

T. NAGARAJU

Department: Mechanical Engineering
College: Gudlavalleru Engineering College
Phone No: -----
Mobile: 9866117962
E-Mail: nagaraju.megec@gmail.com

GENERAL INFORMATION

Date of Birth	25-03-1982
Present position	Assistant Professor Department of Mechanical Engineering Gudlavalleru Engineering College Seshadri Rao Knowledge Village Gudlavalleru- 521356, Krishna District Andhra Pradesh, India.
Residential Address	House No: 1-127 Daliparru-521131, Ghantasala Mandal, Krishna District. A.P

EDUCATIONAL QUALIFICATIONS

- Ph.D Manufacturing Engineering (Pursuing)
- M.Tech Specialization: Machine design
- B.Tech Branch: Mechanical Engineering

AREAS OF INTEREST

- Friction Stir Welding
- Stir casting
- Rotor Dynamics
- Condition Monitoring
- Plasma arc Welding

ACADEMIC REWARDS / ACHIEVEMENTS:

- Ratified as Assistant Professor in Department of Mechanical Engineering, GEC, Gudlavalleru by JNTUK in the year 2015

CERTIFICATIONS:

- Auto Cad 2000 to 2010
- Microstation-J
- Pro-E 2001
- ANSYS
- Small World PNI 4.0
- Arc Map, Arc Info.

PROFESSIONAL EXPERIENCE

S.No	Experience (From To)	Span	Designation	Organization with address
1	Aug 2005-Oct 2008	03 years	GIS Engineer	INFOTECH ENTERPRISES LIMITED Hyderabad, India.
2	Nov 2008-Nov 2010	02 Years	Associate- Geospatial Service	AVINEON INDIA PVT LTD Hyderabad, India.
3	Dec2010-Jun 2011	06Months	Assistant Professor	Gudlavalleru Engineering College Seshadri Rao Knowledge Village Gudlavalleru. A.P, India.
4	Feb2014- Sep 2014	07Months	Assistant Professor & HOD- ME	Gandhiji Institute of science and Technology, Jaggayapeta, India.
5	From Sep 2014	04 Years	Assistant Professor	Gudlavalleru Engineering College Seshadri Rao Knowledge Village Gudlavalleru. A.P, India.

SUBJECTS TAUGHT :

- ✓Design of machine members-1(Principles of Machine design), Design of machine members-2(Design of Mechanical Components), Strength of Materials, Engineering Drawing, Machine Drawing, Engineering Mechanics, Engineering Metallurgy.

LABS HANDLE:

- ✓Metallurgy lab, Strength of materials lab, Engineering Workshop, Metrology lab
- ✓Simulation Lab, Computer aided Modeling labs

ADDITIONAL DUTIES

- ✓Coordinator for the College website Maintains, Department Mechanical Engineering, Gudlavalleru Engineering College, From Jan 2015 to till now.
- ✓Faculty Advisor for Mechanical Engineering Association, Gudlavalleru Engineering College, From July 2016 to till now.
- ✓Faculty Advisor for student Chapter of Institute of Engineers(India) Department of Mechanical Engineering, Gudlavalleru Engineering College, from November 2014 to till now.
- ✓Faculty Advisor for ISTE student Chapter, Department of Mechanical Engineering, Gudlavalleru Engineering College from November 2014 to August 2015.

GUIDED/ GUIDANCE PROJECTS:

B.Tech Projects	Guided: 12 Under Guidance: 2
M.Tech Projects	Guided: 4 Under Guidance: Nil

GUEST LECTURES DELIVERED:

- Delivered guest lecture on “Robots & its application” in Little Angles school, Jaggayapeta on 5th April 2013.

RESERCH PUBLICATIONS/ CONFERENCES : 09

- Paper Published **“Analysis on Mechanical Properties of Mould Vibrated Aluminium [Al 6063] Alloy Casting”**, in *International Journal of Engineering Technology Science and Research (IJETSR)*, Volume 5, Issue 3, March 2018, ISSN 2394 – 3386.
- Paper Published on **Design & Fabrication of 4-Stroke S.I Engine Connecting Rod of A Two Wheeler using A356 Alloy/Aluminum Oxide (Al₂O₃)** in *International Journal for Innovative Research in Science & Technology*, Volume 4, Issue 5, October 2017, ISSN (online): 2349-6010.
- Paper Published on **“Effect of Mould Vibration on Mechanical and Metallurgical Properties of Aluminum 6063 alloy Casting”** in *International Journal for Innovative Research in Science & Technology (IJIRST)* Volume 4, Issue 2, July 2017 ISSN (online): 2349-6010.
- Presented a paper entitled **“Effect of Mould Vibrations on Mechanical and Metallurgical properties of Aluminum 356 Casting”** at the *first international and Eighteenth National ISME Conference on Mechanical Engineering: Enabling Sustainable Development*, held during February-23-25, 2017 at National Institute of Technology Warangal, India
- Paper published on **“Vibrational Analysis in Condition Monitoring and faults Diagnosis of Rotating Shaft - Over View”** in *International Journal of Advanced Engineering Research and Science (IJAERS)*, ISSN: 2349-6495(P) 2456-1908(O), Vol-4, Issue-1, Jan- 2017
- Paper published on **“An investigation of Effect of Mould Vibrations on Mechanical and Metallurgical properties of Aluminum 356 Casting”** in *Invention Journal of Research Technology in Engineering & Management* ISSN: 2455-3689 Volume 10, Issue 10. Dec 2016.
- Paper published on **“An Investigation on Weld Quality Characteristics of Plasma Arc Welded Mild Steel Plates”** in *International Journal of Mechanical Engineering and Robotic Research* ISSN 2278-0149 Volume 4, No. 2, April, 2015
- Paper published on **“Rotor Dynamic Analysis of Steam Turbine Rotor Using Ansys”** in *International Journal of Mechanical Engineering and Robotic Research* ISSN 2278-0149 vol.3, January 2014.

WORKSHOPEs ATTENDED / FACULTY DEVELOPMENT PROGRAM ATTENDED:

- ✓ Attended one day workshop on “Characterization of metal matrix composites” Sponsored by **The institute of Engineers (India)** organized by Department of Mechanical Engineering, Gudlavalleru Engineering College, Gudlavalleru on 11th August 2018
- ✓ Attended two day workshop on Attended one day workshop on “**Smart Manufacturing**” organized by **Indian institute of information Technology, Design and Manufacturing**, Kancheepuram, Chennai, India on 3rd December 2016.
- ✓ Attended one week Faculty Development Program on **Matlab Applications in Mechanical Engineering** organized by Department of Mechanical Engineering GEC Gudlavalleru, during 7th -11th September 2015.
- ✓ Attended one week workshop on “**TRAINING PROGRAM ON ANSYS**” organized by the Department of Mechanical and Civil Engineering, GEC Gudlavalleru during, 22nd -27th June 2015.

LIST OF WORKSHOPS / PROGRAMMES ORGANIZED

- Coordinator for one day workshop on “Characterization of metal matrix composites” organized by Department of Mechanical Engineering, Gudlavalleru Engineering College, Gudlavalleru on 11th August 2018.
- Coordinator for Technical Activities organized by the Department of Mechanical Engineering, Gudlavalleru Engineering College on the eve of Engineers’ Day celebration 2018.
- Coordinator for the GEMSMEET’17 organized by the Department of Mechanical Engineering, Gudlavalleru Engineering College on the eve of GECFEST 2K17.
- Coordinator for Technical Activities organized by the Department of Mechanical Engineering, Gudlavalleru Engineering College on the eve of Engineers’ Day celebration 2016.
- Coordinator for Model Contest & Poster Contest on the eve of GECFEST 2016, GEMSMEET’16 organized by Mechanical Department, Gudlavalleru Engineering College on 12th February 2016.
- Convener for Three day hands on training programme on “Computational Fluid Dynamics” during 4th to 6th February 2016 in Department of Mechanical Engineering, Gudlavalleru Engineering College.
- Coordinator for Technical Activities organized by the Department of Mechanical Engineering, Gudlavalleru Engineering College on the eve of Engineers’ Day celebration 2015.

MEMBERSHIP IN PROFESSIONAL BODIES:

- Member in IE(I) MIE.
- Member in SAEINDIA(7190410544)