



Dr. K.V. Subba Reddy Inst. of Technology

AUTONOMOUS

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA, Anantapuramu.)

Accredited with NAAC A+ & NBA | Recognized under Section 2 (f) and 12B of UGC Act, 1956

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ISO 9001 : 2015 & 50001 : 2018 & ISO 14001 : 2015 Certified Institution

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Department of Mechanical Engineering

FACULTY PROFILE

Faculty Name: C. CHANDRA SEKHAR

Faculty Photo:



Faculty Biography:

C. Chandra Sekhar has completed **MTech in AVIT, Pondicherry**, **B. Tech in Mechanical Engineering** from G. Pulla Reddy Engineering College **SKD, Anantapur**.

Currently, he is serving as an Assistant Professor in the Department of Mechanical Engineering at Dr. K. V. Subba Reddy Institute of Technology (Autonomous), Kurnool, Andhra Pradesh. He possesses a rich blend of academic, industrial, and technical expertise with more than 7 years of teaching experience..

His areas of interest include **Auto-cad, Computer-Aided Design (CAD), Product Development, Additive manufacturing, Manufacturing Technology, and Automotive Engineering**. He is committed to imparting outcome-based education and fostering industry-oriented skills among engineering students through innovative teaching practices, practical training, and project-based learning.

EDUCATIONAL QUALIFICATIONS

Course	Institution	University	Year	Percentage
M.Tech (ME)	AVIT, pondicherry	VINAYAKA MISSIONS UNIVERSITY	2015-2017	6.8%
B.Tech (ME)	G. Pulla Reddy college of engineering	GPREC, SKD	2005-2009	62.85%
S.S.C	Good Shepherd English School	Board of Secondary Education	2003	61%

TEACHING EXPERIENCE

Currently, he is serving as an **Assistant Professor in the Department of Mechanical Engineering** at **Dr. K. V. Subba Reddy Institute of Technology (Autonomous), Kurnool, Andhra Pradesh.**

Institution	Affiliated University	Work Duration	Total Experience
Sreenivasa College of Engineering and Technology	JNTUA, Anantapur	June 2010 to March 2015	5 Years
Dr. K. V. Subba Reddy Institute of Technology (Autonomous)	JNTUA, Anantapur	August 2024 – Till Date	2 Years

Subjects Taught:

1. Engineering graphics
2. Engineering Mechanics
3. Mechanics of solids
4. Thermodynamics
5. Strength of material
6. Manufacturing Technology
7. Machine tools
8. Production technology -I
9. Production technology -II
10. Machine Drawing

TECHNICAL SKILLS

- Hyper mesh
- Catia
- Auto Cad
- Google Forms

STRENGTHS

- Strong communication skills.
- Good written skills.
- Ability to mould the students in less time.
- Dedication to hard work.
- Active participant in seminars.

ACHIEVEMENTS

- ✓ System Participated in ENTREPRENEURSHIP AWARENESS CAMP (EAC) by APITCO On 9TH March 2013 & 2014
- ✓ Participated as a **Coordinator** in an “Autocad” Workshop.

RESPONSIBILITIES HANDLED

- **Department Academic Coordinator** – Planned and monitored academic activities, timetables, and curriculum implementation.
- **Class In-Charge / Mentor** – Guided students in academic progress, counseling, attendance monitoring, and career development.
- **Laboratory In-Charge** – Maintained laboratory equipment, prepared lab schedules, ensured safety practices, and maintained records.
- **Project Coordinator** – Guided undergraduate projects, monitored project progress, and organized project reviews.
- **Examination Coordinator** – Conducted internal examinations, prepared examination schedules, and maintained assessment records.
- **Workshop and Seminar Coordinator** – Organized technical seminars, workshops, guest lectures, and industrial interaction programs.
- **Industrial Visit Coordinator** – Arranged industrial tours and coordinated industry–institute interactions.

LIST OF PUBLICATIONS

1. **Experimental Investigation on Performance and Emission Characteristics of Biodiesel Fueled Diesel Engine**
Published in **International Journal of Thermal Sciences and Engineering Applications (IJTSEA)**, Volume 10, Issue 2, 2020.
2. **Design and Fabrication of Solar Powered Smart Irrigation System Using IoT Technology**
Published in **International Journal for Research in Applied Science and Engineering Technology (IJRASET)**, Volume 8, Issue 6, 2020.
3. **Finite Element Analysis and Optimization of Composite Material Based Axial Flow Fan Blades**
Published in **International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)**, Volume 9, Issue 4, 2020.

4. **Design and Development of Multi-Purpose Solar Powered Agricultural Sprayer**
Published in **International Journal of Research and Development Organization (IJRDO)**, Volume 5, Issue 3, 2019.
5. **Optimization of CNC Turning Process Parameters for Aluminum Alloy 7075 Using Taguchi Technique**
Published in **International Journal of Trend in Research and Development (IJTRD)**, Volume 6, Issue 2, 2019.
6. **Mechanical Characterization and Micromechanical Analysis of Fiber Reinforced Polymer Composite Materials**
Published in **International Journal of Scientific Research in Mechanical and Materials Engineering (IJSRMME)**, Volume 3, Issue 1, 2019.

HOBBIES

Reading Business Journals .

DECLARATION

I hereby declared that the above-mentioned information is true to the best of my knowledge.

Place: Kurnool

Date:

(C.CHANDRA SEKHAR)