

ACTIVITY BASED LEARNING (ABL)

Session: 2016-2017

Details of activities conducted in the department for **even semester** students:

| Sl. No. | Date of Activity | Title of the Activity | Conducted by (Faculty) | Subject Code | Mapping With CO's |
|---------|------------------|---|--|--------------|-------------------|
| 01 | 13-04-2017 | Ion Implantation Process | Ms. Sakshi Parolia | NEC-603 | CO3, CO4 |
| 02 | 17-04-2017 | Behaviour of step down chopper and voltages at the different points of the chopper circuit. Difference between practical chopper and ideal chopper. | Mr. Saurabh Katiyar | NEC-021 | CO1, CO2 |
| 03 | 21-04-2017 | Range selection and component testing | Mr. Ashutosh Kumar Singh Mr. Jitendra Saroj | NEC-454 | CO3, CO5 |
| 04 | 17-04-2017 | Concept of power distribution of electromagnetic waves(EM waves) when directional coupler is used as a power splitter | Mrs. Sarabjeet Kaur Dr. S. D. Choudhary Mohd. Sazid | NEC-601 | CO4, CO5 |
| 05 | 19-04-2017 | Frequency Response of Common Source Amplifier | Mr. Manish Kumar Ms. Khyati Kandpal Mr. Kamal Bhatia | NEC-402 | CO1, CO3 |
| 06 | 23-03-2017 | Penetration of Electromagnetic waves through different medium | Mohd. Sazid Dr. S. D. Choudhary Ms. Vidhi Sachdeva | NEC-404 | CO1 |
| 07 | 14-04-2017 | Behaviour of electromagnetic waves(EM waves) when obstacle of different material is placed in between Transmitting and Receiving Horn antenna | Mohd. Sazid Dr. S. D. Choudhary Mr. Devendra Pratap | NEC-404 | CO1, CO2 |
| 08 | 19-04-2017 | Tower of HANOI problem for (N=3) | Mrs. Nidhi Sharma | NEC-401 | CO2 |



ACTIVITY BASED LEARNING (ABL)

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Details of activities conducted in the department for **odd semester** students:

| Sl. No. | Date of Activity | Title of the Activity | Conducted by (Faculty) | Subject Code | Mapping With CO's |
|---------|------------------|---|--|--------------|-------------------|
| 01 | 13-10-2016 | Various projects implementation on bread board | Ms. Khyati Kandpal Ms. Monika Singh | NEC-304 | CO3, CO4 |
| 02 | 15-08-2016 | Importance of modulation in communication system | Mrs. Sarabjeet Kaur Dr. S. D. Choudhary | NEC-502 | CO1, CO2 |
| 03 | 11-08-2016 | Concept of line of sight propagation of Electromagnetic waves(EM waves) through transmitting and receiving antennas | Mrs. Sarabjeet Kaur | NEC-504 | CO3, CO5 |
| 04 | 15-08-2016 | To generate the triangular waveform using OPAMP IC -741 | Dr. Laxman Singh | NEC-352 | CO1, CO2 |
| 05 | 13-10-2016 | Design of full adder using two half adder and design of half adder using NAND gates | Ms Khyati Kandpal Mrs. Kanika Jindal Mohd Raza | REC-301 | CO1, CO2 |
| 06 | 13-09-2016 | Construction and Analysis of R Chart | Mr. Rajiv Kumar | NOE-072 | CO1, CO2 |
| 07 | 17-10-2016 | Multiple Access Techniques Analysis using Wireless Technology | Dr. Nisha Walde | NEC-702 | CO1, CO2 |