



Centre/School/Special Centre: School of Studies of Engineering and Technology

Department: Mechanical Engineering

Phone: 9098116702

Email: 1. prashant.jangde@ggu.ac.in 2. jangde5@gmail.com

Personal Webpage Link

Prashant Kumar Jangde
Assistant Professor

Qualifications: B.Tech, M.Tech, Ph.D pursuing

Area of Interest/Specialization: Solar Thermal Energy Conversion, I.C.Engines, Heat Transfer

Experience: Teaching Experience = 11 years

Awards and Honors: Nil

Research Projects:

1. Title -Development of efficient solar evacuated tube air heater with jet impinging technique for low and medium temperature agriculture product drying application, **Funding Agency-** CSIR, Submitted on 31/01/2021, **Status-** Under Review, **Investigators-** Prof. T.V. Arjunan (PI) Mr. Prashant Kumar Jangde (Co-PI), **Amount-** 27 lacs.

International Collaboration/Consultancy: Nil

Best Peer Reviewed Publication:

1. "Efficient solar drying techniques: a review." Prashant Kumar Jangde, Anurag Singh, Thottipalayam Vellingri Arjunan, 2021, Environmental Science and Pollution Research, 2021/8/9, 1-14 <https://doi.org/10.1007/s11356-021-15792-4> (SCI)
2. "Design of Vortex Generator for Cooling of Electronic Chips using Inclined Channel" , Jaideep Shukla & Prashant Kumar Jangde,2020, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P): 2249–6890; ISSN(E): 2249–8001 Vol. 10, Special Issue, Aug 2020, 106–115 (Scopus)
3. "An Investigation of Stress and Deformation States of Rotating Functionally Graded Spherical Pressure Vessels" Amit Kumar Thawait^{1, *}, Lakshman Sondhi², Rupesh Kumar Verma³, Prashant Kumar Jangde¹, 2017, Journal of Experimental & Applied Mechanics ISSN: 2230-9845 (Online), ISSN: 2321-516X (Print) Volume 8, Issue 3

Recent Books/Book Chapters/Monographs etc.: Nil

Research Supervision: B.Tech = 28, M.Tech =01

Administrative Responsibilities: Warden (SVBH Boys hostel) since 2016

Additional Information:

1. International Conference (attended) = 02
2. Patent (granted) = 01
3. Orientation Program (attended) =01
4. Refresher Course (attended) = 02
5. Faculty Development Program (attended) =04
6. Workshop (attended) = 01
7. STTP (attended) = 03