

Department of Electronics & Telecommunication:

Professor R. W. Pattarkine heads the Department along with 13 teaching staff members and 8 supporting staff.

Department Sphere:

E&TC Department continues its effort to provide quality education and to further extend its sphere through MoU with industrial organizations. In connection with this, Prof. R. W. Pattarkine, Prof. C. B. Joshi, Prof. K. J. Kulkarni and Prof. Y. B. Thakare visited Scientech Indore and had discussions with Mr. Ambarish Kela, MD, Scientech, Indore regarding the MoU between COET and Scientech. This was followed by visit of Mr. Kela to COET in March 07. The process of MoU is in progress.

In May 07, Electrical Department of PVG's COET organized 2-weeks ISTE Workshop on DSP & its Applications to Electrical Engineering. E&TC department was backbone of this workshop and provided technical support by conducting DSP laboratory sessions. Prof. M. S. Nagmode, Prof. K. J. Kulkarni and Prof. T. S. Khatavkar conducted the sessions and prepared course material. Prof. R. W. Pattarkine and Mrs. K. J. Kulkarni also delivered lectures as Resource Persons in this workshop.

To meet the requirements of revised syllabus, laboratories are further developed by adding equipments worth Rs.8 lakhs.

Faculty Development:Prof

- Prof. M. P. Potadar completed M.Tech. (Instrumentation & Control) with specialization in Biomedical Instrumentation. Also, Prof. Y. B. Thakare completed M. E. (E&TC). Hearty Congrats to both of them.
- We are really happy to convey that Prof. P. G. Shete is promoted as Assistant Professor in E&TC , Hearty Congrats from all.
- Prof. Y. B. Thakare has registered for Ph.D. (E&TC – Antenna Engineering) at DIAT, Pune. He has started working in this direction.
- Prof. C. B. Joshi along with Altera/SLS India Prolific Systems, Mumbai organized one day workshop on Emerging Trends in Embedded Systems at PVG's COET, Pune.
- Prof. H. P. Kekade worked as Subject Expert at Interviews held at MIT, Pune, under University Selection Committee. Also, he was invited as Judge for National Level Project Exhibition at COE, Kopergaon.

- Prof. C. B. Joshi worked as Member of LIC, Committee for JSPM COE, Hadapsar, Pune.
- Prof. R. G. Kaduskar was invited as Subject Expert for Embedded System at Trainers Training at Persistent Systems, Pune. He also worked as Subject Expert for B.E. Computer for the subject Embedded Systems.
- Prof. R. G. Kaduskar was invited to deliver Guest Lecture on Electronic Design at T. E. (E&TC) at Siddhant COE, Pune and SAE, Kondhwa..
- Prof. R. G. Kaduskar worked as LIC Committee Member for SAE, Kondhwa.
- Prof. R. G. Kaduskar worked as Flying Squad Member, Pune University Examinations, Pune University, Pune.
- Prof. R. G. Kaduskar & Prof. K. J. Kulkarni were organizing members for the one day workshop on 'Peer Review of F. E. Syllabus' organized by the college.
- Prof. Mrs. T. S. Khatavkar participated in the study tour to LAMBDA MICROWAVES PVT LTD, Faridabad.
- Mrs. M. H. Belsare worked as Mentor for IEEE Student Branch of COET and was member of organizing committee for the final presentation round of IEEE School Awareness Programme organized by PVG's COET, Pune.
- Prof. P. G. Shete worked as Judge for shortlisting Projects for VERSATALIA-08 at PVG,s COET, Pune & project competition at Walchand Institute of Technology, Solapur
- Prof. P. G. Shete worked as judge for national level paper presentation at Disha Institute of Technology, Raipur.

Paper Presentations:

- Paper entitled 'Reconfigurable Wireless Communication System' of Prof. Y. B. Thakare & Prof. R.G. Kaduskar, accepted for oral presentation in the International Conference on Radio Frequency Signal Processing & Systems at KLCOE, Guntur to be held in Feb.-2008.
- Paper entitled 'Design of Four Iterative Circular Shaped Fractal Antenna for Wireless Applications' of Prof. Y. B. Thakare ,accepted for oral presentation in the International Conference on Progress in Electromagnetic Research (PIERS-2008), Cambridge, USA to be held in July-2008
- Paper entitled 'Design of Spaced Dielectric and Covered Suspended Circular Microstrip Patch' of Prof. Y. B. Thakare, accepted for oral presentation in the International Conference on Radio Science-2008, Jodhpur, India to be held in Feb.-2008
- Paper entitled 'Next Generation Networks towards Open Wireless Standards & Software Defined Radio' , of Prof. Y. B. Thakare , Prof. P. G. Shete & Prof. S. S.

- Musale, accepted for oral presentation in International Conference on Wireless Mobile Technology & Multimedia Networks, Mumbai held in Jan 2008
- Paper entitled 'Technological Review of RFID, Problems & Applications' ,accepted for oral presentation in the IET International Conference on Wireless Mobile Technology & Multimedia Networks, Mumbai held in Jan 2008
 - Prof. M. P. Potadar & Prof P. G. Shete ,presented a paper titled 'Data Monitoring System-Wireless Embedded Approach' in International Conference on Sensors, Signal Processing, Communications & Instrumentation (SSPCCIN), organized by VIT, Pune.
 - Prof. R. G. Kaduskar & Prof. Mrs. M. H. Belsare presented paper on 'XMAX Technology-a challenge' and 'Tracking System in Hospital using RFID' at National Conference on Signal Processing & Automation organized by D. Y. Patil COE, Pune.
 - Prof. R. G. Kaduskar & Prof. Mrs. M. H. Belsare presented paper titled 'CDMA Transmitter for Mobile Communications' in the 23rd National Convention in Electronics & Communication Engineering organized by Institute of Engineers, Pune.
 - Prof. R. G. Kaduskar & Prof. V. V. Sovani presented paper on 'Security against Malicious Code' & 'SSH Protocol for Network Security' at State Level National Conference on Information Security, at SKN COE, Pune.

Participation in Workshops / Seminars:

- Prof. R. W. Pattarkine attended 5-days workshop on Effective Engineering Teaching methodologies at IIT, Powai.
- Prof. R. W. Pattarkine & Prof. Mrs. K. J. Kulkarni attended International Conference on 'Sensors, Signal Processing, Communication and Instrumentation' at VIT, Pune. Prof. Pattarkine also worked as Session Chairman in the conference.
- Prof. R. W. Pattarkine & Mrs. K. J. Kulkarni attended One-day Workshop on Satellite Communication at ISTC, Pune
- Prof. R. W. Pattarkine, Prof. C. B. Joshi & Prof. R. G. Kaduskar attended and contributed in one day workshop on 'F. E. Syllabus Presentation Workshop' at Raisonni COE, Pune.
- Prof. H. P. Kekade & Prof. R. G. Kaduskar attended one day workshop on Electronic Equipments organized by Agiliant Technologies, Pune.
- Prof. H. P. Kekade attended 2-days workshop on Microprocessor and Microcontrollers at COE, Pandharpur.

- Prof. C. B. Joshi attended one day workshop on Embedded Systems organized by AFTECH SYSTEMS.
- Prof. R. G. Kaduskar, as a Member of BOS, BVDU, participated in one day workshop on Structure Finalisation of M. Tech. (Embedded & VLSI) at BVDU, BVCOE, Pune.
- Prof. R. G. Kaduskar worked as Trainer in VLSI at ACTEL's –days Training Programme at ACTEL FPGA LAB, BVDU, BVCOE, Pune.
- Prof. Mrs. K. J. Kulkarni participated in 3-days 'Faculty Workshop on Teaching/Learning Methodologies' organized by Wipro, Pune.
- Prof. Mrs. K. J. Kulkarni attended one day workshop on Modelling of Control Systems organized by Cranes Software, Pune.
- Prof. Mrs. K. J. Kulkarni, Prof. P.G. Shete, Prof. Mrs. T. S. Khatavkar, Prof. Y. B. Thakare & Prof. S. S. Musale participated in the 2-weeks workshop on 'DSP and its Applications to Electrical Engineering' organized by Department of Electrical Engineering, PVG's COET, Pune.
- Prof. Mrs. K. J. Kulkarni, Prof. P. G. Shete, Prof. M. P. Potadar, Prof. Mrs. M. H. Belsare and Prof. S. S. Musale attended one day workshop on 'Research Methodologies' organized by SCOE, Pune.
- Prof. Mrs. T. S. Khatavkar attended workshop on Satellite Trainer & Microwave Power Meter organized by Amitech Electronics, Delhi.
- Prof. Mrs. T. S. Khatavkar attended workshop on 'VLSI & Embedded Systems' organized by SLS, India.

Flash on TESA:

The department is taking keen interest in overall development of students. All the faculty members and members of The Telecommunication Engineering Students Association (TESA), motivates and encourages students for co-curricular and extra-curricular activities and provides strong support. Students are taking active participation in various inter-collegiate technical competitions and events.

Industrial Visits:

- B.E. (E&TC) students visited Film Institute, Pune. Prof. Mrs. M. H. Belsare and Prof. Mrs. M. M. Bhalvankar accompanied students.
- Students of T. E. (E&TC) visited GMRT. This was followed by exciting visit to Shivneri Fort. Prof. Mrs. K. J. Kulkarni, Prof. Y. B. Thakare and Prof. S. S. Musale accompanied students.
- Students of B. E. (E&TC) visited Telephone Exchange at Karvenagar, Pune. The visit was guided by Prof. R. W. Pattarkine & Prof. Mrs. M. H. Belsare.

- Students of B. E. (E&TC) visited Mahadji Shinde Telephone Exchange, Pune and studied the switching systems. The visit was guided by Prof. Mrs. M. H. Belsare and Prof. Mrs. K. J. Kulkarni.