




**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](http://www.aliet.ac.in) :: Ph : 0866 - 2476161

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### FACULTY PROFILE

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<b>Name of the Faculty</b>	<b>Mr. E DURGESH</b>		
Designation	<b>Assistant Professor</b>		
Department	<b>Mechanical Engineering</b>		
Date of Joining the Institution	<b>10-06-2015</b>		
Qualification with Class/Grade	<b>UG: B.Tech. Sri Saradhi Institute of Engg &amp; Tech.2008.</b>		
	<b>PG: M.Tech.from Velagapudi Ramakrishna Siddhartha Engineering College, 2010.</b>		
Employee ID	<b>ALIET-15-38</b>		
E-Mail/modile	<a href="mailto:durgesh.errapothu@gmail.com">durgesh.errapothu@gmail.com</a> <a href="mailto:durgesh.errapothu@aliet.ac.in">durgesh.errapothu@aliet.ac.in</a> <a href="tel:9848132575">9848132575</a>		
Total Experience in Years	<b>Teaching: 10</b>	<b>Industry:</b>	<b>Research:00</b>
Papers Published	<b>National: 03</b>	<b>International: 00</b>	
Papers presented in Conferences	<b>National:</b>	<b>International: 00</b>	
PhD Guide? Give field & University	<b>Field: ---</b>	<b>University: ----</b>	
PhDs / Projects Guided	<b>PhDs: 00</b>	<b>Projects at Masters Level: 00</b>	
		<b>Projects at UG Level: 12</b>	
Books Published/IPRs/Patents	---		
Professional Memberships	<b>-International Association of Engineers.(IAENG).</b>		
Consultancy Activities	---		
Awards	---		

Grants fetched	---
Whether Ratified by University (Yes/No)	--Yes

Any Other Achievements :

<p><b>Departmental Responsibilities (Academic Year)</b></p>	<ul style="list-style-type: none"> <li>● Mentoring,NBA Criterion-2,NAAC-1 Incharge,Exam cell incharge for the department,Distribution of marks memos,Class Teacher for final year. 2022-23</li> <li>● Mentoring,NBA Criterion-2,NAAC-1 Incharge,Exam cell incharge for the department,Distribution of marks memos,Placement cell Incharge for the department. 2021-22</li> <li>● Mentoring,NBA Criterion-2,NAAC-1 Incharge,Exam cell incharge for the department,Distribution of marks memos,Placement cell Incharge for the dept 2020-21</li> <li>● Mentoring,NBA Criterion-2,NAAC-1 Incharge,Exam cell incharge for the department,Distribution of marks memos 2019-20.</li> <li>● Mentoring, CNC lab incharge 2018-2019</li> <li>● Mentoring, CNC lab incharge , Guest Lectures &amp; Workshops 2017-2018</li> <li>● Mentoring,Time table incharge, Guest Lectures,Workshops&amp; Industry Visits Coordinator 2016-2017</li> <li>● Mentoring, Guest Lectures &amp; Industry Visits Coordinator 2015-2016</li> <li>● Working As NAAC Criterion-1 Departmental In Charge from 2017 to Till Date.</li> </ul>
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<p><b>Subjects Taught</b></p>	<ul style="list-style-type: none"> <li>● Introduction to Hydraulics and pneumatics</li> <li>● Introduction to Automobile Engineering</li> <li>● Instrumentation And Control Systems</li> <li>● Alternate sources of Energy</li> <li>● Production technology</li> <li>● Engineering Mechanics</li> <li>● Fluid mechanics</li> <li>● Automobile Engineering</li> <li>● Machine Drawing</li> <li>● AIM</li> <li>● Mechanics of solids</li> <li>● Metal cutting and machine tools</li> </ul>
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<p><b>Laboratories Handled</b></p>	<ul style="list-style-type: none"> <li>● Drafting And Modeling (CATIA)</li> <li>● Mechatronics</li> <li>● Computer Aided Engineering(ANSYS,CNC)</li> <li>● Metrology And Instrumentation</li> <li>● Fluid Mechanics And Hydraulic Machines</li> <li>● Engineering Workshop</li> <li>● Metallurgy and mechanics of solids</li> <li>● Production Technology</li> <li>● Computer Aided Engineering drawing practice</li> </ul>
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<p><b>LIST OF PUBLICATIONS (JOURNAL/CONFERENCE/BOOK):</b></p>	<p>2015 Month : November Volume : 1 Issue : 4 Page : 318-321</p> <p><b>EVALUATION OF MECHANICAL PROPERTIES OF SLUDGE REIN FORCED COMPOSITES</b> Durgesh Errapothu1, V. Mohan Manoj2, N. Vijay Kumar3, K. N. D. Malleswara Rao4</p> <p><b>MODELLING AND MANUFACTURING OF SCOTCH YOKE MECHANISM BY USING CNC MACHINING</b> E. Durgesh, R. Venkata Naresh, K. Pavan, I. Dileep Kumar, P.G.S. Vamsidhar Varma, CH. Rahul Recent Trends in Production Engineering Volume 6 Issue 1</p> <p><b>ANALYSIS ON STEAM TURBINE BLADE</b> E.Durgesh [1], B.Durga Bala Sai Charan [2], Y.Mohana Sesha Venkata Bharadwaj [3], Sk.Sai Suraj[4],K.Dushyanth Sri Naga Sai [5], P.Eswar Pavan [6] 2023 JETIR April 2023, Volume 10, Issue 4</p>
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<p><b>LIST OF SEMINARS/WORKSHOP S/FDPS ATTENDED:</b></p>	<p>5-Day Faculty Development Programme on “Research and Writing” 26-30 June 2022 organized by ALIET.</p> <p>5-Day Faculty Development Programme on “Enhancing Research Eco-system in the Campus” from 22nd to 26th August 2022 organized by ALIET.</p> <p>One Week Faculty Development Program on FEA using ANSYS from 26/9/2022 to 30/9/2022 organized by ALIET.</p>
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5 day Faculty Development Program on Progressive Trends In Mechanical Engineering 28/3/2022 to 1/4/2022

2 week Faculty Development Program on AWS And Machine Learning from 4/10/2021 to 13/10/2021, NIT Warangal.

One Week Recent Faculty Development Program on Advances In Materials And Challenges In Manufacturing Techniques from 7/2/2022 to 19/2/2022, jntu kakinada

Online quiz on **engineering mechanics** from 24/5/2020 to 28/5/2020 conducted by malineni permallu educational society's , Guntur.

Webinar on **research thrust areas in composites** on 20/5/2020 conducted by ARASU Engineering college Chennai, tamilnadu.

One day **orientation program on enhancing teaching quality through proAct digital methodology** on 16/7/2020 organized by internal quality assurance cell Andhra Loyola Institute of Engineering & Technology, Vijayawada.

A three day FDP on **Advance material characterization techniques** from 28/5/2020 to 30/5/2020, conducted by lendi institute of engineering and technology, vizianagaram.

Webinar on **Engineering drawing practice for technocrats** on 16/5/2020 conducted by geethanjali institute of science & technology, Nellore.

Online quiz on **Basics of mechanical engineering** on 27/5/2020 to 31/5/2020 conducted by ramachandra college of engineering, Eluru.

One week FDP on **Modelling and optimization techniques for materials and manufacturing processes** from 18/5/2020 to 22/5/2020 conducted by LBRCE, mylavaram.

Online quiz on **engineering mechanics** from 19/5/2020 to 23/5/2020 conducted by malineni permallu educational society's , Guntur.

Webinar on **Applications of codes and standards in mechanical engineering** on 21/5/2020 conducted by AVC college of engineering, mayiladuthurai.

A two day workshop on **“ENGINEERING EXPLORATION PROJECT”** from 10<sup>th</sup> to 11<sup>th</sup> October, 2019 at JNTU-K, Kakinada , Andhra Pradesh, India.

A Five day FDP on **“SIEMENS NX CAM MILLING”** from 11<sup>th</sup> to 15<sup>th</sup> November, 2019 organized by Department of Mechanical Engineering, Andhra Loyola Institute of Engineering & Technology, Vijayawada in Association with APSSDC, SIEMENS & DesignTech.

A Five day FDP on **“Operation and Maintenance Aspects of Thermal Power Plants”** from 12<sup>th</sup> to 16<sup>th</sup> November, 2018 at Andhra Loyola Institute of Engineering & Technology, Vijayawada in association with Synergem Energy Training Center, Vijayawada.

A Five day FDP on **“Computational Fluid Dynamics using Ansys, Matlab & C Programming”** from 6<sup>th</sup> to 10<sup>th</sup> June, 2018 organized by Department of Mechanical Engineering, Andhra Loyola Institute of Engineering & Technology, Vijayawada.

A Five day FDP on **“Advances in Materials & Composites”** from 6<sup>th</sup> to 10<sup>th</sup> November, 2017 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.

A Three day workshop on **“Application of NDT in Various Industries”** from 23<sup>rd</sup> to 25<sup>th</sup> February 2017 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.

A One day **“NBA Orientation Programme”** on 06<sup>th</sup> June, 2016 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.

