




ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTU Kakinada)

Accredited by NAAC & An ISO 9001:2015 Certified Institution

ITI Road, ALC Campus, VIJAYAWADA - 520 008 :: Website : www.aliet.ac.in :: Ph : 0866 - 2476161

FACULTY PROFILE

<p>Name of the Faculty</p>	<p>Dr. Gangeya Srinivasu Goteti</p>	
<p>Designation</p>	<p>Assistant Professor</p>	
<p>Department</p>	<p>Mechanical Engineering</p>	<p>Date of Birth 25/08/1980</p>
<p>Date of Joining the Institution</p>	<p>08-01-2015</p>	<p>Native place Chirala-AP</p>
<p>Academic Qualification with Class/Grade</p>	<ul style="list-style-type: none"> ➤ Completed PhD (External Part Time) from Vellore Institute of Technology, Chennai in August 2023. ➤ Completed M.Tech (Thermal Engineering) in 2012 from Lakireddy Balireddy College of Engineering (Autonomous), Mylavaram with 81.8% (First class with Distinction). ➤ Completed B.E. Mechanical Engineering in 2005 from Maharashtra College of Engineering, Nilanga affiliated to S.R.T. Marathwada University, Nanded with 68.19% (First class with Distinction). ➤ Completed Diploma in Automobile Engineering in 1999 from V.K.R & V.N.B Polytechnic College, Guduwada with 68.95% (First class). ➤ Completed Intermediate Vocational (Automobile Engineering Technician Course) in 1997 from A.K.P. Jr College, Chirala with 70.5% (First class). ➤ Completed S.S.C in 1995 from N.R&P.M high school, Chirala with 73.2% (First class). 	

Professional Experience	<p>Having 15 years of experience as an Assistant Professor in Mechanical Engineering Department of following colleges</p> <ul style="list-style-type: none"> ➤ Andhra Loyola Institute of Engineering & Technology, Vijayawada. Duration: January-2015 to till date. ➤ St Ann's College of Engineering & Technology, Chirala. Duration: June-2012 to December-2014. ➤ Sri Chundi Ranganayakulu Engineering College, Chilakaluripet. Duration: June-2009 to December-2010. ➤ Princeton College of Engineering & Technology, Ghatkesar. Duration: June-2007 to April-2009. 	
Employee ID	ALIET-15-02	
E-mail / Mobile	ggsvas@gmail.com , 9849490282.	
Total Experience in Years	Teaching: 15 years	
Papers Published in Journals -	9	
Faculty Development Programmes attended:	16	
Papers presented in Conferences/ attended	National: 3	International: 1
PhD Guide? Give field & University	Field: --- IC Engines Supervisor Dr. P. Tamilselvan Co-supervisor Dr. T. Venugopal Vellore Institute of Technology, Chennai.	
PhDs / Projects Guided	PhDs: 00	Projects at UG Level: - 13
Books Published/IPRs/Patents -	NIL	
Professional Memberships -	NIL	
Editorial Board Membership -	NIL	
Subjects handled	<ul style="list-style-type: none"> • Thermodynamics • Thermal Engineering 1 • Thermal Engineering 2 • Refrigeration and Air Conditioning • Automobile Engineering • Instrumentation and Control Systems • Power Plant Engineering • Renewable Energy Sources • Green Technology 	

Other Responsibilities	<ul style="list-style-type: none"> • Worked as departmental coordinator from June 2015 to December 2018. • Worked as exam cell in-charge from January 2015 to December 2015. • Working as IQAC coordinator from January 2018 to till date. • Working as departmental Green Energy cell in charge from January 2018 to till date.
Whether Ratified by University (Yes/No)	YES
Faculty Development Programmes attended	
<ul style="list-style-type: none"> ➤ Attended for one week faculty development programme in Lakireddy Balireddy College of Engineering, Mylavaram., on the topic “Teaching Methodology for Classical Thermodynamics” from 23-11- 2015 to 28-11- 2015. ➤ Attended for A Five day FDP on “Advances in Materials & Composites” from 6th to 10th November, 2017 at Andhra Loyola Institute of Engineering & Technology, Vijayawada. ➤ Attended for A Three day FDP on “Application of NDT in Various Industries” from 23rd to 25th February 2017 at Andhra Loyola Institute of Engineering & Technology, Vijayawada. ➤ Attended for A One day “NBA Orientation Programme” on 06th June, 2016 at Andhra Loyola Institute of Engineering & Technology, Vijayawada. ➤ Attended for A Five day FDP on “Operation and Maintenance Aspects of Thermal Power Plants” from 12th to 16th November, 2018 at Andhra Loyola Institute of Engineering & Technology, Vijayawada in association with Synergem Energy Training Center, Vijayawada. ➤ Attended for A Five-day FDP on “Computational Fluid Dynamics using Ansys, Matlab & C Programming” from 6th to 10 th June, 2018 organized by Department of Mechanical Engineering, Andhra Loyola Institute of Engineering & Technology, Vijayawada. ➤ Attended for Three day faculty development programme in V.R.Sidhartha Engineering College, Vijayawada. On the topic “Modern Pedogogical Techniques and Creative Problem Solving” from 15-04- 2019 to 17-04- 2019. ➤ Attended for AICTE sponsored Two weeks faculty development programme in RVR&JC Engineering College Guntur., on the topic “Emerging Technologies and Challenges in Mechanical Engineering” from 21-10- 2019 to 2-11-2019. ➤ Attended for A Five day FDP on “SIEMENS NX CAM MILLING” from 11th to 15th November, 2019 organized by Department of Mechanical Engineering, Andhra Loyola Institute of Engineering & Technology, Vijayawada in Association with APSSDC, SIEMENS & DesignTech. ➤ Attended for A Five day FDP on “Artificial Intelligence” from 22nd to 26th May 2020 organized by Department of Mechanical Engineering, BVRIT Hyderabad. ➤ Attended for A Five day FDP on “Advances in composite materials and manufacturing processes” from 22nd to 26th June 2020 organized by Department of Mechanical Engineering, St Ann’s Engineering College, Chirala. ➤ Attended for one week online FDP on “Emerging Trends in Thermal Engineering” from 27th to 31st December 2021 organized by Department of Mechanical Engineering, PVPSIT, Vijayawada. 	

- Attended for Five Day Online Faculty Development Program on “**Additive Manufacturing: Present & Future Trends**” Organized by the Department of Automobile Engineering From 01st November 2021 to 06th November 2021, VNR & VJiet, Hyderabad.
- Attended for one week online FDP on “**Advances in thermal and renewable energy technologies**” from 4th to 9th July 2022 organized by Department of Mechanical Engineering, LBRCE, Mylavaram.
- Attended for one week online FDP on “**FEA USING ANSYS**” from 26th to 30th September 2022 organized by NITTTR, Chandigarh.
- Attended for one week online FDP on “**Advancements in Mechanical Engineering**” from 19th to 24th June 2023 organized by Department of Mechanical Engineering, LBRCE, Mylavaram.

List of Publications in Journals

- Paper published in APST journal cited in SCOPUS titled “**Premixed charge combustion in a diesel engine fuelled with biodiesel, n-butanol, and ignition improver blends**” APST, Vol 28, Issue 6, 2022, pp 1-11.
- Paper published in IJRER journal cited in SCOPUS, EBSCO, and WEB of SCIENCE (Thomson Reuters) titled “**Experimental Analysis of VCR Engine Operated with Prosopis Juliflora Biodiesel Blends**” IJRER, Vol 10, Issue 2, 2020, pp. 978-987.
- Paper published in IJAME journal cited in SCOPUS titled “**Performance, Emission and Combustion Characteristics of VCR CRDI Diesel Engine Fuelled with n-Butanol Blends**” IJAME, Vol 16, Issue 3, 2019, pp. 6825-6843.
- Paper published in IJRER journal cited in SCOPUS, EBSCO, and WEB of SCIENCE (Thomson Reuters) titled “**HCCI Combustion in a Diesel Engine using Oxygenated Fuels and various Operating Parameters – A Review**” IJRER, Vol 7, Issue 3, 2017, pp. 1166-1173.
- Paper published in ‘Research and Applications of Thermal Engineering’ journal titled “**Thermal Analysis on Ethylene Glycol Water Flowing through a Pipe using Nano-particles**” RATE, Vol 6, Issue 1, 2023, pp. 26-31.
- Paper published in ‘International Journal of Research in Engineering and Science’ journal titled “**Investigation on AL5052-Cu Alloy and Preparation through Stir Casting Process**” IJRES, Vol 11, Issue 4, April 2023, pp. 536-540.
- Paper published in IJCRR journal titled “**Performance and Emission Characteristics of Diesel Engine Fueled with Sesame Oil Methyl Ester Blends**” IJCRR, Vol 4, Issue19, 2012, pp.202-208
- Paper published in IJCRR journal titled “**Investigations on diesel Engine Fuelled with Sesame Oil Methyl Ester Blend using Ignition Improver**” IJCRR, Vol 4 Issue22,2012, pp.185-190.
- Paper published in IJETED journal titled “**Experimental Investigations on Diesel Engine Fueled with Tyre Pyrolysis Oil and Diesel Blends**” IJETED, Issue 2, Vol 7, 2012, pp 98-105.

National Seminars

- G.G.Srinivas, Tamil Selvan.P “**Experimental Investigations on CI Engine Fuelled with Sesame Oil Methyl Ester Blend using Diethyl Ether**” CSIR Sponsored National Conference on Smart Energy Systems for Sustainable Development (NCSES 2017), VIT Chennai.
- G.G.Srinivas, N. NagaVarun “**Calculation of Exergy destruction of various components by performing Exergy analysis on Stage-I of Vijayawada Thermal Power Station (V.T.P.S)**” CSIR Sponsored National Conference on Smart Energy Systems for Sustainable Development (NCSES 2017), VIT Chennai.
- G.G.Srinivas “**Investigations on Diesel Engine Fueled with Tyre Pyrolysis Oil and Diesel Blends using Ignition Improver**” National Conference on Emerging Trends in Mechanical Engineering, ETIME 2013, St Ann’s College of Engineering & Technology, Chirala.

International Seminars

- G.G.Srinivas “**Design and Performance Analysis of Solar Powered Air Cooler with Self Directing Dual Axis Tracking Mechanism**” International conference on Electrical, Electronics, Engineering trends, Communication, Optimization and Sciences(EEECOS 2016), SASI institute of Technology and Engineering, Tadepalligudem.