**Annexure – 2**

**Publications of SCI/SCIE/SCOPUS Journal (2016) -**

| Sr. No | Title of paper | Name of the author/s | Name of journal | Year of publication | ISBN/ISSN number |
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| 1 | A Colored Petri-Net based frequency support scheme using integrated fleet of electric vehicles in smart grid environment | Kuljeet Kaur, Rubi Rana, Neeraj Kumar, Mukesh Singh, and Sukumar Misra | IEEE Transactions on Power Systems | 2016 | 1932-8184(Print); 1937-9234 (Online) |
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| 3 | A novel algorithm to predict knee angle from emg signals for controlling a lower limb exoskeleton | Inderjeet Singh Dhindsa, Ravinder Agarwal, Hardeep Singh Ryait | Mathematical Modeling, CEUR Workshop Proceeding | 2016 | 1613-0073 |
| 4 | A Package SFERCB-Segmentation ,Feature Extraction, reduction and Classification Analysis by both SVM and ANN for Brain Tumors | Jainy Sachdeva, Vinod Kumar, Indra Gupta, Niranjan Khandelwal, Chirag Kamal Ahuja | Applied Soft Computing | 2016 | 1568-4946 |
| 5 | A review on microgrid central controller. | Amandeep Kaur, Jitender Kaushal, Prasenjit Basak | Renewable and Sustainable Energy reviews | 2016 | 1364-0321 |

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| 6 | A Review on Optimization Techniques for Sizing of Solar-Wind Hybrid Energy Systems | Shakti Singh, Mukesh Singh, and Subhash Chandra Kaushik | International Journal of Green Energy | 2016 | 1543-5075(Print): 1543-5083 (Online) |
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| 11 | Comparison of muscles activity of abled bodied and amputee subjects for around shoulder movement | Amanpreet Kaur, Ravinder Agarwal and Amod Kumar | Biomed Mater Eng | 2016 | 0959-2989 (Print), 1878-3619 (online) |
| 12 | Development of low-cost event marker for EEG-based emotion recognition | Mooninder Singh, Mandeep Singh | Transactions of the Institute of Measurement and Control | 2016 | 0142-3312 (print); 1477-0369 (online) |

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| 15 | Fusion of palm-phalanges print with Palmprint and dorsal hand vein | G. Chaudhary, S. Srivastava, Saurabh Bhardwaj and S. Bhargava | Applied Soft Computing | 2016 | 1568-4946 |
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| 19 | Optimal power scheduling of renewable energy systems in microgrids using distributed energy storage system | Shakti Singh, Mukesh Singh, and Subhash Chandra Kaushik | IET Renewable Power Generation | 2016 | 1752-1416 |
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| 5 | Combined heat and power economic dispatch using integrated civilized swarm optimization | Nitin Narang, Era Sharma and J.S. Dhillon | Applied Soft Computing | 2017 | 1568-4946 |
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| 1 6 | Effective Loss Minimization and Allocation of Unbalanced Distribution Network | Manvir Kaur and Smarajit Ghosh | Energies | 2 0 1 7 | 1996-1073 |
| 1 7 | Feature Extraction Methods for Speaker Recognition: A Review | Gopal, Smriti Srivastava, Saurabh Bhardwaj | International Journal of Pattern Recognition and Artificial Intelligence | 2 0 1 7 | 0218-0014 (print), 1793-6381 (online) |

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| 1 8 | Fractional order PID controller for power control in perturbed pressurized heavy water reactor | Ruchika Lamba, Sunil Kumar Singla, Swati Sondhi | Nuclear Engineering and Design | 2 0 1 7 | 0029-5493 |
| 1 9 | Fuzzy PID controller for interconnected grid with PV-EV DG system using soft comping Technique | Rakesh Kumar, RK Bansal, Surya Prakash | International Journal of Electrical Engineering | 2 0 1 7 | 0974-2158 |
| 2 0 | Impact of Modified Anisotropic Diffusion–Based Enhancement Method in Computer-Aided Classification of Focal Liver Lesions | Puja Bharti, Deepti Mittal, Rupa Ananthasivan | Ultrasonic Imaging | 2 0 1 7 | 0161-7346 (print), 1096-0910 (online) |
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| 2 2 | Model Reduction by New Clustering method and Frequency Response Matching | Sharad Kumar Tiwari and Gagandeep Kaur | Journal of Control, Autom | 2 0 1 7 | 2195-3880 (print), 2195-3899 |

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| 25 | Pulse based sensor design for wrist pulse signal analysis and health diagnosis | Krittika Goyal and Ravinder Agarwal | Biomedical Research | 2017 | 0970-938X (Print), 0976-1683 (online) |
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| 33 | Surrogate worth trade-off method for multi-objective thermal power load dispatch | Nirbhow Jap Singh, J. S. Dhillon, and D. P. Kothari | Energy | 2017 | 0360-5442 |
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| S. No. | Title of paper | Name of the author/s | Name of journal | Year of publication | ISBN/ISSN number |
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| 1 | Machine learning techniques for medical diagnosis of diabetes using iris images | Piyush Samant and Ravinder Agarwal | Computer Methods and Programs in Biomedicine | 2018 | ISSN: 0169-2607 |
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