

UDGHOSH



**Rajkumar
Goel**

**Institute of
Technology**

**Electronics and
Communication
Engineering
Department**

*A Voice of Electronics and
Communication Engineering
Department | Volume-1*

Udghosh is a news letter of Electronics
and Communication Department.

ACTIVITY CHART OF CURRENT SEMESTER

(From 1st January, 2015 to 31st May, 2015)

S.No	Institution/ Deptt.	Name of event	Level	Dates (tentative)	Duration	Venue	Level of Participants	Name of Chief Guests (if any)
1	RKGIT/ ECE	Industrial Visit	College Level	3rd Week Feb., 15	One day	ALT , Gzbd. Centre	3rd yr students	ALT Ghaziabad
2	RKGIT/ ECE	Expert Talk on Radio Frequency (RF) Technology	College Level	4th week Feb., 15	2hr.	Seminar Hall	2nd, 3rd & 4th yr	Eminent Professor from University of well repute
3	RKGIT/ ECE	Industry Interaction with Amitech Electronics Ltd.	College Level	2nd week, March, 15	3hr.	Seminar Hall	3rd yr students	Mr. Amit Sharma
4	RKGIT/ ECE	One day EOP	College Level	4th week March, 15	one day	NSIC, Okhla, Delhi	2nd yr students	Mr. Khalid
5	RKGIT/ ECE	Workshop on "How to write Technical Research Paper".	College Level	1st week April, 15	2 Hrs	ECE Deptt	All the Interested Students	Experts from Reputed Institutes
6	RKGIT/ ECE	Training on MATLAB	College Level	4th week April, 15	half day	ECE Deptt	3rd & 4th yr students	Pine Technology

PINE CLASSES

Final year students are doing Embedded System Design and PCB Designing course conducted by Pine Academy. Pine Academy is a start-up that has highly experienced individuals on the team with rich market knowledge about the Semiconductor Industry. We know that there is a vast gap between the job profile required for the particular job and the kind of candidates available in the market. To bridge this pine academy train the candidates as per the market requirements. PINE Training Academy is launching Short courses, to build the basic knowledge of Semiconductor Technologies like Analog and Digital, HDL (VHDL/VERILOG), FPGA,

LINUX, Verification, Embedded, PCB, Matlab and Robotics. To get Job in core, its mandatory to have a working knowledge of Analog and Digital System rather than logical aptitude like verbal, non-verbal etc. Currently our students are focusing on Aptitude from 3rd year onwards to target software industries, hence they are not fit for Core industries as their basic practical knowledge of Analog and Digital design is Zero, as a result genuine companies in core are not turn for placement in colleges. Secondly, during in 2nd and 3rd year, students are not aware of semiconductor technologies, hence they are not able to think of job giving technologies in Electronics, as a result, they feel that, there is no JOB for them in Electronics. Academy's concept of training is to help student to utilize their own laptop in the training room at their own time.



Pine academy Motto's - "if you have a dream to get a job in FPGA and Embedded Industry, we can help in making it a reality".

Objective

1. To create base of Analog and Digital and awareness of other job giving technologies and interest in core.
2. After creating their base on Analog/Digital/Programming Language/FPGA/Embedded Linux, Scripting and PCB, Students are meeting Perquisite of training at PINE during weekend in 4th year with placement.

CAREERS NEWS

MANY 4TH YEAR STUDENTS GOT PLACE IN VARIOUS COMPANIES

SHIVANGI SAXENA

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MRINAL MANJARI RAI	Microweb,Mphasis
GARVIT JAIN	Mphasis
TRIVENDRA SINGH	Mphasis, HCL-ISD
AAKASH SINGH	Microweb
TANYA	Mphasis,IBM
HEENA	Fiserve

INDUSTRIAL INTERACTION WITH ALTTC

Department of ECE have organized Industrial visit under the Industry Institute Interaction Program at ALTTC Centre (Govt. of India Enterprise), Ghaziabad on 21st February, 2015.



ABOUT ALTTC

Advanced Level Telecom Training Centre (ALTTC), Ghaziabad is the apex training institute of BSNL. ALTTC was set up as a joint venture of International Telecommunication Union, Geneva, UNDP and the Government of India in 1975. ALTTC functions on the frontiers of telecom technology, finance and management and imparts training to the leaders in the business. The strength of ALTTC lies in the state of art labs, massive infrastructure and trained, talented and qualified human resource pool.



The training areas cover vast spectrum of topics such as Digital Switching and IN; Mobile Communication: GSM, 3G, CDMA; Data communication and Information Technology: MPLS, VPN, Broadband, IPv6, Database Administration, Server Administration, IT Security; Optical Networks: SDH, DWDM, NGSDH, NGN, Access Networks, Management, Telecom Finance, Building Science and Telecom Network Planning.



Why it is needed for students?

The Centre's Mission statement is "*To Deliver Excellence Through Training*".

For the students there are many training courses like Vocational Training Course during the winter vacation and the summer vacations. In addition ALTC also encourage students to do their

“Project Work” so that they can use the equipment and the test-bed available here. Recently they have set up an IPv6 Lab in ALTTC and have commenced training courses on IPv6 awareness, Basics, Advanced and Migration Issues. And as we know that the mission of ALTC is "To Deliver Excellence through Training”, so yes these trainings are much needed for the students, who are the future of telecom to improve the practical knowledge of them and also helps them to make their concepts strong in the telecom field. So one day visit helped students to learn many aspects of telecom and make them to think large in the field of telecom.

Total sixty one students (61) of 3rd year have visited ALTT Centre, Ghaziabad. In this visit students have been given brief introduction about the modern telecom technology by Mr. Abhishek Gupta (Technical Officer), ALTT Centre. They have visited various moderns Labs like:

- OFC (Optical Fibre Lab),
- NGN (Next Generation Network Lab),
- Broad Band Lab,
- GSM Lab,
- DWDM Lab

Mr. Abhishek gave students very useful information for learning current trends and concepts of new telecom technology that is currently being used in various industries.

Various Technical Experts of ALTT Centre were accompanied by these students for made them understand about concepts of Telecom Technologies. This visit has been certified by the ALTT Centre, Ghaziabad and certificates have been issued by ALTT centre for all students.

THE UPCOMING EVENT

- Faculty Development Program on FPGA Design and Opportunities
- Activities related to IEEE Student Branch of RKGIT
- Activities of IIIC and EDC at RKGIT