DR. D. Y. PATIL PRATISTHAN'S

D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH, AKURDI

ELECTRONICS AND TELECOMMUNICATION

JUN-DEC 2016

ELECTRONEWS

ABOUT THE DEPARTMENT

The Electronics & Telecommunication Department is established in the Year 2013 to meet the needs of increasing demands of E&TC Engineers in Industry, Telecom Sector, and Embedded Technologies & VLSI. The department is having highly qualified, experienced & dedicated staff along with State of Art Infrastructure & well equipped Labs. The teaching learning process is made Student centric using the latest technologies. The academics go hand in hand with Guest Lectures by Eminent Personalities from the Industry, Alumni students, & Subject Experts from Pune University. The theory is well explained with the help of practical & Industrial Visits to various Industries.

Vision:

- To impart quality education to produce competent E&TC Engineers

Mission:

- To equip students with strong basics through excellent blend of theory and practical knowledge
- To inculcate creativity and innovation through curricular and co-curricular activities
- To give the knowledge about all possible areas of E&TC by interacting with professional world
- To develop the students with communication skills and ethical standards to meet the professional needs

PROGRAM OUTCOMES

Engineering Graduates will be able to:

1. **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and E&TC engineering specialization to the solution of complex E&TC engineering problems

2. **Problem Analysis:** Identify , formulate , review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and E&TC engineering science

3. **Design /development of Solution:** Design solutions for complex E&TC engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural , societal , and environmental considerations

4. **Conduct investigations of complex problems:** Use research–based knowledge and research methods including design experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. **Modern tool Usage:** Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex E&TC engineering activities with a n understanding of the limitations.

6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional E&TC engineering practice.

7. **Environment and sustainability:** Understand the impact of the E&TC engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the E&TC engineering practice.

9. **Individual and team work:** Function effectively as an individual , and as a member or leader in diverse team , and in multidisciplinary settings

10. **Communication:** Communicate effectively on complex E&TC engineering activities with the engineering community and with society at large, such as , being able to comprehend and write effective reports and design documentation , make effective presentations and give and receive clear instructions

11. **Project management and finance:** Demonstrate knowledge and understanding of the E&TC engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

INDUCTION PROGRAM:

An Induction Program for SE, TE, & BE students was organized by Department of Electronics & Telecommunication Engineering at 11AM on 27/06/2016. The objective of this program is to make students aware of different activities taking place at department for academic year 2016-17.

All students of SE, TE, & BE along with all faculties of E & TC Department attended the program.

COLLEGE TOPPERS

Anand kumar BE: 77.67%   Geetanjali Survase TE: 75.93%   Yogesh Mali SE: 73.4%

GUEST LECTURES:

Guest Lecture on "ADAS" by TCS,Pune

A guest lecture on "Advanced Driver Assistance System" (ADAS) was held in E&TC Dept byTata Consultancy Services , Pune for T.E.& B.E. E&TC students on 04/08/16 in seminar hall. The speech was delivered by Mr. Krishnan Kutty.

Guest Lecture on "Data Structures & Algorithms:

A guest lecture on "Data Structures & Algorithms" (DSA) was held in E&TC Dept byDr. Sachin Babar, SIT, Lonavala for S.E. E&TC students on 14/09/16in seminar hall. The speech was delivered by

Guest Lecture on "VLSI Digital Design"

A guest lecture "VLSI Digital Design" (ADAS) was held in E&TC Dept Livewire Pune for B.E. E&TC students on 04/08/16 in seminar hall. The speech was delivered by Mr. Amit Khanduri and Mr. Swapnil Darekar.

Publication Details:

4 Faculties of E&TC Dept. have published 8 papers in International journals

Visit to Seamedu School of Game and Media Pune

On 25th August students of SE, E&TC department of DYPIEMR got a great opportunity to visit Seamedu School of Game and Media Pune. Visit was organized with the prior permission of head of Department Mrs. Priya Charles and Mr. Anil Patil and Mr.Lokesh Giripunje accompanied us in the visit.

Placement Details

10 Students have placed in companies Tech Mahindra, Amazon, Fiserv, and Capgemini with packages 1.8 to 3.1 Lacs PA.

E&TC Dept has got 10 Sponsored projects of BE E&TC.
1. Engima Automation-4
2. BitMatrix-3
3. Engineering Cluster Project-2

Poster Competition on Smart CITIES:

10th Sept ,2016 for SE E&TC

Sr. No.	STUDENT'S NAME	COMPANY NAME	PACKAGE IN LACS.
1	Anita Bhndari	Tech-Mahindra	3.1PA
2	Ashita Shah	Tech-Mahindra	3.1PA
3	Apurva Jannawar	Tech-Mahindra	3.1PA
4	Govind Kumar	Tech-Mahindra	3.1PA
5	Manishankar Jha	Tech-Mahindra	3.1PA
6	Sachi Paliwala	Capgemini	3.1PA
7	Rohan Jaydev	Amazon	2.07PA
8	Atul Kumar	Amazon	1.8PA
9	Shraddha Deshbhratar	Amazon	1.8PA
10	Akshay Wagh	Fiserv	3.0PA

VHDL WORKSHOP

A one day workshop on " Introduction to VHDL Programming" was conducted for SE E&TC students by E&TC Department on 12/08/16 in Computer Lab from 10 am to 5 pm. The workshop was conducted by Ms. Tahera Tabassum and Mr. Binay Chandra from BitMatrix ,Pune

TECHNICAL QUIZ COMPETITION

A Technical Quiz Competition was organized for "SE" students on 23rd of July 2016. The key objective of this Technical Event was to help the students inculcate management skills, active participation, communication skills, functioning independently, without need for constant reassurances from others; reasonable risk-taking; demonstration of personal control; self-motivation; feelings of usefulness; development and confirmation of identity; confidence, ethics, and integrity; realistic self-appraisal and self-understanding with competent technical knowledge.

Editors:

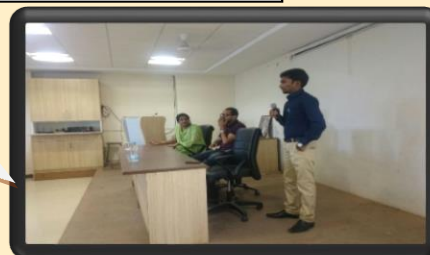Mrs.Neha Patil(Asst Prof. E&TC)

Rajnish Kumar (SE E&TC)

PARENT TEACHER MEET

A two day workshop on " Printed Circuit Board designing" was conducted for TE E&TC students by E&TC Department on 29/08/16 and 30/08/16 in Electronics Labs from 9 am to 5 pm. The workshop was conducted by Mr. Vipin Vibhute, Assistant Prof. DYPCOE, Pune

PCB WORKSHOP

➢ Meeting conducted with Mr.Manoj from Bombardier
   to share his experience with BE Students.

TEACHER'S DAY CELEBRATION