

ACTIVITY BASED LEARNING (ABL)

Session: 2018-2019

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	12-04-19	Traffic light control	Ms Priyanka Verma	REC 451	CO1, CO2
02	12-04-19	PWM Based Speed Control of DC motor	Mr. Manish Kumar	REC 451	CO1, CO2
03	16-03-19	Range selection & component testing	Dr Laxman Singh	REC 453	CO1
04	16-03-19	Square Wave generator using Op-Amp	Dr Laxman Singh	REC 453	CO2
05	19-03-19	Triangular Wave Generator	Dr Laxman Singh	REC 453	CO2
06	18-02-19	Behaviour of EM waves, when obstacle of different material is placed between transmitting & receiving Horn Antenna	Dr Suryo Deo Chaudhary Dr Prasanna Kumar singh Moh Sazid Mrs Sarabhjeet Kaur Mrs Shilpee Patil Mr Niraj Agarwal	REC 601	CO3
07	11-03-19	Displaying a desired pattern	Mr. Manish Kumar	REC 062	CO1, CO2
08	10-04-19	Study and implement of step up DC to DC converter	Ms. Priyanka Verma	REC 062	CO1, CO2
09	10-04-19	Design and analysis of Phase Lead compensator using MATLAB	Mr.Devendra Pratap Mr. Ranjan Kumar Ms. Khyati Mohammad Raza	RIC 603	CO1, CO3
10	15-04-19	Study of 650nm analog link and relationship between input and received signal	Mr. Dhananjay Ms Swarnima	NEC-802	CO1
11	18-04-19	Message, circuit and packet switching techniques	Mr. Anshu Kumar	NEC 041	CO1



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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	19-08-2018	Design of full adder using 2 half adder & design of half adder using NAND gate	Ms Khyati Kandpal & Mohd. Raza	REC 301	CO3
02	21-08-2018	To understand the concept of message, circuit and packet switching techniques used in VoIP	Mr. Anshu Sharma	NEC 033	CO1
03	18-10-2018	Recognition of Pin in dual in line package IC	Mr. Manish Kumar	REC 501	CO1
04	23-11-2018	DSP lab using MATLAB instead of CCS	Mr. Dhananjay Singh	REC 553	CO1
05	14-08-2018	To measure the output voltage of LED of different colours with resistors connected in series	Mrs Sarabhjeet Kaur	NEC 701	CO1, CO2
06	19-09-2018	Construction and analysis of R chart	Mohd. Raza	NOE 072	CO1, CO2
07	04-10-2018	Multiple access techniques analysis using wireless technology	Ms. Nisha Walde	NEC 702	CO1, CO2
08	04-10-2018	Half wave and full wave rectifier on breadboard	Mr. Ashutosh Kumar Singh	NEC 352	CO2, CO3