

**ACTIVITY BASED LEARNING (ABL)/PRACTICAL BASED LEARNING (PBL)****Session: 2023-2024 (Odd)**

01	12-09-2023	An activity where students troubleshoot faulty electronic circuits, identifying and fixing issues with diodes, transistors, resistors, and other components.	Mr. Ashutosh Kumar Singh	AEC0302	CO2	<a href="#">AEC0302.docx</a>
02	19-09-2023	Behaviour of Electromagnetic Waves (EM Wave) when Obstacle of different material is placed in between Transmitting & Receiving Horn Antenna.	Md. Sazid	AEC0503	CO3	<a href="#">ABL_AEC0503.docx</a>
03	27-09-2023	An activity where students participate in simulated cybersecurity challenges where they must solve puzzles, find vulnerabilities, and exploit weaknesses in a controlled environment.	Mr. Himanshu Yadav	ANC0301	CO3	<a href="#">ANC0301.docx</a>
04	03-10-2023	Write a Python Program for importing and displaying the contents of a Comma Separated Values (CSV) databases file.	Dr. Himanshu Sharma	AEC0516	CO4	<a href="#">AEC0516.docx</a>
05	10-10-2023	To study concept of inheritance in object-oriented techniques.	Ms. Anamika Srivastava	AOE0763	CO2	<a href="#">ABL-PBL_AOE0763.docx</a>
06	13-10-2023	To make students understand about various key challenges those occur in IoT.	Ms. Swarnima, Ms. Mona Devi	AEC0711	CO3	<a href="#">AEC0711.docx</a>
07	18-10-2023	To make students understand about various Design Thinking Tools.	Ms. Bhawna Khullar	ACSE0503	CO1	<a href="#">ABL_A_CSE0503.docx</a>

08	25-10-2023	To Design 4 Bit magnitude comparator using logic gate available Dsch3.8-Microwind and verify outputs using bread board in the CMOS DIC lab.	Mrs. Nidhi Sharma	AEC0552	CO4	<a href="#">AEC0502.docx</a>
09	31-10-2023	To implement running LED Tower	Dr. V. K. Pandey	AEC0301	CO2	<a href="#">ABL_PBL_AEC0301.pdf</a>
10	2-11-2023	Design and implement of proportional, integral and derivative controllers used in modern control system using MATALB and Simulink.	Mr. Devendra Pratap	AEC0501	CO2	<a href="#">ABL_AEC0501.docx</a>
11	24-11-2023	Zeros and Poles in System Analysis	Dr. Niraj Agrawal	AEC0303	CO4	<a href="#">ABL-PBLSSN_AEC0303.docx</a>
12	01-12-2023	To study Exploratory Data Analysis (EDA) using jupyter notebook	Dr. Mritunjay Rai	AEC0713	CO4	<a href="#">ABL-PBL_AEC0713.docx</a>

**Session: 2023-2024 (Even)**

1	24-01-2024	To understand the concept of basic terminology- field, record and file structure.	Mrs. Nidhi Sharma	AOE0662	CO2	<a href="#">AOE066 2.docx</a>
2	04-03-2024	Understand the 5G protocols using Activity based learning.	Dr. Niraj Agrawal	AEC0603	CO3	<a href="#">AEC060 3.docx</a>
3	06-03-2024	Create a Chatbot on a Topic of your Choice.	Ms. Neha	AEC0616	CO3	<a href="#">AEC061 6.docx</a>
4	10-04-2024	Half Wave and Full Wave Rectifier on Breadboard	Dr.V. K. Pandey & Mr. Ashutosh Kumar Singh	AEC0402	CO3	<a href="#">AEC040 2.docx</a>
5	12-04-2024	Design and implement a robust machine-learning model that can efficiently predict the disease of a human, based on the symptoms that he/she possesses.	Dr. Mritunjay Rai, Ms. Shikha Singh	AEC0613	CO4	<a href="#">AEC061 3.pdf</a>
6	15-04-2024	To study Delta modulation and demodulation technique.	Ms. Sarabjeet Kaur, Mr. Himanshu Yadav	AEC0401	CO4	<a href="#">AEC040 1.docx</a>
7	16-04-2024	Assembly Language Programming for Microprocessors	Amit Kumar Yadav	AEC0404	CO3	<a href="#">AEC040 4.docx</a>
8	16-04-2024	Effect of decimation and interpolation process on sinusoidal signal for discrete time signal	Mr. Devendra Pratap	AEC0601	CO2	<a href="#">AEC060 1.docx</a>