

Faculty Profile

Name: **Dr. Grandhi Suresh Kumar**

Designation: Assistant Professor

Teaching Areas: Manufacturing Processes, Thermodynamics, Non Conventional Energy Sources, Engineering Mechanics, Mechanics of Solids, Engineering Graphics, Workshop Practice.

Research Interests: Coal Gasification, CO₂ Capture, Sustainable Energy, Artificial Neural Networks, AI in Energy Systems.

Education: Ph.D. (Mechanical Engineering), JNTU, Hyderabad, 2019

M.E. (Production Engineering), Jadavpur University, 1991

B.Tech (Mechanical Engineering), Nagarjuna University, 1989



Professional Experience (Total: 29 years Inclusive of Teaching and Industrial)

1. 2010-2019: Assistant Professor, Faculty of Science & Technology, IFHE, Hyderabad.
2. 2002-2009: Assistant Professor, ICFAI Institute of Science & Technology, Hyderabad.
3. 2000-2002: Software Engineer, PB Systems India Private Limited, Vijayawada.
4. 1998-2000: Lecturer, VR Siddhartha Engineering College, Vijayawada.
5. 1996-1998: Planning Engineer, SPMs Division, Lokesh Machines Limited, Hyderabad
6. 1992-1996: Production Engineer, Mikrotek Dies Private Limited, Bangalore
7. 1991-1992: Senior Research Fellow, Production EnggDept, Jadavpur University, Kolkata

Research / Selected Publications:

Patents: 2

1. Design for Solar Panel Cleaning System Using SPA Concept, Patent Journal 3, 05/06/2020
2. Design and Fabrication of Android Based Hydraulic Jack, Patent Journal 1, 03/01/2020

Journal Publications: 5

Conference Publications: 6

H-index: 3

Citations: 11