



# Department of Electronics & Communication Engineering

## Inauguration of Students Association

The Department inaugurated the **Electronic Society of Passionate and Innovative Communication Engineers (ESPICE)** on 31<sup>st</sup> July 2013. **Dr.S.K.Srivatsa**, Former Professor, Anna University was the Chief Guests of the function.



## Memorandum of Understanding (MoU) Signed

A MoU between DACE & BSNL is signed for a period of 3 years. Our Principal **Dr.G.K.Vijayaragavan** addressed the students and **Mr.P.M.Damodaran**, Principal, RTTC addressed the students regarding the benefits of Industrial visits, Inplant Training, Project works carried out in BSNL.





## Membership in IETE Professional Society

The Institution of Electronic and Telecommunication Engineers (IETE) Students forum for our Institution was inaugurated by Col.(Retd).K.S.Chakravarthi, Chairman, IETE Chennai in the presence of Dr.G.K.Vijayaragavan Principal, Dr.M.Ramkumar Prabhu –HOD/ECE, Mr.Md.Abdul Kadhar - ESPICE President, All dept HODs , Staffs and students.



## Guest Lectures Organized

⇒The Department inaugurated the (ESPICE) on 31<sup>st</sup> July 2013. **Dr.S.K.Srivatsa**, Anna University – Retd was the Chief Guests of the function. On the same day **Dr.S.K.Srivatsa** delivered a Guest Lecture to the students on “**MACHINE VISION**”.

⇒Department arranged a Guest lecture on “**EMBEDDED SYSTEM**” which was delivered by **Mr.S.Nandagopal** , MNC.

## Seminars Organized

⇒A seminar on “**Career Awareness Program**” was organized on 11<sup>th</sup> July 2013 by **Mr.C.Nachiappan** of ERP Labs for the 3<sup>rd</sup> Year students.

⇒A seminar on “**Project Management**” was organized on 11<sup>th</sup> July 2013 by **Mr.Manikandan** of **Global Techno Solutions Pvt Ltd** for the 4<sup>th</sup> Year students.

⇒A Seminar on “ **Overseas Education**” was organized on 27<sup>th</sup> July 2013 by **Ms.Reshmi Vijay of Education matters** for the 4<sup>th</sup> year students.

⇒A seminar on “ **Robotics**” was organized on 20<sup>th</sup> of January 2014 by **Mr.K.P.Subin Vasu of AGIIT** for the 4<sup>th</sup> year students.



### Symposium Organized

A National level Technical symposium, TRANSIS 2K14 was organized on 19<sup>th</sup> February 2014. Mr.S.Rajkumar, HOD/ECE, Arulmigu Meenakshi Amman College of Engineering was the Chief Guest for the function.



### Workshops Organized

⇒ A two-day workshop on “MATLAB using DIP & DSP” was organized on 26<sup>th</sup> & 27<sup>th</sup> July 2013 by Mr.Shenbagarajan of Pantech Solutions private Ltd for 3<sup>rd</sup> & 4<sup>th</sup> Year students.

⇒ A two-day workshop on “Embedded systems” was organized on 11<sup>th</sup> & 12<sup>th</sup> of September 2013 by Mr.M.Bharanikumar of VNS Automations for 3<sup>rd</sup> & 4<sup>th</sup> year students.



⇒ A One-day workshop on “ Embedded systems” was organized on 6<sup>th</sup> July 2013 by Mr.M.Gowdhaman of Blue Chip Technologies for 3<sup>rd</sup> year students.



⇒ A One-day workshop on “**Robotics**” was organized on 21<sup>st</sup> of Jan 2014 by **M.K.P.Subin Vasu of AGIIT** for the 4<sup>th</sup> year students.



### **Industrial Visits Organized**

⇒ Industrial Tour was organized for our 4<sup>th</sup> year students to **Hi-Tech conductors Pvt Ltd, Mysore** on 28<sup>th</sup> & 29<sup>th</sup> of August 2013.

⇒ Industrial visit was organized for our 3<sup>rd</sup> year students to **BSNL – Tambaram** on 23<sup>rd</sup> July 2013.

⇒ Industrial Visit was organized for our 2<sup>nd</sup> year students to **SANSBOUND- Networking, Chennai** on 14<sup>th</sup> Feb 2014.

⇒ Industrial Visit was organized for our 3<sup>rd</sup> year students to **SANSBOUND- Networking, Chennai** on 15<sup>th</sup> Feb 2014.



## **Faculty Publications**

**Dr.M.Ramkumar Prabhu** has published the following papers in the International Referred Journals

- ⇒ **“Arithmetic CMOS Design with Better Properties”** in **Research Journal of Applied Sciences, Engineering & Technology** in the year 2013(Scopus Indexed)
- ⇒ **“GPS- 4 Arrays Smart Antenna for Anti-Jamming”** in **International Journal of Engineering Science Invention** ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726. Volume 3 Issue 4, April 2014, PP.29-41: ANED (American National Engineering Database: 26.6718/0344029041) (Scopus Indexed)
- ⇒ **“Designing a switchable stack patch Antenna for GPS Applications”** in **IOSR Journal of Electronics & Communication Engineering**, e-ISSN: 2278-2834,p- ISSN: 2278-8735.Volume 9, Issue 2, Ver. V (Mar - Apr. 2014), PP 164-168: DOI (Digital Object Identifier: 10.9790/2834-0925164168) (Scopus Indexed)
- ⇒ **“Information Hiding Scheme on Image Using Contourlet Wavelet Transform”** in **International Journal on Advanced Computer Theory and Engineering** in the year 2013.
- ⇒ **“Palm-Vein Image Recognition of Human Using Discrete Enhancement”** in **International Journal of Electronics and Communication Engineering** in the year 2013.

**Mr.A.Rajasekar & Mr.S.B.Mohan** published the following papers in the International Referred Journal

- ⇒ **“Study of Image Denoising”** in **International Journal of Innovative Research in Computer and Communication Engineering** in the year 2013

**Mrs.R.Rajeshwari** has published the following papers in the International Referred Journals

- ⇒ **“Low Power High Speed Word Line Booster Circuit for VLSI System”** in **International Journal of Recent Research & Development in Engineering & Science** in the year 2013.



**Ms.U.T.Sasikala** has published the following papers in the International Referred Journals

- ⇒ "GPS- 4 Arrays Smart Antenna for Anti-Jamming" in International Journal of Engineering Science Invention ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726. Volume 3 Issue 4, April 2014, PP.29-41: ANED (American National Engineering Database: 26.6718/0344029041) (Scopus Indexed)
- ⇒ "Designing a switchable stack patch Antenna for GPS Applications" in IOSR Journal of Electronics & Communication Engineering, e-ISSN: 2278-2834,p- ISSN: 2278-8735.Volume 9, Issue 2, Ver. V (Mar - Apr. 2014), PP 164-168: DOI (Digital Object Identifier: 10.9790/2834-0925164168) (Scopus Indexed)

#### **Faculty Development Programs (FDPs) Attended by the Faculties**

- ⇒ **Mrs.T.Anurada, Mrs.C.N.Kalaivani & Mrs.B.Kaleeswari** attended a one day Faculty Development Program on Low power design methodologies at VIT University on 7<sup>th</sup> Feb 2014.
- ⇒ **Mr.Maharajan & Mr.Satheeswaran** attended 2 weeks Faculty Development Program on Computer Networks at Sri Ram Engineering College, Chennai from 18<sup>th</sup> to 26<sup>th</sup> of Dec 2013.
- ⇒ **Mrs.A.Subhasini** attended Faculty development program on Embedded systems applications using ARM at VIT, Chennai on 20<sup>th</sup> & 21<sup>st</sup> of Feb 2014.

#### **Workshops Attended by the Faculties**

- ⇒ **Dr.M.Ramkumar Prabhu & Mrs.B.Kaleeshwari** attended one day workshop on "R&D Awareness " at Anna University in July 2013.
- ⇒ **Ms.U.T.Sasikala** attended Two days workshop on Advanced Antenna Technology at SRM University on 10<sup>th</sup> & 11<sup>th</sup> Jan 2014.
- ⇒ **Mr.A.Rajasekar** attended one day National Workshop on "Sponsorship for Research Oriented Projects" at Sri Ramanujar Engineering College, Chennai in Sept 2013.

⇒ **Mrs.C.N.Kalaivani & Ms.C.Vijayalakshmi** attended two days national level workshop on Image & Signal Processing at Sri Venkateshwara College of Engineering, Chennai in Dec 2013.

⇒ **Mrs.T.Anurada, Mrs.C.N.Kalaivani & Mrs.B.Kaleeswari** attended the International workshop on Teaching & Learning in the 21<sup>st</sup> century at B.S.Abdur Rahman University on 17<sup>th</sup> Dec 2013.

### **Co-curricular and Extra-curricular Achievements of Students of Department of Electronics and Communication Engineering**

⇒ Thirteen of our 3<sup>rd</sup> Year students are undergoing Training by BSNL- Chennai for a period of 3 semesters sponsored by AICTE – India, They have successfully completed the first phase of training and obtained Silver Certification from BSNL-AICTE.

⇒ Rini Priyadharshini of Final year won Second prize in Minute Rally, Incendio'13 held at Jerusalem College of Engineering.

⇒ S.Sheik Dawood of Final year won first prize in Fetch'em, Xnforixx'13 held at Sri Andal Alagar College of Engineering.

⇒ S.Sudharkar of Third year won second prize in surprise event, Xnforixx'13 held at Sri Andal Alagar College of Engineering.

⇒ Nepolian Ashok of Third year won second prize in Prizat war, Zenozcore'13 held at Sri Andal Alagar College of engineering.

⇒ Tamil vannan of Third year won first prize in Gaming and Paper presentation, Flabbergast'13 held at Adhi Parasakthi College of Engineering.

⇒ R.Priya of Third year won first prize in debugging, Flabbergast'13 held at Adhi Parasakthi College of Engineering.

⇒ Ramakrishnan of Final year won first prize in Hachathon, Abhigyan'13 HELD at SRM University.

⇒ Sathya.N of Third year won First prize in surprise event and Paper presentation, Flabbergast'13 held at Adhi Parasakthi College of Engineering.



- ⇒ T.Chandini of Third year won second prize in Debugging, Taras'13 held at Valliammai Engineering College.
- ⇒ Sathya.N of Third year won second prize in Debugging, Eximis'13 held at SA Engineering College.
- ⇒ A.Sindha Fathima of Second year won second prize in debugging, Corius'13 held at Adhi College of Engineering
- ⇒ Mohamed Azeem of third year won second prize in Poetry, Rapture'14 held at MNM Jain College of Engineering
- ⇒ D.Haripriya of third year won second prize in Debugging, Taras'13 held at Valliammai Engineering College.
- ⇒ T.Chandini of third year won first prize in Mahandi, Chemfest'13 held at Chengalpet Medical College.
- ⇒ Shoib Mohamed Ali won I and II prize in Hachkathon and Mock interview respectively, Elexrieg'13 held at MNM Jain Engineering College.
- ⇒ Dinakar, Vel Murugan, David Raj, Murali, Nalla Thambi of Final year won First prize in Ship racing held at Robo Championship League.
- ⇒ Md.Imthiyaz of Final year won second prize in Media Master at Media Master '13.
- ⇒ Nizamuddin of third year won third prize in Tech quiz, Xnforixx'13 held at Sri Andal Alagar College of Engineering.
- ⇒ J.Keerthana of Third year won II and I prize in Surprize event and Mehendi respectively held at Vallaiammai Engineering college and Chengalpet Medical College.
- ⇒ S.Sheik Dawood of third year won second prize in Prizat war, Zenozcore'13 held at Sri Andal Alagar College of engineering.