

FACULTY PROFILE



Name: Dr.M.L.PAVAN KISHORE

Designation: Assistant Professor

Teaching Areas: Finite Element Methods, CAD/CAM, and Design of Machine elements

Area of research: 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:

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

Research/Selected Publications:

M.L. Pavan Kishore, Srijith S. Donthi, U. Sai Krishna “Numerical Investigation of a Marine Propeller Blade for Material Effect and Stress Behavioural Characteristics” *International Journal of Vehicle Structures & Systems*,10(1), 2018,18-23.

M.L.Pavan Kishore, R.K.Behera, “ Numerical Investigation for CFD Simulation of Open Water Characteristics and Cavitation Inception of Marine Propeller Blade” *Journal Of Maritime Research* Vol13 No1 (2017) 71-76.

M.L.Pavan Kishore, B.Sreenivasulu, B.C.Raghu Kumar Reddy “Base Modal Analysis of Rectangular Plate with Central Hole Subjected to Various End Conditions” *Materials Today Proceedings Elsevier publication* Vol 4 (2017) 1653 – 1661.

M.L.Pavan Kishore, R.K.Behera “Effect of Material Behavior on Dynamic Characteristics Determination of Marine Propeller Blade Using Finite Element Analysis” *Procedia engineering*”Elsevier publication 144 (2016) 767 – 774.

M.L.Pavan Kishore, R.K.Behera “Free Vibration Characteristics of Metallic Propeller Blade replaced with Composite material Using Finite Element Approach”. *Applied Mechanics and Materials* Vols. 592-594 (2014) pp. 2051-2055.