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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<table>
<tr><td>Name of the Faculty</td><td colspan="2">Mr. CH. RANGA RAO</td><td rowspan="2">  </td></tr>
<tr><td>Designation</td><td colspan="2">Associate Professor</td></tr>
<tr><td>Department</td><td colspan="2">Mechanical Engineering</td><td>Date of Birth
30/08/1982</td></tr>
<tr><td>Date of Joining the Institution</td><td colspan="2">12-07-2021</td><td>Native place
Vijayawada, NTR District, AP, India</td></tr>
<tr><td>Academic Qualification</td><td colspan="3">• M. Tech, from Velagapudi Ramakrishna Siddhartha Engineering College, 2010,
• B. Tech, from PVP Siddhartha Engineering College, 2006
• Diploma, V.K.R.&V.N.B. Polytechnic, Gudivada, 2002.</td></tr>
<tr><td>Employee ID</td><td colspan="3">ALIET-21-19</td></tr>
<tr><td>E-mail / Mobile</td><td colspan="3">rangarao.sree@gmail.com
9030791806/9490965248</td></tr>
<tr><td>Total Experience in Years</td><td>Teaching: 15 years</td><td colspan="2">Industry:2 years</td></tr>
<tr><td>Papers Published in Journals -</td><td>UGC – 5</td><td colspan="2">Conference papers: 3</td></tr>
<tr><td>Projects Guided</td><td colspan="3">B. Tech: -16</td></tr>
<tr><td>Other Responsibilities</td><td colspan="3">• NAAC coordinator
• NBA Department 3rd criterion in-charge</td></tr>
<tr><td>Whether Ratified by University (Yes/No)</td><td colspan="3">YES</td></tr>
</table>

List of Publications in Conferences:

1. "Grid power energy system for IoT applications" AIP Conference Proceedings, vol. 1992, pages:040021, (2018); https://doi.org/10.1063/1.5047986.

2. "Statistical analysis of mechanical properties of vakka fiber reinforced polypropylene composites using Taguchi method". Presented at 5th international conference on materials processing and characterization in icmpc-2016 and published in precidia material science in elsevier publication.

3. "mechanical properties of corn fiber reinforced polypropylene composites using taguchi method". presented at 4th international conference on materials processing and characterization in icmpc-2015 and published in precidia material science in elsevier publication.

Papers Published in Journals:

4. "mechanical properties of vakka fiber reinforced polypropylene composites". ISSN: 2319 – 8753 published in international journal of innovative research in science, engineering and technology (ijirset) vol. 3, special issue, march, 2014.

5. "Ceramic materials: A review" ISSN: 2277 – 6362 published in international journal of luminescence and applications vol.32, special issue –III, march 2013.

6. "Nano Technology in Engineering and Medicine: A review" ISSN: 2277 – 6362 published in international journal of luminescence and applications vol.32, special issue –III, march 2013.

7. "Fabrication of 360° Rotating Trolley", published in Research and Development in Machine Design, Volume 6, Issue 1, HBRP Publication Page 11-16 2023, DOI: https://doi.org/10.5281/zenodo.7825406.

8. "Fabrication of Motorized Rotary Welding Table", Recent Trends in Automation and Automobile Engineering, Volume 6, Issue 1, HBRP Publication Page 14-19 2023, DOI: https://doi.org/10.5281/zenodo.7817665.