

## Biosketch

### Faculty Name:



### Areas of Interest:

Thermal Engineering, Renewable Energy, Manufacturing Engineering

### Education

- MTech, RGPV university, Bhopal
- BTech,GHUTU University, Lucknow

### Academic/Industrial Experience

1. Assistant Professor, Mechanical Engineering, BHDTM, 2019-Present
2. Assistant Professor, Mechanical Engineering, BHDTM, 2015-2019
3. Lecturer, Mechanical Engineering, DDET Unnao 2011-2012

### Selected Publications

1. Swati Sachdev, Priyanka Bhatnagar (2015) Modeling and Performance Analysis of Heat Exchanger For Heavy Vehicles,Research Innovator (International Multidisciplinary Research Journal) Volume II Issue I, pp. 48-53,(Impact Factor-0.887)
2. Swati Sachdev, Priyanka Bhatnagar (2015), Graphite Foam Heat Exchanger for Vehicle, International journal of scientific processes research and application(IJSPRA), ISSN 2454-5376, www.ijspira.com Volume 1, Issue 1(May-June 2015), pp.13-19, (Impact Factor-6.79)
3. AHE Khan,Swati Sachdev, Shad Zaki, Vivek Kumar, Ajay, Yaq Meharzad (2020) A research paper on a comparative study of generation of electricity from waste water, Journal of Emerging Technologies and Innovative Research (JETIR) 2020, Volume 7, Issue 6 (June 2020), pp.134-139,(Impact Factor-7.95)
4. Anirudh Kumar,Swati Sachdev, Al Meftouch, Adarsh Sharma, Abhishek Anand, Brijesh Chaurasiya (2021), A comparative study of Electromagnetic Braking System International Journal of Engineering Research & Technology, IJERT ISSN-2278-0181, Vol.10 Issue 02, pp.438-443,(Impact Factor-7.87)

### Other Details:

NPTEL Attended

- Awarded by "Elite Certificate of NPTEL-ARTE", completed the course in 4 weeks Faculty Development Programme on Product Design & Innovation, Jan-Feb, 2021.
- Awarded by "Elite NPTEL-ARTE", completed the course in 8 weeks Faculty Development Programme on Accreditation and outcome-based learning, Aug - Oct 2019.