political, ethical, health and safety issues.

**PO.4.Conduct Investigations:** Design and conduct experiment, analyse and interpret data to provide valid conclusions in the field of Electronics and Instrumentation Engineering.

**PO.5.Modern Tool Usage:** Apply appropriate techniques and modern software tools for design and analysis of Electronic systems with specified constraints.

**PO.6.Engineer and Society:** Apply contextual knowledge to provide engineering solutions with societal, professional & environmental responsibilities

**PO.7.Environment and Sustainability:** Provide sustainable solutions within societal and environmental contexts for problems related to Electronics & Instrumentation Engineering.

**PO.8.Ethics:** Comply with code of conduct and professional ethics in engineering practices

**PO.9.Individual and Team work:** Perform effectively as a member/leader in multidisciplinary teams.

**PO.10.Communication:** Communicate effectively to engineering community and society with proper aids and documents.

**PO.11.Project Management & Finance:** Demonstrate knowledge and understanding of the engineering and management principles to manage projects in multidisciplinary environment.

**PO.12.Lifelong Learning:** Recognise the need for, and have the ability to engage in independent and lifelong learning.

### PROGRAMME SPECIFIC OUTCOMES(PSOs)

**(PSO1).Instrument Analysis** Analyze and monitor the characteristics of electronic measuring instruments to ensure performance, safety and quality of the processes

**(PSO2).Controller Selection** Select the suitable instruments, control schemes and controllers as per the requirements



## Embedded System in Automation | 07.11.2014

Workshop on “Embedded system in Automation” along with the faculties students of total 12 were attended this workshop dated on 07.11.2014 some of the faculties coordinated with the students are Mr.J.AntonyJesuraj AP(SS)/ICE, Mr.B.VigneshKumar AP/EIE, Mr.T.S.Srinivasan AP/EIE, Mr.U.RajKanna AP/EIE, Ms.S.Kavitha AP/EIE,

## The Future trends of Instrumentation in Paper Industries | 25.07.2014

Er.T Yogachandran, Assistant Plant Engineer Instrumentation (APE – I) TNPL,Karur was invited as a guest for the Inauguration of ISA & ELINSTA and he gave a lecture on “The Future trends of Instrumentation in Paper Industries” on 25.07.2014 along with the office bearers students of total 175 members were attended.



## ARCHON and Dream Your Company | 23.08.2014



Intra Department Technical Event “ARCHON” and “Dream Your Company” conducted on 23.08.2014 for the students of total 50 and the juries for this event were Mr.K.ArulKumaresen,Coordinator – CPG, MCET & Mr.P.E.Kamalakkannan, AP(SS)/ICE, MCET

## Freeze your Moment | 29.10.2014

Paper presentation and Photography contest were conducted on 29.10.2014 Dr.K.N.Vijeyakumar, AP(S)/EEE, MCET were represented as judge and students of 16 (8 teams-2 per team) participated.





# STUDENTS ACHIEVEMENTS

## Co-Curricular

S.No	Student's Name	Details of event	Date	Prize if any
1	G.Parthiban M.Satheesh Kumar	National Level Paper Presentation event at Coimbatore Institute of Engineering and Technology, Coimbatore	08.08.14	III Prize
2	B.Pavithra M.Pradeepa	National Level Technical Quiz event at K.S.Rangasamy College of Technology, Namakkal	04.09.14	I prize
3	V.T. Parthiv Ajay D. Prathab	National Level Paper Presentation event at Coimbatore Institute of Engineering and Technology, Coimbatore	08.08.14	Participation
4	G.Parthiban M.Satheesh Kumar	National Level Paper Presentation event at Coimbatore Institute of Engineering and Technology, Coimbatore	08.08.14	Third Place
5	M.S.R. Arun S. Krishnakumar	National Level Paper Presentation event at Sri Ramakrishna Engineering College, Coimbatore	19.08.14	Participation
6	B.Pavithra M.Pradeepa	National Level Paper Presentation event at K.S.Rangasamy College of Technology, Namakkal	04.09.14	Participation
7	B. Pradeepkumaar D. Soundaryaram	National Level Paper Presentation event at K.S.Rangasamy College of Technology, Namakkal	04.09.14	Participation
8	G.R.Ramesri K.Menaka	National Level Paper Presentation event at Erode Sengunthar Engineering College, Erode	12.09.14 & 13.09.14	Participation
9	Prathab. D Parthiv Ajay. V. T	National Level Paper Presentation event at K.S. R College of Engg & Technology, Thiruchengode	04.09.2014	Won First Prize in Circuit Debugging contest
10	Pavithra. B Pradeepa. M	National Level Paper Presentation event at K.S. R College of Engg & Technology, Thiruchengode	04.09.2014	Won First Prize in Quiz contest



## Co-Curricular

S.No	Student's Name	Branch and Department	Details of Event	Organizer and Place of program	Date
1	Pradeep Kumar.B Priya Gowthami.S	III year EIE	Attended one day workshop on topic "Control valves"	ISA South India Section at Chennai	11.10.2014
2	Cibi Adash. S Mehala.V	IV year EIE	Attended one day workshop on topic "Control valves"	ISA South India Section at Chennai	11.10.2014
3	Pradeep Kumar.B	III year EIE	Attended workshop in FUTURA	Bannari Amman Institute of Technology, Sathyamangalam	08.10.2014 to 10.10.2014
4	Krishna Kumar.S	III year EIE	Participated in Youth Assembly by Qubate Forum	KCT, Coimbatore	10.10.2014
5	Krishna Kumar.S	III year EIE	Participated in Youth talk ICTACT	ICTACT by ICT Academy of Tamilnadu	04.08.2014



## Participation in FDP/STTP:

S.No	Name of the faculty	Type of event	Title of the event	Venue	Date of the event
1	V.Karpagam(AP)	FDP	EI2301-Industrial Electronics	Hindusthan College of Engineering and Technology	23.06.2014 to 29.06.2014
2	M.Deeparani(AP)	STTP	Optical Sensors and Instruments	IIT Madras,Chennai	06.10.2014 to 10.10.2014
3	U.Rajkanna(AP)	STTP	Optical Sensors and Instruments	IIT Madras,Chennai	06.10.2014 to 10.10.2014
4	S.Sathya(AP)	workshop	Instrument Workshop on Control Valves	Jaya puspam hotel Chennai	11.10.2014
5	Dr.V.Lakshmi Narayanan(Asoociation Professor)	CII Summit	Regional Submition on Quality in Education	Hotel de Meridien Coimbatore	14.11.2014 to 15.11.2014
6	S.Sathya(AP)	Industrial Training	Hands on Training with Arduino microcontroller & Interfacing units	IMIK Technologies,Coimbatore	09.12.2014 to 10.12.2014
7	S.Kavitha(AP)	Industrial Training	Hands on Training with Arduino microcontroller & Interfacing units	IMIK Technologies,Coimbatore	09.12.2014 to 10.12.2014
8	Ms.K.Umamaheswari(AP)	FTP	Industrial Automation Technologies	MCET	09.06.14 to 14.06.14
9	M.T.Gopalakrishnan(SS)	Workshop	Cyber Security	MCET	10.07.14 to 20.07.14
10	M.T.Gopalakrishnan(SS)	Workshop	Control Systems	MCET	02.12.14 to 12.12.14

## Faculty publication:

Mr.U.Rajkanna AP/EIE presented a paper on the title of "Design and development of mobile relay node (MRN) using LPC2148 conducted by Sastra University,Thanjavur on the title of the seminar/conference "International conference on Intelligent Computing and Data Science" and the date(s) of paper presented on 13.09.2014 & 14.09.2014 the paper that presented was yet to be published in journal



## Industrial Visit:

- Mr. M. Balaji, AP(SS) and Mr. U. Rajkanna, AP visited Karur KCP Packagings Limited, Pollachi on 25.06.2014 and shared their technical experience to the faculties
- Mr. T. S. Srinivasan and Ms. S. Sathya visited Sheshashayee Papers and Boards Limited, Erode on 12.07.2014 and shared their technical experience to the faculties and students

S.No	Dept	Class	Place of Industrial Visit	Total No. of Students Visited	Date
1	EIE	IV year	Sakthi Sugars Limited, Aapakkudal , Bhavani	59	18.10.2014
2	EIE	III year	Sakthi Sugars Limited, Modakurichi	61	20.10.2014
3	EIE	II year	Enbest Pumps (India) Pvt. Ltd, Coimbatore	69	16.10.2014
4	EIE & ICE	IV year , III year & II year	ISA field trip to GVG Paper Mills , Udumalpet	64	09.10.2014

## Placement

The student of final year EIE S. P. Haemanth got placed at Soliton Technologies Pvt. Ltd on 11.07.2014

- The following 11 students of final EIE have placed in 'INFOSYS'. They are: A.Ajeeth, S. Ezhiloviya, S. Gowtham, L. Heena Fathima, B. Mohana Priya, S. Padmavathi, K. Pragathy, M. Praveen, B. Sakthivel, M. Saranya Devi, A. Akalya



## NSS Events in Date-Wise

- Blood donation camp at college campus conducted on 15.8.2014 and 110 units of blood was donated to Government Hospital, Pollachi.
- Career Guidance Program conducted by NSS volunteers at Government Higher Secondary School, Kanjampatti village on 20.8.14 and 100 Higher secondary school students are the beneficiary.
- Career Guidance Program conducted by NSS volunteers at Tmt. Rukmaniammal higher Secondary School, Pollachi on 09.09.2014 and 200 Higher secondary students are the beneficiary.
- On account of NSS day celebration, NSS Day pledge was taken by our NSS volunteers at our college campus on 24.09.2014 and 200 NSS volunteers of our college attended this program and taken the NSS day pledge.
- Dengue Fever Awareness Program was conducted at C.S hall in our college. Health Inspectors from Government Hospital, Pollachi gave awareness on how Dengue fever spreads and the precaution measures on 30.10.2014 and 100 NSS students attended got benefited from this.
- Tamil Nadu Tourism Board & Media box Pvt Ltd, Chennai, organized Hot Air Balloon Festival at our college campus from 28-31st Jan 2015. 74 NSS volunteers acted as cabin crews in this programme.



- Our College NSS Units conducted NSS Special Camp at Kanjampatti & Nambiamuthur village Pollachi (TK) from 18.2.2015 to 24.2.2015. 100 NSS volunteers from 2nd year B.E/B.Tech classes participated in the special camp.
- The following programmes were conducted at Kanjampatti & Nambiamuthur village on
  - 19.2.15 in the NSS Special camp
  - Awareness programme on organic foods. 20 villagers got benefited from this programme.
  - Cleaning school campus. 600 students got benefited from this programme.
  - Tree Plantation in the School campus. 600 school students got benefited from this programme.