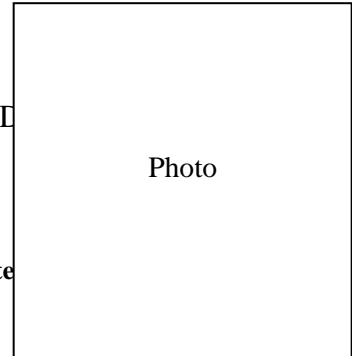


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Key Publications

1. Monu Malik, Ratna Dahiya” *Optimization of DC-DC boost converter assimilated with PV array with ANN*” is published in Journal of Advanced Research in Dynamical and Control Systems,JARDCS.2019 Sept 18 Vol-11,issue 6 pp 8-17.
2. Monu Malik, Aman Singh, Nitin,Sagnik” *Alcohol Detection and Vehicle Controlling*”, is published in Journal of Advances in communication Engineering and its Innovations Research in Dynamical and Control Systems,2020Sept 18 Vol-5,issue 2 pp 21-34

Papers presented in Conferences

1. Monu Malik, Ratna Dahiya,” Photovoltaics Energy Storage for Standalone System in locomotives”, IEEE,International Conference on Automation Computation & Technology Management,(ICACTM), 2019 23rd-26th April , London. (SCOPUS INDEXED)<http://ieeexplore.ieee.org/document/8776699>.
2. Monu Malik, Ratna Dahiya,” Designing a novel ANN optimized Converter for Photovoltaic Solar system,”IEEE,International Conference on Automation Computation & Technology Management,(ICACTM), 2019 23rd-26th April ,London. (SCOPUS INDEXED) <http://ieeexplore.ieee.org/document/8776798>
3. Monu Malik, Ratna Dahiya,” PV Applications in Battery Charging,” National conference on Recent Trends in Electrical , Electronics &communication Engineering” 2019. on 24th January, Indraprastha University, New Delhi.

4. Monu Malik, Tanya Dua, Snigdha, " Biomedical Signal processing: ECG Signal Analysis using Machine Learning in MATLAB," National conference on Advances in Metrology, Admet 2021 on 5th-6th March at MSIT, New Delhi.

Book Chapter/Books published

1. Monu Malik, Ratna Dahiya, " Optimization of DC-DC Converters for Off-Grid Lighting in Trains using Artificial Neural Networks", in Advances in Intelligent Systems and Computing. 2018 Jan, pp 333-334 .