



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

🌐 : www.drkvsrit.ac.in | ✉ : drkvsr.principal@gmail.com

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

Cell : 9704 333 789 / 790, 944 000 6717



Department of Mechanical Engineering

FACULTY PROFILE

Faculty Name: H. Vinod Kumar

Faculty Photo:



Faculty Biography:

H. Vinod Kumar has completed **MTech in Mechanical Engineering specialized in Machine Design** from Sreenivasa College of Engineering & Technology, JNTUA, Anantapur. **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 6 years of teaching experience, 4 years of industrial experience at Ashok Leyland, and 3 years of professional experience in Design Software applications.** His industrial exposure has provided him with practical insights into manufacturing processes, production systems, quality practices, and automotive engineering, which significantly enrich his teaching methodology.

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.

His dynamic and illustrative approach towards the subjects helps the students to enrich their skills in their academics which can help them to achieve success in job career.

He always believes in real time approach to solve various problems and expect the same with his students which can help them to understand their subject in an easy and efficient manner.

Mr. Vinod Kumar actively contributes to academic development, student mentoring, and departmental activities, striving to bridge the gap between theoretical knowledge and industrial applications.

EDUCATIONAL QUALIFICATIONS

Course	Institution	University	Year	Percentage
M.Tech (ME)	Sreenivasa College of Engineering & Technology	JNTU Anantapur	2013-2015	76.50%
B.Tech (ME)	G. Pulla Reddy Engineering College	SKU Anantapur	2009-2013	64.92%
Intermediate	Masters Junior College	Board of Intermediate Education	2007-2009	72.26%
S.S.C	Ravindra English Medium	Board of Secondary Education	2006-2007	82.15%

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	2 nd oct 2020– Till Date	6 Years

SUBJECTS TAUGHT

1. Engineering Drawing
2. Basic Mechanical Engineering
3. Production Technology
4. Industrial Management
5. Automobile Engineering
6. Industrial Engineering and Estimation costing
7. Building Technology (NPTEL)
8. Renewable Energy source
9. Industrial safety
10. Sensors and Actuators of Engineering Applications
11. Design Thinking

TECHNICAL SKILLS

- Hyper mesh
- Catia
- Auto Cad
- Nastran & Patron
- 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

- ✓ Selected for Design Tech company during 4th year of B.Tech.
- ✓ 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.
- ✓ Got awarded as best project (Fabrication of 4 Stroke Engine)
- ✓ Participated as a *Coordinator* in an “Automobile” Workshop.

RESPONSIBILITIES HANDLED

- ✓ Acts as an Organizer in ME Department for various Events & functions.
- ✓ Presently, a Member in EDC Cell
- ✓ Presently, a Member in Innovation and Incubation
- ✓ Presently, Department placement Officer

LIST OF PUBLICATIONS

A. INTERNATIONAL JOURNALS (Scopus & SCI Indexed)

1. H.Vinod Kumar, T.R.Sydanna, M.NagaKiran, M.Jayaramudu” Design and Analysis of 2 Wheeler Connecting”, International Journal of Research,(IJR), e-ISSN: 2348-6848, p-ISSN: 2348-795X, Volume 04 Issue-17, December 2017, UGC Approved Journal Sr.No:44396, Page No:2171-2175.
2. H. Vinod Kumar¹ , M. Nagakiran² , T. Thimmappa³ , “Modeling and Weight Optimization of Engine Mounting Bracket “International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) , ISSN (Online) 2581-9429 , Impact Factor: 6.252, Volume 2, Issue 1, September 2022

WORKSHOPS

A. ORGANIZED

- A Two-day workshop for all students titled “**Design Thinking**”.
- A One-day workshop for all B. Tech ME students titled “**Electric Vehicles**”.

SEMINARS

A. PRESENTED

- A Seminar for all Engineering students on title “**Helpful Tips to Score Good Marks in JNTUA External Exams**”.
- A Seminar for all first year B. Tech students on title “**Basic Mechanical Engineering**”.

B. ATTENDED

- A Seminar on title “**Faculty Development Programme**”.
- A One-day workshop on **Drone Technology**

PROJECTS GUIDED

Course	UG	PG
No. of Students	5	1

HOBBIES

Watching & Playing Cricket, Reading Automobile books...

PERSONAL INFORMATION

Name : H. Vinod Kumar

Father's Name : H. Siva Rao (Late)

Mother's Name : H. Kamala Bai

Date of Birth : 01/06/1992

Gender : Male

Nationality : Indian

Languages Known : English, Marati, Hindi and Telugu.

DECLARATION

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

Place: Kurnool

Date:

(H. Vinod kumar)