



MANAV RACHNA UNIVERSITY, FARIDABAD

Sector 43, Aravalli Hills, ManavRachna Campus Rd, Faridabad, Haryana 121004

Prashant Bhardwaj

Designation: Assistant Professor

Qualifications: M.Tech., Ph.D.(P)

Email: prashant@mru.edu.in

Experience: 7 Years

[Google Scholar Profile](#)



Research Interest : Production & Industrial Engineering, Solar Energy Engineering

+ Journal Publication Details:

1. Mishra S, **Bhardwaj P.** Remaining Useful Life Estimation by Stochastic Markov Model and Monte-Carlo Simulation, International Journal of Industrial and Systems Engineering, DOI: 10.1504/IJISE.2020.10028947. (SCOPUS)
2. Mishra S, **Bhardwaj P,** Badhauria N. RELIABILITY AND AVAILABILITY ANALYSIS FOR A. 2018;13(6):116-126. (Scopus till 2017)
3. Singh H, Rawat H, Sadhra M, **Bhardwaj P.** Cutting Tool Prognostic using Markov Model. *Indian J Sci Technol.* 2017;11(45):1-4. doi:10.17485/ijst/2018/v11i45/132118 (WOS)
4. Mishra S, **Bhardwaj P,** Bhadauria N. Optimal Availability Analysis of Brake Drum Manufacturing System by using Markov Approach. 2016; 4(August):16-23.
5. Arora N, **Bhardwaj P,** Mishra S. Optimal Availability Analysis of Drill Bit. 2017;5(Xii):2261-2266.
6. **Bhardwaj P,** Mishra S, Vashishtha P. Remaining Useful Life (RUL) Estimation of a Turning Tool Using Statistical Trend Exploration Technique. 2016;(2):35-39.

+ Conference Publications:

1. Mishra S, **Bhardwaj P,** Badhauria N., Reliability and availability analysis for a manufacturing network by using active redundancy, in International Conference on Recent Trends and Innovations in Mechanical Engineering, at KIET Group of institutions, Ghaziabad, on 20th to 21st July 2018.
2. **Prashant Bhardwaj,** Simulation And Optimization Of A Hybrid Photovoltaic Thermal Greenhouse Dryer Using Soft Computing Technique, At National Conference On Recent Trends In Photovoltaic Technologies And Applications, On 24th August 2018 At Hi-Tech Institute Of Engg. & Tech.
3. **Prashant Bhardwaj,** Design & Simulation Of A Semiconductor Of A Semi-Transparent PVT Indirect Solar Dryer, in SOLARIS 2020- National Conference on Sustainable Environment and Climate, at SMU barabanki, U.P., on 7th to 9th Feb 2020.
4. **Prashant Bhardwaj,** Design and Simulation of a Semi-transparent Photovoltaic Thermal (PVT) Indirect Solar Dryer Integrated with Kitchen Chimney Using ANN Technique in "ICSE-2021"

organized by Department of Mechanical Engineering, Engineering College Bikaner under TEQIP-III during 26-27 February 2021.

5. **Prashant Bhardwaj**, Enviro-economic and Energy Matrices Analysis of Semi-transparent PVT Solar Dryer Integrated with Kitchen Chimney in "ICSE-2021" organized by Department of Mechanical Engineering, Engineering College Bikaner under TEQIP-III during 26-27 February 2021.

+ Administrative Responsibilities:

"Admission coordinator, BOS Member" in MRU from 2019 to Till date

+ Professional Affiliation:

UG-NX Mold Wizard SIEMENS certified

+ Event Organized(Conference/Seminar/FDP/Workshops

1. Organized FDP on **Renewable and energy conservation system** from 15th May-20th June 2020, at Manav Rachna University.
2. Organizing member of National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management & Education (ESTESME2017) at MRU Faridabad, on 1st April 2017.