Department of Mechanical Engineering

FACULTY PROFILE

Faculty Name:K. SAGRA KUMAR

Faculty Photo:

Faculty Biography:

K. Sagar kumar has completed **MTech** in **NIT, Calicut, Kerala**. **B. Tech** in **Mechanical Engineering** from G. Pulla Reddy Engineering College **SKU,** 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 13 years of teaching experience..

His areas of interest include **Machine Design, Computer-Aided Design (CAD), Product Development, 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)	NIT Calicut, Kerala	NIT Calicut, Kerala	2006-2008	**7.8%**
B.Tech (ME)	St,Johon College **JNTUA**	GPREC, SKD	2001-2004	60.85%
Diploma	Govt college, Anatapur	Board of Technical Education	1997-2000	**60.58%**
S.S.C	ZPP High school	Board of Secondary Education	1994	**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
Dr. K. V. Subba Reddy Institute of Technology (Autonomous)	JNTUA, Anantapur	5nd may 2015– Till Date	**11Years**

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

- ✓ Awareded for final year project model at JNTU, Anantapuram for the titled **"Fabrication of Solar Powered Smart Cultivation"**
- ✓ System Participated in ENTREPRENEURSHIP AWARENESS CAMP (EAC) by APITCO On 9TH March 2013
- ✓ Participated Technical exhibition & science fair organized by GPREC on 18th Feb 2010 on the occasion of the silver jubilee celebrations
- ✓ Participated as a ***Coordinator*** in an "Automobile" Workshop.

RESPONSIBILITIES HANDLED

- ✓ Acts as an Organizer in ME Department for various Events & functions**.**
- ✓ Presently, Department placement co-ordenator
- ✓ Member for Transportation cummitte

LIST OF PUBLICATIONS

1. SOOT FORMATION IN TURBULENT NON-PREMIXED FLAMES WITH OPEN

[1] K. Sagar Kumar, [2] G.Mallikarjuna, [3] M.Nagakiran[1],[2],[3] Dr.K.V.Subba Reddy Institute of Technology, Affiliated to JNTUA, Kurnool,AP, India, Sagark542@gmail.com, gollamallikarjuna4@gmail.com , nagakiran113@gmail.com

2,Fabrication of Solar Powered Smart Cultivation System,

International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 321-9653; IC Value: 45.98; SJ Impact Factor: 7.177 Volume 7 Issue VI, June 2019

3.Finite Element Analysis Of Axial Flow Fan

Accepted And Published In International Journal Of Innovative Research In Science, Engineering And Technology (IJIRSET),ISSN(Online): 2319-8753,ISSN(Print) : 2347-6710,Volume 4, Issue 8 ,August 2015 ,Page No7633-7647.

4.Agricultural Solar Sprayer With Multi Application

Published In International Journal Of Research And Development Organization (IJRDO), Vol. 2 ,Issue 4 , April 2016, Page No 1 – 8.

5. Experimental investigation On Optimization Of Turning Process Parameters For Aluminum Alloy 7075 Using Taguchi Method"

Ijtrd, International Peer Reviewed, Open Access Journal Issn: 2394-9333. At G Pullaiah College Of Engineering And Technology,

6. Micro mechanical Analysis Of A FRP Composite

Accepted And Published In International Journal Of Scientific Research In Mechanical And Materials Engineering (IJSRMME), Volume 1, Issue 1, October 2016, Page No 28 – 34

HOBBIES

Watching & Playing Cricket, Reading Automobile books…

DECLARATION

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

Place: Kurnool

Date:

(K. SAGAR KUMAR)