

IIMT COLLEGE OF ENGINEERING, GREATER NOIDA

FACULTY PUBLICATION

SESSION: 2024-25

DEPARTMENT: ELECTRONICS AND COMMUNICATION ENGINEERING

S. NO.	NAME OF FACULTY	DEPARTMENT	NAME OF BOOK/CHAPTER EDITED/PUBLICATION DETAIL	MONTH / YEAR	NAME OF JOURNAL / CONFERENCE / SEMINAR	ISBN / ISSN NO.
1	Dr Pankaj Jha	ECE	Tunable Graphene -Loaded Ultra Wide -Band Antenna for Reconfigural Notch Band in THz Spectrum	2024-25	Plasmonics, Springer	ISSN NO.: 1557-1963
		ECE	A miniaturized Implantable Antenna for Bio-Medical Applications	2024-25	2024 IEEE 11TH International Conference on Electrical, Electronics and Computer Engineering (UPCON), at Shri Ramswaroop Memorial College of Engineering and Management, Lucknow (Date: Nov 29-Dec 01, 2024) UPCON Special Session for Microwave and mmWave Antennas for NextGen Communication System	Electronic ISSN: 2687-7767 Print on Demand(PoD) ISSN: 2687-7759
		ECE	DGS based Eight-Port MIMO antenna for 5G(N-79) and Sub-6 GHz applications	2024-25	2024 IEEE 11TH International Conference on Electrical, Electronics and Computer Engineering (UPCON), at Shri Ramswaroop Memorial College of Engineering and Management, Lucknow (Date: Nov 29-Dec 01, 2024) UPCON Special Session for Microwave and mmWave Antennas for NextGen Communication System	Electronic ISSN: 2687-7767 Print on Demand(PoD) ISSN: 2687-7759
		ECE	Neutralized Line and Slot Loaded Compact MIMO Antenna for WLAN Applications	2024-25	2024 IEEE 11TH International Conference on Electrical, Electronics and Computer Engineering (UPCON), at Shri Ramswaroop Memorial College of Engineering and Management, Lucknow (Date: Nov 29-Dec 01, 2024) UPCON Special Session for Microwave and mmWave Antennas for NextGen Communication System	Electronic ISSN: 2687-7767 Print on Demand(PoD) ISSN: 2687-7759
2	Ms. Arpita Gupta	ECE	Nanozyme-Hydrogel Composites: Innovations in Drug Delivering and Tissue Enineeing	2024-25	Nanotechnology Perceptions	ISSN: 1660-6795

3	Dr. Seema Nayak	ECE	Innovative Portable Stress Monitoring Unit Using EMG Application	2024-25	1ST International Conference on Sustainability and Technological Advancements in Engineering Domain at MRIIRS, Faridabad (Date: 13-14 Dec 2024)	
4	Dr. Taslima Ahmed	ECE	GUI Sustainable Model for Detection of SomeNeurological Disorders based on the Effects of Potassium Ion Bifurcation	2024-25	1ST International Conference on Sustainability and Technological Advancements in Engineering Domain at MRIIRS, Faridabad (Date: 13-14 Dec 2024)	Electronic ISBN:979-8-3503-9165-7 Print on Demand (PoD) ISBN:979-8-3503-9166-4
5		ECE	A comprehensive study on meta-heuristic optimization approach for maximum power-point tracking in solar power system	2024-25	Taylor & Francis (Book Chapter)	ISBN: 978-1-0035-3007-7
6	Dr. Goptal Krishan	ECE	Supervised Machine Learning Techniques in the improvement of performance of solar PV system due to partial shading	2024-25	IEEE 2ND International Confernce on Advancement and Key Challenge in Green Energy and Computing at AKGEC, Ghaziabad (Date: 21-23 Nov 2024)	Electronic ISBN:979-8-3503-9017-9 Print on Demand(PoD) ISBN:979-8-3503-9018-6
7	Ms. Sheetal Nagar	ECE	The integration of vehicle to grid tecnology & advanced driver assistance systems	2024-25	IEEE 4th Internation Conference on Adancement in Electronics & Communication Engineering at RKG Institute of Technology, Ghaziabad (Date: 22-23 Nov 2024)	Electronic ISBN:979-8-3503-6472-9 Print on Demand(PoD) ISBN:979-8-3503-6473-6
		ECE	Gesture-Based Virtual Keyboard: Enhancing Human -Computer Interaction Through Hand Tracking	2024-25	2024 International Conference on Cybernation and Computation (CYBERCOM)Dehradun, India Date of Conference: 15-16 November 2024	Electronic ISBN:979-8-3315-4234-4 Print on Demand(PoD) ISBN:979-8-3315-4235-1
8	Mr. Basanta Mahato	ECE	Enhancing Respiratory Health with Smart Cooling Masks and Immune System Monitoring	2024-25	7th IEEE International Conference on Emerging Smart Computing and Informatics (IEEE ESCI-2025) at Institute of Information Technology, Pune (Date: 5-7 Mar 2025)	Electronic ISSN: 2996-1815 Print on Demand(PoD) ISSN: 2996-1769
9	Mr. Manikesh Kumar Jha	ECE	Revolutionizing industries and empowered human potential with artificial intelligence tool and application	2024-25	2024 IEEE International Conference on Trends in Quantum Computing and Emerging Business Technologies at CHRIST, Pune (Date: 22-23 Mar 2024)	Electronic ISBN:979-8-3503-8427-7 USB ISBN:979-8-3503-8426-0 Print on Demand(PoD) ISBN:979-8-3503-8428-4
10	Ms. Preeti Nitin Bhatt	ECE	Optimizing Cloud Security with CNN and XGBoost Modes for Intrusion Detection System	2024-25	IEEE 3rd International Conference on Integrated Cirucits and Communicatio System at Sir Visvesvaraya College of Engineering, Raichur (Date: 21-22 Feb 2025)	Electronic ISBN: 979-8-3315-0845-6 Print on Demand (PoD) ISBN: 979-8-3315-0846-3