



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade & NBA (CSE, IT, ECE, EEE and ME Under Tier - I)

An ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada

L.B. REDDY NAGAR, MYLAVARAM, NTR DIST., A.P.-521 230.

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FACULTY PROFILE



Name : Dr. A. NAGESWARA RAO
Designation : Sr Assistant Professor
Department : Mechanical Engineering
Areas of Research : Road Safety, Human Factors, Ergonomics and Robotics.
Email ID : nagesh803@lbrce.ac.in
Phone Number : +91 8985621662

Academic Qualifications:

- **Ph. D. in Production and Industrial Engineering**
 - NIT-Tiruchirappalli, Tiruchirappalli in 2024
- **M.Tech in CAD/CAM**
 - Jawaharlal Nehru Technological University Kakinada, Kakinada in 2013.
- **B.Tech in Mechanical Engineering**
 - Acharya Nagarjuna University, Guntur in 2011.

Professional Experience: 08+ Years

Designation	From	To	Organization
Sr Assistant Professor	June, 2021	Till Date	Lakireddy Bali Reddy College of Engineering (A), Mylavaram
Assistant Professor	June, 2014	May, 2021	Lakireddy Bali Reddy College of Engineering (A), Mylavaram

Subjects Handled:

COURSES HANDLED: Robotics and Automation, Robotics, Robot Engineering, CAD/CAM, Computer Integrated Manufacturing (CIM), Management Science for Engineers, Industrial Economics and Management, Total Quality Management (TQM), CAD/CAM Lab and Robotics and simulation Lab.

Software Skills: AutoCAD, CATIA, SOLIDWORKS, 3D Experience, UniGraphis, ANSYS, MasterCAM, SPSS, MiniTAB, ROBOANALYZER.

Research Profile:

➤ Publications

Journals	Conferences	Books / Chapters	Patents (Granted / Published)	Projects / Grants Received
09	06	01	02	---

➤ Publications Verification Links

S. No.	Profile	Link
1.	Google Scholar	https://scholar.google.com/citations?user=RsQ213IAAAAJ&hl=en&authuser=1
2.	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57218369241
3.	Vidwan	https://vidwan.inflibnet.ac.in//profile/203838
4.	ORCID	https://orcid.org/0000-0002-0471-6415
5.	Research Gate	https://www.researchgate.net/profile/Nageswara-Rao-2
6.	Publons	https://www.webofscience.com/wos/author/record/HTO-3184-2023

➤ Supervision / Guidance:

Category	Number of Students / Scholars		
	Status	Total Count	University
Ph. D.	Awarded	---	---
	Pursuing	---	----
M.Tech	01		

Professional Activities:

B.Tech	22
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Category	Details	
No. of FDPs, Workshops, Webinars, etc. Organized (Coordinator, Convener, etc.)	14	
No. of FDPs, Workshops, Webinars, etc. Attended	35+	
Certifications Completed	NPTEL	12
	Online Certifications	07
	Global Certifications	05
Professional Body Memberships	Name	Membership ID
	<i>Institution of Engineers (India) [IEI]</i>	AM1628375
	International Association of Engineers (IAENG)	162305
Program Committee / Reviewer	Reviewer – Transportation Research Part F (SCIE)	

Achievements and Awards:

- Best Paper Award GTMTS 2023
- Best Teacher award for A.Y 2020-21 from LBRCE
- Best paper presentation award conducted by Research Colloquium 2019 at NIT Tiruchirappalli.

TALKs Delivered:

1. A talk on **Road Safety: A Driver Behaviour Perspective** at VNR Vignana Institute of Engineering and Technology-Hyderabad, FDP on “One Week Online International Faculty Development Programme on Road Safety- Need of the Hour” from 29th July to 02nd August 2024.
2. A Three day workshop on AutoCAD/Simulation at NRI Institute of Technology-Guntur from 24-05-2022 to 26-05-2022.

Administrative Roles:

- Department Training and Placement Coordinator
- In-charge for CAD/CAM laboratory in LBRCE.
- Coordinator for Faculty and Student Development Programs.
- Coordinator for “World Space Week-2019” Organized by ISRO and LBRCE on 9th and 10th October 2019.
- Central Committee Discipline Member in LBRCE.

PRODUCTS DEVELOPED:

- Driver drowsiness detection system
- Vehicle safety with RFID detector
- Smart Pesticide Agriculture Robot
- 3D Printed Motor Cycle Helmet for Children.
- Pedal Operated Healthy Washing Machine.
- Seed Sowing Agriculture Robot.
- Parallel Robot for Machining Application

Sd/-

(Dr. A. NAGESWARA RAO)