

Details of Conference Papers (If not published as book chapter) ACADEMIC SESSION: 2024-25									
S. No.	Faculty/Author	Paper Title	Details of Conference	Month (In number format)	Year	Publisher	DOI/Link	ISSN/ ISBN No.	Indexing (if any)
1	Monika Bhardwaj	Integrated Cleaning and Sun Tracker for Solar Panels	International Conference on Advanced Materials for Sustainable Innovation (IC – AMSI 2024)	8	2024	Others	https://doi.org/10.1007/978-981-96-4492-6_17	978-981-96-4491-9, 630811_1_En, (Chapter 17), Springer Proceed. in Energy	Scopus
2	Monika Bhardwaj	Mental Health Monitoring Device	6th International Conference on Recent Advances in Information Technology (RAIT 2025) held at the Indian Institute of Technology (Indian School of Mines), Dhanbad, India	3	2025	IEEE Explore	doi: 10.1109/RAIT65068.2025.11089379		Scopus
3	Monika Bhardwaj	Transformative Effect of AI in Education	International Conference on Transforming Higher Education for Future: Education 4.0, Thapar Institute of Engineering and Technology	7	2025	Others			Scopus
4	Ravi Sharma	Integrating Simulated Annealing with Binary Optimization Techniques for PMU Placement	THE 16th INTERNATIONAL IEEE CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT)	7	2025	IEEE Explore			
4	Sheersh Kumar Garg	Integrating Simulated Annealing with Binary Optimization Techniques for PMU Placement	THE 16th INTERNATIONAL IEEE CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT)	7	2025	IEEE Explore			
5	Rahul Garg	Integrating Simulated Annealing with Binary Optimization Techniques for PMU Placement	THE 16th INTERNATIONAL IEEE CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT)	7	2025	IEEE Explore			
6	Dr. Sunil Kumar Pandey	Three Phase Single Stage Grid Synchronized PV Generator with Seamless Mode Transfer	Third International Conference on Signals, Machines and Automation	12	2024	Others			Scopus
7	Dr Neelam Kassarwani	Machine Learning Algorithms to Diagnose Parkinson's Disease Using Vocal Data	International Conference on Signal, Machines, Automation, and Algorithm, Advances in Intelligent Systems and Computing 1460	12	2024	Springer	https://doi.org/10.1007/978-981-97-6352-8	978-981-97-6352-8	Scopus
8	Lalit Aggarwal	Image Forgery Detection System Using Passive Techniques	International Conference on Signal, Machines, Automation, and Algorithm, Advances in Intelligent Systems and Computing 1460	12	2024	Springer	10.1007/978-981-97-6352-8_17	978-981-97-6352-8	Scopus
9	Lalit Aggarwal	A Device to Develop Depth Map Using Principles of Stereoscopic Vision	International Conference on Signal, Machines, Automation, and Algorithm, Advances in Intelligent Systems and Computing 1460	12	2024	Springer	10.1007/978-981-97-6352-8_23	978-981-97-6352-8	Scopus

10	Poonam Juneja	Real-Time Intelligent Vehicle Monitoring and License Plate Recognition System using	International Conferences on Artificial Intelligences(ICAI)	5	2025	Others			
11	Supriya Sharma	Real-Time Intelligent Vehicle Monitoring and License Plate Recognition System using	International Conferences on Artificial Intelligences(ICAI)	5	2025	Others			
13	Neelu Nagpal	Comparative Analysis of Short-Term Load Forecasting Techniques: Conventional Deep Learning Models Versus Proposed LSTM with Attention	5th International Conference on Recent Developments in Control, Automation and Power Engineering, Springer	4	2025	Springer	https://doi.org/10.1007/978-981-96-0047-2_36	978-981-96-0047-2	Scopus
14	Neelu Nagpal	Simultaneous Dynamic State Estimation and Fault Data Detection in Frequency Control Loop of Interconnected Multi-area Power Systems.	International Conference on Signal, Machines, Automation, Algorithm	12	2024	Springer	https://doi.org/10.1007/978-981-97-6352-8_53	978-981-97-6352-8	Scopus
15	Neelu Nagpal	Machine Learning Algorithms to Diagnose Parkinson's Disease Using Vocal Data	International Conference on Signal, Machines, Automation, Algorithm	12	2024	Springer	https://doi.org/10.1007/978-981-97-6352-8_53	978-981-97-6352-8	Scopus
16	Lalit Aggarwal	GUI-Based Diabetes Prediction Using Pipeline.	International Conference on Signal, Machines, Automation, Algorithm	12	2024	Springer	10.1007/978-981-97-6352-8_25	978-981-97-6352-8	Scopus

Details of Journal Papers ACADEMIC SESSION (2024-25) Add Rows if Required *(Indexing: SCI and SCIE shall be listed as SCI)												
S. No	Faculty/Author	Author Position	Whether Corresponding/ Mentor author? (Y/	Paper Title	Journal name	Volume	Page No	Month (In number format)	Year	DOI	ISSN/ ISBN No.	Indexing *
1	Monika Bhardwaj	1	Y	Grid-Connected PV Inverter System Control Optimization Using Grey Wolf Optimized PID Controller	Scientific Reports Springer Nature				2025	https://doi.org/10.1038/s41598-025-10617-Z		SCI
2	Shashibala Agarwal	1	Y	Deep Learning Based Classification and Combined Transform Based Feature Extraction Approach for Mental Stress Prediction of Human Beings Using EEG	Transactions on Emerging Telecommunications Technologies, Wiley	Vol. 36, issue 6		5	2025	https://doi.org/10.1002/ett.70155		SCI
3	Dr. Sunil Kumar Pandey	2	N	A Multifunctional VSC for Grid Synchronized SPV System with Mode Transfer Capability	Journal of Electrical Systems	20-11s	4735-4746	12	2024	https://doi.org/10.52783/jes.8650	1112-5209	Scopus
4	Dr. Sunil Kumar Pandey	2	N	Revolution on Wheels: The Past, Present, and Future of Electric Vehicles	International Journal of Advance Scientific research	9	66-72	5	2025			
5	Dr Jitender Kumar	1	Y	Implementation of Dual Metal Gate for improvement in Analog/RF and Linearity Performance of Cylindrical SOI Schottky-Barrier MOSFET for Low Power Applications	International Journal of High Speed Electronics and systems	33	2450003 (24 pages)	9	2024	https://doi.org/10.1142/S0129156424500034	1793-6438	Scopus
6	Dr Jitender Kumar	1	Y	Analytical Modeling of Cylindrical Silicon-on-Insulator Schottky Barrier MOSFET and Impact of Insulator Pillar Radius on Analog/RF and Linearity Parameters for Low Power Circuit Application	Microelectronics Journal of Science Direct Elsevier	156		2	2025	https://doi.org/10.1016/j.mejo.2024.106505	1879-2391	SCI
7	Dr. Neelu Nagpal	2	Y	Noisy and non-stationary power quality disturbance classification based on adaptive segmentation empirical wavelet transform and support vector machine	Computers and Electrical Engineering, Elsevier	118	109346	8	2024	https://doi.org/10.1016/j.compeleceng.2024.109346		SCI
8	Dr. Neelu Nagpal	Other	N	Efficient design of tunable VFOD and VFOI for narrowband applications	Journal of Power Electronics, Springer Nature	25	1156-1165		2025	https://link.springer.com/article/10.1007/s43236-025-01050-0		SCI
9	Lalit Aggarwal	1	Y	Reducing overfitting in deep learning intrusion detection for power systems with CTGAN	Chaos, Solitons & Fractals, Elsevier	188	115603	11	2024	https://doi.org/10.1016/j.chaos.2024.115603		SCI
10	Supriya Sharma	1	Y	Development of an ANH control algorithm for improved powerquality in EV-PV microgrids	Sādhanā, Springer	50		7	2025	https://doi.org/10.1007/s12046-025-02870-3	0973-7677	SCI
11	Prof(Dr) Rajveer Mittal	Other	N	Building an LLM sCRATCH	International Journal of Science and Research Archive		1426-1434	4	2025	10.30574/ijrsra	2582-8185	