

| DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING (2nd Shift) | | | | | |
|--|---------------------|---|---|-------------------|-------------|
| Journal Publications (Since 2017) | | | | | |
| S. No. | Faculty Name | Title | Journal | ISSN | Year |
| 1 | Sandeep Singh | Adaptive infinite impulse response system identification using teacher learner based optimization algorithm | Applied Intelligence | 1573-7497 | 2018 |
| 2 | Dr. Pardeep Sangwan | Speech Recognition using Wavelet based Feature Extraction Techniques | Global Journal of Enterprise Information System | 0975-1432 | 2017 |
| | | Spectral Feature Extraction Techniques for Speech Recognition | International Journal of Multidisciplinary Research and | 2349-4182 | 2017 |
| | | A Structured Approach towards Robust Database Collection for Speaker Recognition | Global Journal of Enterprise Information System | 0975-1432 | 2017 |
| | | Feature Extraction for Speaker Recognition: A Systematic Study | Global Journal of Enterprise Information System | 0975-1432 | 2017 |
| | | Feature Matching Techniques for Speaker Recognition | Global Journal of Enterprise Information System | 0975-1432 | 2018 |
| 3 | Dileep Kumar | A Low Power CMOS-Based VCO Design with I-MOS Varactor Tuning Control | Journal of Circuits, Systems and Computers | 1793-6454 | 2018 |
| 4 | Neetu Sehrawat | Calculation of the resonant frequency of a rectangular dielectric | International journal of computational electronic | 1572-8137 | 2018 |
| 5 | Parul Chaudhary | Energy harvesting from human biomechanical energy for health monitoring | IETE Journal of research(Taylor and Francis) | | 2018 |
| Conferences Publications (Since 2017) | | | | | |
| S. No. | Faculty Name | Title | Conference Name | ISSN/ ISBN | Year |
| 1 | Parul chaudhary | Demonstration of double electrode vertical-sliding triboelectric generator | IEEE International Conference on Computing Communication and Automation (ICCCA2017) | 978-1-5090-6471-7 | 2017 |
| 2 | Sandeep Singh | Optimal Design of IIR filter using Dragonfly Algorithm | Ist International conference on Signals, Machines and Automation (SIGMA-2018) | | 2018 |
| 3 | Garima | Optimal Design of IIR filter using Dragonfly Algorithm | Ist International conference on Signals, Machines and Automation (SIGMA-2018) | | 2018 |
| | | Comparison between Radix-2, Radix-4 and Radix-8 Booth Multiplier | International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2018) | | 2018 |
| 4 | Upma | Analysis of Fuzzy logic, ANN, and ANFIS based models for the forecasting of wind power | International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2018) | | 2018 |
| Books Published | | | | | |
| S. No. | Faculty Name | Title | Publisher | ISSN/ ISBN | Year |
| 1 | Dr. Pardeep Sangwan | An Introduction to Speech Recognition | Research India Publications | 978-93-84443-49-8 | 2017 |
| 2 | Dr. Pardeep Sangwan | Noise Robust Speaker Recognition System | Research India Publications | 978-93-87374-65-2 | 2018 |