

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



AUTONOMOUS

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

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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: Neeruri Francis

Faculty Photo:



Faculty Biography:

Neeruri Francis has completed M.Tech in Mechanical Engineering with specialization in Machine Design from VNR College, Ponnur, affiliated to JNTU Kakinada. He completed his B.Tech in Mechanical Engineering from QIS College of Engineering & Technology (QISCET), Ongole, affiliated to JNTU Kakinada.

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 combination of academic and industrial experience with over 5 years of teaching experience and nearly 2 years of professional experience in the IT industry at Cognizant Technology Solutions India Pvt. Ltd. His exposure to both engineering education and industrial practices enables him to deliver practical and application-oriented learning experiences to students.

His areas of interest include Machine Design, Machine tools, Manufacturing Technology, Design Optimization, CAD/CAM, and Product Development and Engineering Drawing. He is dedicated to fostering technical competency, innovation, and industry readiness among engineering students through outcome-based education and project-oriented learning methodologies.

He actively participates in academic development activities and continuously strives to bridge the gap between theoretical concepts and industrial applications through effective teaching practices and student mentoring.

EDUCATIONAL QUALIFICATIONS

Course	Institution	University	Year	Percentage
M.Tech (Machine Design)	VNR College, Ponnur	JNTU Kakinada	2017	72%
B.Tech (Mechanical Engineering)	QISCET, Ongole	JNTU Kakinada	2013	71%
Diploma (Mechanical Engineering)	E.S.C. Government Polytechnic, Nandyal	SBTET	2010	66%
SSC	Z.P. High School	SSC Board	2007	78%

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	1 st August 2025– Till Date	1 year
St. Johns College of Engineering & Technology, Yerrakota, Kurnool	JNTUA, Anantapur	Feb 2017 – May 2022	5.5 Years
Cognizant Technology Solutions India Pvt. Ltd. Associate – Projects	Industrial Experience	Jun 2022 – Mar 2024	2 Years

Total Academic Experience: 6+ Years

Total Industrial Experience: 2 Years

SUBJECTS TAUGHT

1. Engineering Drawing.
2. Basic Mechanical Engineering.
3. Production Technology.
4. Machine Design.
5. Automobile Engineering.
6. Strength of Materials.
7. Mechanical Measurements and Metrology.
8. Renewable Energy source.
9. Manufacturing Technology.

- 10. Machine Tools.
- 11. Automation Robotics.

TECHNICAL SKILLS

- Microsoft Office
- Auto Cad
- PGDCA
- Engineering Design
- Project Management

STRENGTHS

- Strong communication skills.
- Effective Teaching Methodology
- Analytical Thinking
- Dedication to hard work.
- Active participant in seminars.
- Teamwork and Leadership
- Accountability and Professional Ethics
- Student Mentoring

RESPONSIBILITIES HANDLED

- ✓ AConducted theory and laboratory classes for undergraduate engineering students.
- ✓ Developed and implemented curriculum as per university guidelines.
- ✓ Organized seminars, technical events, and student activities.
- ✓ Guided students in academic projects and technical presentations.
- ✓ Maintained effective classroom management and student engagement.
- ✓ Assisted in departmental academic and administrative activities.
- ✓ Evaluated student performance and provided constructive feedback.

LIST OF PUBLICATIONS

- ✓ Design and Analysis of Circular and Square Robot Arm, AIJREAS, Volume-I, Issue-11, ISSN: 2455-6300.
- ✓ Design and Analysis of Wheel Disc Using FEM, IJCEM, ISSN: 2348-9510.
- ✓ Design Modification and Analysis for Suspension Frame Using Finite Element Analysis, IRJMETS, e-ISSN: 2582-5208.
- ✓ Design and Analysis of Rocket Nozzle, IRJMETS, e-ISSN: 2582-5208.
- ✓ Modeling and Analysis of a Two Wheeler Suspension Frame Using Composite Material Carbon Epoxy, IRJMETS, e-ISSN: 2582-5208.
- ✓ Experimental Investigation of Turning Process at Different Parameters Using Taguchi Optimization, IRJMETS, e-ISSN: 2582-5208.

- ✓ Design and Finite Element Analysis of a Transonic Fan Blade, IRJMETS, e-ISSN: 2582-5208.

PROJECTS

- ✓ **M.Tech Project:** Design and Analysis of Circular and Square Robot Arm
- ✓ **B.Tech Project:** Design and Analysis of Wheel Disc Using FEM

ACHIEVEMENTS

- ✓ Published multiple research papers in reputed international journals.
- ✓ Successfully guided engineering students in technical projects and seminars.
- ✓ Contributed to curriculum implementation and academic development activities.
- ✓ Possesses multidisciplinary exposure through academic and industrial experience.

PROJECTS GUIDED

Course	UG	PG
No. of Students	5	1

HOBBIES

Reading Technical Books
Learning New Technologies
Watching Engineering and Technology Videos
Participating in Technical Discussions

PERSONAL INFORMATION

Name : Neeruri Francis
Father's Name : N. Narasimhulu
Date of Birth : 10-06-1991
Marital Status : Married
Nationality : Indian
Languages Known: English, Telugu.

DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

Place: Kurnool
Date:

(Neeruri Francis)