

LALITHA P



Professional Experience

- **Teaching Experience:** Working as Assistant Professor in the Department of Mechanical Engineering, RGUKT-Basar, from July 07th 2014 to till date (9 years).
- **Academic Experience:** 9 years and 6 months

Academic Background

- ✓ **Post-Graduation:** M- Tech in Mechanical Engg – Mechanical System Design Stream, IIT Kharagpur
- ✓ **Graduation:** AMAeSI – Aeromechanical Stream, The Aeronautical Society of India, New Delhi
- ✓ **HSE & SSLC :** General Science, Kerala State Board of Education, Kerala

Publications/Conference Proceedings

- Lalitha P, “*The Influence Of Contact Pressure And Load On Metallic Wear On Both Smooth And Rough Surfaces*”, 68th International Congress of the Indian Society of Theoretical and Applied Mechanics(ISTAM-IIT Kharagpur), December 07-09, 2023, NIT Warangal, India.

Faculty Development Program/Short-Term Courses Attended

- Participated in a one-week faculty Development Programme on *3D Printing and Design*, organized by the Department of Mechanical Engineering, RGUKT Basar, from 13th Feb to 17th Feb 2023.
- Participated in the AICTE Recognized Faculty Development Programme on *CAD/CAM*, conducted by the Mechanical Engineering Department from 14/11/2022 to 18/11/2022 (One Week) at Rajiv Gandhi University of Knowledge Technologies Basar, Nirmal District, Telangana.
- Participated in the AICTE Recognized Faculty Development Programme on *FEA using ANSYS*, conducted by the Mechanical Engineering Department, NITTTR - Chandigarh from 26/09/2022 to 30/09/2022 (One Week) at Rajiv Gandhi University of Knowledge Technologies, Basar, Telangana.
- Participated in the AICTE Recognized Faculty Development Programme on *Smart Materials Processing and Applications*, conducted by the Applied Science Department, NITTTR - Chandigarh from 25/07/2022 to 29/07/2022 (One Week) at Rajiv Gandhi University of Knowledge Technologies, Basar, Telangana.
- “Computational Science in Engineering ” - Indian Institute of Technology, Kanpur , NPTEL- AICTE Faculty Development Programme, Feb – April 2021 (8week).
- “Kinematics of Mechanics and Machines ” - Indian Institute of Technology, Kharagpur , NPTEL- AICTE Faculty Development Programme, Feb – April 2020 (8week).

Conferences/ Workshops/ Seminars

- Participated in the National Workshop on Research & Development (R&D) organized by Parul University, Vadodara, Gujarat & Centre for Research & Training (CRT),

National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu from 21st Oct to 23 Oct 2021.

- Participated in a workshop for “ 3D modelling in Fusion 360” organized by Shaastra - 2021, Indian Institute of Technology, Madras, 26th Feb to 27th Feb, 2021.

Events Organized

- Organizing Committee Member for a one-week FDP on 3D Printing and Design organized by the Department of Mechanical Engineering RGUKT-Basar, from 13th Feb to 17th Feb 2023.

Administrative Positions/ Responsibilities

- Serving as the University Sports Committee Member since 2023-till date.
- Serving as the Department Timetable Coordinator since 2022-till date.
- Acting as the Chairman of the Department Library Committee from 2021 to till date.
- Serving as the Department Cultural Committee since 2021-till date.
- Department lab in-charge, Applied Thermodynamics lab, 2018 – till date.
- Department Website Maintenance Coordinator, 2020 – 2021.
- Girl’s Hostel Warden, RGUKT Basar, (2014 – 2017, 2019 –2020), 4 years.
- Acted as a Selection Committee Member for the selections of guest faculty in Mechanical Engineering Department, March 2021.