

Faculty Profile

Name: **Dr. M. L. Pavan Kishore**
Designation: Assistant Professor
Teaching Areas: Finite Element Methods, CAD/CAM, and Design of Machine elements
Research Interests: Computational Fluid dynamics, Composite materials, Optimization techniques.
Education: Ph.D in Mechanical Engineering, National Institute of Technology, Rourkela, 2017
M.E (CAD/CAM) in CBIT affiliated to Osmania University, Hyderabad, during 2007-2009.
B.Tech in Mechanical Engineering, Sri Venkateswara University campus, Tirupati, during 2002-2006.
Diploma in Mechanical Engineering Sri Venkateswara Government Polytechnic college, Tirupati, during 1998-2001.



Professional Experience:

1. 2016 -till date: Assistant Professor, FST, IFHE, Hyderabad.
2. July 2011 – Dec 2011: Assistant professor, Madanapalle Institute of technology & Science, Madanapalle.
3. 2010 -2011 : Assistant professor, Intellectual College of Engineering(Affiliated to JNTU – ANANTAPUR)
4. 2009 - 2010, Ad-hoc Lecturer Jawaharlal Nehru Technological University- Anantapur.

Research/Selected Publications:

1. **M.L.Pavan Kishore¹, D.V.Raghunatha Reddy², M.Sreenivasa Reddy³** “Material Effect on Stress Behaviouria Characteristics of Composite Rectangular Plate” IOP Conf. Series: Materials Science and Engineering 455 (2018) 012009.
2. **Pavan Kishore Mamaduri¹, Chandra Sekhar Akula², HimamSaheb Shaik³** “Numerical investigation for influence of pre twist on stress behavioral characteristics of curved blade” Vibro Engineering Procedia. March 2019, Volume 22.
3. **L. Pavan Kishore¹, A. Chandrashekar², M.Avinash³, Raunak Das⁴** “Stress analysis of rectangular and square plates with various cutouts” Vibro Engineering Procedia. March 2019, Volume 22.
4. **Pavan Kishore Mamaduri¹, Chandra Sekhar Akula², HimamSaheb Shaik³**“Comparative study for material effect on stress Behaviourial characteristics of rectangular plate” Vibro Engineering Procedia. November 2019, Volume 29.
5. **Vedanth Bhatnagar¹, Pavan Kishore Mamaduri², Sreenivasulu B³** “Comparative study for modal analysis of circular plates with various cutouts and end conditions” Vibro Engineering Procedia. November 2019, Volume 29.
6. **M.L. Pavan Kishore,T. Anirudh,VedanthBhatnagar** “Numerical Study Free Vibration Analysis of Thin Rectangular Plates” Jour of Adv Research in Dynamical & Control Systems, Vol. 12, 08-Special Issue, 2020.