

Learning through Research Paper

Details of activities conducted in the department to promote 2nd, 3rd and 4th year students towards research activity:

Session: 2023-2024 (Odd Semester)

Sl. No.	Name of Faculty	Title	Semester	Date	Mapping with POs	Online Link
1.	Dr. Mohd Sazid	Optical Fiber Communication-The State of the Art	7 th	11/09/2023	PO1, PO2, PO3, PO4, PO5, PO6, PO7	1.docx
2.	Mr. Ashutosh Singh	A comparative study of advanced MOSFET concepts	5 th	15/09/2023	PO1, PO2, PO4, PO5, PO6, PO7	2.docx
3.	Mrs. Nidhi Sharma	CMOS Active Filter Design at Very High Frequencies	5 th	18/09/2023	PO1, PO2, PO3, PO4, PO5, PO6, PO7	3.docx
4.	Dr. Niraj Agrawal	A brief study on Fourier transform and its applications	3 rd	04/10/2023	PO1, PO2, PO3, PO4, PO5, PO6, PO7	4.docx
5.	Dr. Himanshu Sharma	Internet of Things is a revolutionary approach for future technology enhancement: a review	5 th	20/10/2023	PO1, PO2, PO4, PO6, PO7	5.docx
6.	Prof. Pavan Kumar Shukla	Study on 5G Technology and Logical Review	7 th	25/10/2023	PO1, PO2, PO4, PO5, PO6, PO7	6.docx
7.	Mr. Himanshu Yadav	Delta Modulation	3 rd	02/11/2023	PO1, PO2, PO3, PO4, PO6, PO7	7.docx
8.	Prof. V. K. Pandey	Analytical Study of High Performance Flip-flop Circuits Based On Performance Measurements	3 rd	17/11/2023	PO1, PO2, PO3, PO4, PO5, PO6, PO7	8.docx

Session: 2023-2024 (Even Semester)

1	Prof. V. K. Pandey	Compact Coradiator UWB-MIMO Antenna With Dual Polarization	4 th	12/02/2024	PO1, PO2, PO3, PO4, PO5, PO6, PO7	1.docx
2	Dr. Niraj Agrawal	Ultra-low profile solar-cell-integrated antenna with a high form factor	4 th	22/02/2024	PO1, PO2, PO4, PO5, PO6, PO7	2.docx
3	Prof. Pavan Kumar Shukla	A Signal Theoretic Approach for Envelope Analysis of Real-Valued Signals	6 th	01/03/2024	PO1, PO2, PO3, PO4, PO5, PO6, PO7	3.docx
4	Dr. Himanshu Sharma	Foundations and Evolution of Modern Computing Paradigms: Cloud, IoT, Edge, and Fog	6 th	11/03/2024	PO1, PO2, PO3, PO4, PO5, PO6, PO7	4.docx
5	Mr. Ashutosh Singh	CMOS Low-Noise Amplifier Design Optimization Techniques	8 th	18/03/2024	PO1, PO2, PO4, PO6, PO7	5.docx
6	Dr. Mohd Sazid	A Ka-Band Switchable LNA With 2.4-dB NF Employing a Varactor-Based Tunable Network	8 th	26/03/2024	PO1, PO2, PO4, PO5, PO6, PO7	6.docx
7	Mrs. Nidhi Sharma	Performance analysis of 65 nm CMOS LNA using SSL technique for 5G cellular front-end receivers	8 th	12/04/2024	PO1, PO2, PO3, PO4, PO6, PO7	7.docx
8	Mrs Kanika Jindal	A Varactor-Based Very Compact Tunable Filter with Wide Tuning Range for 4G and Sub-6 GHz 5G Communications	6 th	25/04/2024	PO1, PO2, PO3, PO4, PO5, PO6, PO7	8.docx