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### Journals:

- **Hati, Ananda Shankar**, and Chatterjee, T. K., "Some studies on condition monitoring techniques for online condition monitoring and fault diagnosis of mine winder motor" International Journal of Engineering Science and Technology (IJEST), vol. 4, no. 08, pp. 3785-3793, August 2012.
- **Hati, Ananda Shankar**, and Chatterjee, T. K., "Axial leakage flux-based online condition monitoring instrumentation system for mine winder motor" Journal of Mines, Metals & Fuels, vol. 63, no. 5&6, pp. 132-140, May-June 2015. (SCOPUS|Q<sub>4</sub>|0.123).
- **Hati, Ananda Shankar**, and Chatterjee, T. K., "Current monitoring Instrumentation system for detecting airgap eccentricity in mine winder motor" International Journal of Applied Engineering Research, vol. 10, no. 22, pp. 43000-43007, 2015. (SCOPUS|Q<sub>2</sub>|0.18).
- **Hati, Ananda Shankar**, and Chatterjee, T. K., "Symmetrical component filter based online condition monitoring instrumentation system for mine winder motor" Measurement, (Elsevier), vol. 82, pp. 284-300, 2016 <https://doi.org/10.1016/j.measurement.2016.01.005> (SCI|Q<sub>1</sub>|IF: 3.364).
- **Hati, Ananda Shankar**, "Vibration monitoring instrumentation system for detecting airgap eccentricity in mine winder motor" Journal of Mine Metals and Fuels, vol. 64, no. 5&6, pp. 240-248, May-June 2016. (SCOPUS|Q<sub>4</sub>|0.123).
- Kumar Prashant and **Hati, Ananda Shankar** "Review on Machine Learning Algorithm Based Fault Detection in Induction Motors," Archives of Computational Methods in Engineering (2020), vol: 28, pp: 1929-1940, 2021 <https://doi.org/10.1007/s11831-020-09446-w> (SCI|Q<sub>1</sub>|IF: 7.351).
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- Prince, **Hati Ananda Shankar**, Chakrabarti Prasun, Abawajy Jemal Hussein and Ng Wee Keong "Development of Energy Efficient Drive for Ventilation System using Recurrent Neural Network," Neural Computing and Applications (2021) <https://doi.org/10.1007/s00521-020-05615-x> (SCI|Q<sub>1</sub>|IF: 4.774).
- Sinha Ashish Kumar, **Hati Ananda Shankar**, Benbouzid Mohamed and Chakrabarti Prasun "ANN-based Pattern Recognition for Induction Motor Broken Rotor Bar Monitoring under Supply Frequency Regulation" Machines (2021), vol: 9(5) <https://doi.org/10.3390/machines9050087> (SCIE)
- Prince and **Hati Ananda Shankar** "A Comprehensive Review of Energy-Efficiency of Ventilation System using Artificial Intelligence" Renewable and Sustainable Energy Reviews (2021), vol: 146, 2021 <https://doi.org/10.1016/j.rser.2021.111153> (SCI|Q<sub>1</sub>|IF: 12.348).

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- **Hati Ananda Shankar** and Chatterjee, T. K., "On-Line Condition Monitoring Instrumentation System of Mine Winder Motor" Proceedings of National Conference on Frontiers in Electronics, Communication and Instrumentation Technology (FECIT-2011), 3rd-4th Nov. 2011, Dhanbad, India
- Gorai Rahul, **Hati Ananda Shankar**, and Maity Tanmoy, "A new cascaded multilevel converter topology with a reduced number of components" 3rd IEEE 2017 Conference on International conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI-2017), 21-22 September 2017 | IEEE, Chennai, India., pp. 539-543, DOI: [10.1109/ICPCSI.2017.8392351](https://doi.org/10.1109/ICPCSI.2017.8392351)
- Pandit Isha, Sinha Ashish Kumar, Kumar Prashant and **Hati, Ananda Shankar** "Partial Discharge in Solid Insulating Materials, Causes, Effects and Factors of Dependence -A Comparative Investigation," International Conference on Advances & Practices in Electrical Engineering (ICAPE-18) 08-09 March 2018, Nagpur, Maharashtra, India.
- Kumar Prashant and **Hati, Ananda Shankar** "Vibration signature analysis for broken rotor bar detection in an Induction Motor" International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering (ICRIEECE) 27-28 July 2018 | IEEE, KIIT Bhubaneswar, India.
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- Kumar Prashant and **Hati, Ananda Shankar** "Support Vector Classifiers based broken rotor bar detection in Squirrel cage induction motor" 4<sup>th</sup> International and 19<sup>th</sup> National Conference on Machines and Mechanisms (iNaCoMM-2019) 5<sup>th</sup>-7<sup>th</sup> December 2019, IIT Mandi, INDIA DOI: [10.1007/978-981-16-0550-5](https://doi.org/10.1007/978-981-16-0550-5).

- Kumar Prashant, **Hati, Ananda Shankar**, Sanjeevikumar Padmanaban, Leonowicz Zbigniew and Prasun Chakrabarti "Amalgamation of Transfer Learning and Deep Convolutional Neural Network for Multiple Fault Detection in SCIM" 20<sup>th</sup> **IEEE** International Conference on Environment and Electrical Engineering, 9<sup>th</sup>-12<sup>th</sup> June 2020, Madrid, Spain, DOI: [10.1109/EEEIC/ICPSEurope49358.2020.9160712](https://doi.org/10.1109/EEEIC/ICPSEurope49358.2020.9160712).
  - Sinha Ashish Kumar, Kumar Prashant, Prince and **Hati, Ananda Shankar**, "ANN Based Fault Detection Scheme for Bearing Condition Monitoring in SRIMs using FFT, DWT and Band-pass Filters" 2020 International Conference on Power, Instrumentation, Control, and Computing (PICC) 2020 **IEEE** | DOI: [10.1109/PICC51425.2020.9362486](https://doi.org/10.1109/PICC51425.2020.9362486).
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