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

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FACULTY PROFILE

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Name of the Faculty:	**M SRINIVASAREDDY**		
Designation	**Assistant professor**		
Department	**Mechanical Engineering**		**Date of Birth** 06/07/1988
Date of Joining the Institution	**09-09-2013**		**Native place** Guntur Andhraprades h
Academic Qualification with Class/Grade	• **UG: B.Tech – MECHANICAL ENGINEERING. – JNTUK . First Class.** **PG: M.TECH – SRM University. First Class**		
Employee ID	**ALIET-13-27**		
E-mail / Mobile	**Srinivas060788@gmai.com** **Srinivas060788@aloet.ac.in 8801455454**		
Total Experience in Years	**Teaching: 10 years**	**Industry: 2years**	**Research: 00**
Papers Published in Journals -	**UGC – 06**	**Articles in Books: 0**	
Faculty Development Programmes attended:	**18**	**Guest Lectures Delivered: 0**	
Papers presented in Conferences/ attended	**National: 1**	**International: 1**	
Projects Guided	**PhDs: 00** **M.tech-00**	**Projects at UG Level: -18**	
Subjects handled for B. Tech Students: CSE, ECE, Mech, Civil	• **Engineering mechanics** • **Engineering Drawing** • **Mechanics of solids**		

2013 to present	• **Fluid mechanics and hydraulic machines** • **CAD/CAM** • **Non-destructive evaluation** • **Production technology** • **Auto machine in manufacturing** • **Metrology** • **Mechatronics** • **Metal cutting and machine tools** • **Alternative source of energy** • **Electrical mechanical engineering** • **CAEDP** • **Machine drawing** • **Simulation lab** • **Production technology lab** • **Mechatronics lab** • **FM&HM lab** • **ICS & M lab** • **M&MOS lab** • **Engineering workshop**
Whether Ratified by University (Yes/No)	**YES**

Faculty Development Programmes attended

1. A Three day FDP on **"CURRENT TRENDS IN AEROSPACE"** from 4th to 6th February 2019 at Acharya Nagarjuna University Guntur.
2. A Five day FDP on **"Product Development on 3D Experience"** from 23rd to 27th October, 2018 at Swarnandhra College of Engineering and Technology , Narsapuram.
3. 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.
4. 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.
5. A Five day FDP on **"Computational Fluid Dynamics using Ansys, Matlab & C Programming"** from 6th to 10th June, 2018 organized by Department of Mechanical Engineering, Andhra Loyola Institute of Engineering & Technology, Vijayawada.
6. A Five day FDP on **"Advances in Materials & Composites"** from 6th to 10th November, 2017 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.
7. 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.
8. A One day **"NBA Orientation Programme"** on 06th June, 2016 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.

9. A Three day FDP Programme on **"ANSYS (Structural, Thermal and CFD)"** from 25th to 27th February, 2016 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.
10. A Five day FDP on **"Artificial Intelligence, Machine Learning and Black chain Technology in production and supply chain Management"** from 25th to 30th April, 2019 at NIT Warangal.
11. A Five day FDP on **"NX Basic Design and Basic simulation"** from 15th to 20th MAY, 2017 at VVIT Guntur.
12. A Five day FDP on **"CATIA V5"** from 10th to 15th April, 2017 at N.B.K.R Institute of Science and Technology, Guduru.
13. A Six day Online FDP on **"Advanced machining techniques"** from 22nd to 27th june, 2020 at SATYABAMA INSTITUTE OF SCIENCEAND TECHNOLOGY, Chennai.
14. A Four day FDP on **"Automotive Structure Design using CATIA"** from 30th April to 2nd MAY, 2020 , conducted by APSSDC.
15. A Two Weeks Online FDP on **"Autocad"** from 18th to 30th MAY, 2020 , conducted by APSSDC
16. A Three day Online FDP on **"Fluid and Structural Simulationusin CRADLE "** from 8th to 10th june, LBRC, Mylavaram
17. A Five day Online FDP on **"Black Chain Technology"** from 13th to 17th July, 2020, conducted by APSSDC in association with IDS.
18. A Five day Online FDP on "Inculcating Universal Human Values in Technical Education" organized by AICTE from 6th June to 10th June 2022

LIST OF PUBLICATIONS (JOURNAL/CONFERENCE/BOOK):

1. **M. Srinivasareddy,** "Production An analysis of femur region and comparison with DXA standards", Research Journal of Pharmaceutical, Biological and Chemical Sciences 6(5):769-774 · January 2015

2. **M. Srinivasareddy**, "Static & Dynamic Analysis of B-Series Propeller Blade", Journal of Technological Advances and Scientific Research; Volume 2, Issue 1, Jan-Mar 2016; Page: 72-78.

3. **M. Srinivasareddy** " Calculation of Exergy Destruction of VariousComponents by Performing Exergy Analysis on Stage-I of Dr. Narla Tatarao Thermal Power Station (N.T.T.P.S)" International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019

4. **M. Srinivasareddy** "EXPERIMENTAL AND CFD INVESTIGATION ON VORTEX TUBE REFRIGERATOR" JETIR ISSN: 2349-5162 Volume-6 Issue-5 may 2019

5. M. Srinivasareddy "Design and performance analysis of a solar powered air cooler with self directing duel axis tracking mechanism"

6. **M. Srinivasareddy** " FINITE ELEMENT ANALYSIS OF FEMUR REGION AND COMPARISION WITH DXA AS STANDARD" Proceedings of the National conference on Advances in Mechanical Engineering and Renewable Energy-2013