



**ACTIVITY BASED LEARNING (ABL)**

**Session: 2017-2018**

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	10-04-2018	Behaviour of Electromagnetic Waves when Obstacle of different material is placed in between Transmitting & Receiving Horn Antenna	Dr. S. D. Choudhary Mrs. Sarabjeet Kaur Mohd Sazid	NEC 601	CO3, CO4
02	11-04-2018	Concept of Power Distribution of Electromagnetic Waves when Directional Coupler is used as a power splitter	Mrs. Sarabjeet Kaur Dr. S. D. Choudhary Mohd Sazid Mr. Himanshu Yadav	NEC 601	CO1, CO2
03	12-04-2018	Sensor Interfacing with MSP430 Microcontroller	Mrs. Priyanka Verma	REC 401	CO3, CO5
04	13-04-2018	Simulation and Synthesis of 1:4 demultiplexer using Xilinx	Ms. Khyati Kandpal Mrs. Vidhi Sachdeva	NEC603	CO4, CO5
05	17-04-2018	Range Selection & Component Testing	Mr. Ashutosh Kumar Singh Mr. Jitendra Saroj	REC 403	CO1, CO3
06	26-04-2018	Demonstration of alignment and exposure of Mask in Photolithography	Mr. Rajan Singh	NEC 603	CO1
07	11-04-2018	Displaying his/her name with different Pattern	Mr. Manish Kumar	REC 401	CO1, CO2
08	26-04-2018	Huffman Coding	Mr. Rajan Singh	REC 602	C02
09	24-04-2018	Verification of Linear and Circular Convolution using MATLAB	Mr. Devendra Pratap Mr. Mayank Punetha	NEC 011	C04
10	17-04-2018	Wireless Power Transfer	Ms. Sonia Gupta Ms. Priya Rajput	NEC 801	C01, C02
11	10-04-2018	Packet Switching	Mohd Raza	NEC 041	C02



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**Session: 2017-2018**

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	17-08-2017	SOP and POS expression on breadboard	Ms. Kanika Jindal Ms. Khyati Kandpal	REC-301	CO1
02	20-08-2017	Communication Problems and its analysis using system models	Dr. Nisha Walde	NEC-702	CO1, CO2
03	25-08-2017	Half wave and full wave rectifier on breadboard	Mr. Ashutosh Kumar Singh	NEC-352	CO2, CO3
04	29-08-2017	Sampling	Mr. Rajan Singh	NEC-552	CO5
05	31-08-2017	To generate the triangular waveform using OPAMP IC -741	Dr. Laxman Singh	NEC-352	CO1, CO2
06	12-09-2017	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
07	13-09-2017	Construction and Analysis of R Chart	Mr. Rajiv Kumar	NOE-072	CO1, CO2
08	14-09-2017	Modernisation Affecting Relationships (GD)	Miss. Meeakshi Sharma	RVE-301	CO2
09	21-09-2017	To measure the output voltage of LED of different colours with resistors connected in series	Mrs. Ragini Shukla	NEC-701	CO1, CO2
10	17-10-2017	Multiple Access Techniques Analysis using Wireless Technology	Dr. Nisha Walde	NEC-702	CO1, CO2