



**Mrs. Y. Sowjanya**

Assistant Professor

**Department**

Mechanical Engineering

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Vibration analysis of beams, Thermal analysis of composite materials

**Achievements:**

A review paper titled "Review on Thermo Mechanical Analysis of Nano Composites" IOSR Journal of Mechanical and Civil Engineering Vol.13, Issue 5, PP 95-100, Sep-Oct.2016

A paper titled "An Experimental and Finite Element Analysis on Single and Laminated Composite Beams" Springer and indexed in Science Citation Indexing (Under review)

**Academic Background**

M.Tech (Machine Design) –Jawaharlal Nehru Technological University

B.Tech (Mechanical Engineering) – GMR Institute of Technology

Mrs. Y. Sowjanya has rich experience in the field of Machine design. He has taken subjects related to Machine design and has been proficient in teaching subjects like Engineering Drawing, Engineering Mechanics, Mechanics of Solids, Metallurgy and Material Science, Design of Machine Members, Vibrations.

Expertize in various software's like ANSYS (Work bench, APDL), AutoCAD, PRO-E, CATIA (2D&3D), Solid Works

She has published 1paper in IOSR journals which are indexed in Science Citation Indexing.

**Research Interests:**