

Departmental Report to be submitted for Akanksha 2014-15

Name of the Department: Electronic Science

Departmental Report

A. Activities conducted by the department :

1) Hands on training on Printed Circuit Board (PCB) Design :

To bridge the basic gap between the Industry & Academia the department had organized a Two days intercollegiate workshop on “**The designing of Printed Circuit Board (PCB)**” sanctioned under DBT STAR college scheme on 13th & 14th January 2015 . The workshop was successfully conducted with the participation of twenty eight students of B.Sc.(General) & B.Sc. (Computer Science). Students from Modern College, Shivajinagar and H.V.Desai college participated the PCB training.

2) Guest Lecture :-

- a) Guest lecture was arranged for F.Y.B.Sc (Computer Science) students . Dr.Neha deshpande delivered a lecture on “**Applications of IOT** ” on 9th February 2015.
- b) Guest lecture was arranged for S.YB.Sc students.
Dr.U.M.Chaskar, Associate Professor from Department of Instruementation and control, College of Engineering, Pune delivered a lecture on “**Embedded Systems in day to day life**” on 12th December 2015.

4) Industrial Visit: An Industrial visit was organized at “**Fine Automation Robotics (I) Ltd.**”, MIDC ,Bhosari, Pune. Students got knowledge of various robots used in the manufacturing process.

- 5) **Project Exhibitions:** 10 groups exhibited projects/models on various ideas like security, automation, environment friendly .
- 6) **Faculty Training Program** on “Labview and MATLAB” softwares was organized by Department of Electronics for the faculty members of Physics, Mathematics, Statistics and Electronics.

B. Student Achievement:

- **College E-Scheduler project** an expansion of “**Classroom timetable display**” project done by Mr. Prasad Pashankar is completed and mounted in the college premises.
- **Vinayak Gavi** a student of S.Y.B.Sc. [Comp.Sc.] won **first prize** for his project **Fire Sensing ROBOT** displayed in Science Exhibition “Anubhuti” 2015.
- Students of S.Y.B.Sc. [Computer Science] Ms.Roshni Sawant , Ms.Aishwarya Nayk, Karishma Naik presented paper on **Wireless Sensor Network in Agri Electronics** in an intercollegiate competition at **Kaveri College of Science, Pune.**

c. Personal / Staff Achievement :

- 1) Mrs. Saroj Hole attended Three Days Training Program on Solar Photovoltaic Technology in February 2015 at MITCON.
- 2) Mrs. Varsha Bapat presented a paper on _____ in National Conference on Advances in Electronics and It’s Interdisciplinary Applications
- 3) Mrs. Pradhanya Pathakji presented a poster on “**E-Scheduler Display System**” in National Conference Advances in Electronics and It’s Interdisciplinary Applications

- 4) Mrs. Mrinalini Bhadane attended Raman Conference at department Of Physics,SPPU University, Pune.
- 5) Mrs. Mrinalini Bhadane attended 3days International Seminar on Physics and Technology of Sensors (ISPTS) on 8th ,9th and 10th March 2015.
- 6) Mrs. Vaishali Salunke and Mrs. Pradnya Pathakji Completed certificate course in “**Embedded Systems Design**” at College of Engineering ,Pune
- 7) Agri electronics based project developed by Mrs.Varsha Bapat , selected at State Level Project Competition “Avishkar” organized by S.P. Pune University.

c. Co-curricular Activities : This year also we successfully conducted one year course titled ‘Embedded Systems & Applications’ sanctioned by UGC under XIth plan for career oriented courses. Total 12 students enrolled for this course

H.O.D.

Department of Electronics

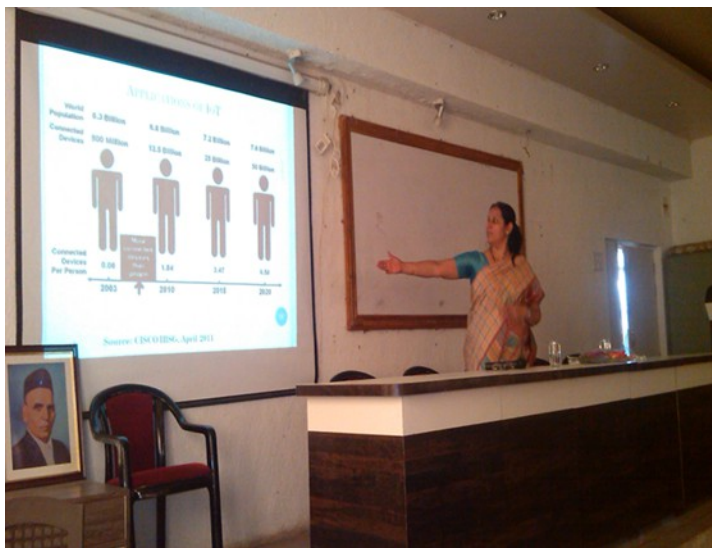
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Guest Lecture:



Dr. U.M.Chaskar

Department of Instrumentation and Control,
College of Engineering, Pune



Dr. Neha Deshpande

Department of Electronics ,
Abasaheb Garware College , Pune

Industrial visit to Fine Automation Robotics (I) Pvt. Ltd.



Hands on Training on PCB Designing under DBT STAR college scheme



Electronics Project Exhibition : Organized by Science Association



Vinayak Gavi won first Prize in college Project Exhibition “Anubhuti” for his project Fire Sensing Robot