




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

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| Name of the Faculty: | Mr. K TEJA SWARUP |  |
| Designation | Assistant Professor | |
| Department | Mechanical Engineering | Date of Birth 27/08/1990 |
| Date of Joining the Institution | 05-01-2015 | Native place Vijayawada Andhra Pradesh, India |
| Academic Qualification with Class/Grade | <ul style="list-style-type: none"> • Pursuing Ph.D. from Andhra University, Visakhapatnam. • M.Tech in Industrial Metallurgy 1st Class, Andhra University, Nov 2014. • B.Tech in Mechanical Engineering 1st Class from PVPSIT, Apr 2012. | |
| Employee ID | ALIET-15-01 | |
| E-mail / Mobile | swarupteja160@aliet.ac.in 9908097899, 9121851618. | |
| Total Experience in Years | Teaching: 7 years, 5 months | Research: 1 year as an Intern (DMRL, DRDO). |
| Papers presented in Conferences/ attended | National: 0 | International: 01 / Workshop: |
| PhDs / Projects Guided | PhDs: 00 | Projects at Masters Level: 00 |
| | | Projects at UG Level: 09 |
| Conferences/ Seminars / Workshops / FDP / Guest Lectures Organised @ ALIET | <ul style="list-style-type: none"> • Organised A Five Day Fdp On "Operation And Maintenance Aspects Of Thermal Power Plants" From 12th To 16th Nov, 2018. • A Five Day Fdp On "Computational Fluid Dynamics Using Ansys, Matlab & C Programming" From 6th To 10th June, 2018. • A Five Day Fdp On "Advances In Materials & Composites" From 6th To 10th Nov, 2017. | |

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| | <ul style="list-style-type: none"> • Organised Many Guest Lectures In The Department From 2015-2016 To 2018-2019. • Organised Hands On Practice Workshops For Students In Domains Of Non Destructive Evaluation, Entrepreneurship Awareness & 3d Printing. |
| Other Responsibilities | <ul style="list-style-type: none"> • Mentoring, NSS Dept Coordinator & NBA Criteria 8 Dept Incharge 2020-2021. • Mentoring, NSS Dept Coordinator & NBA Criteria 2 Dept Incharge 2019-2020. • Mentoring, Time Table In-Charge , Guest Lectures & Workshops Coordinator 2018-2019 • Mentoring, Time Table In-Charge , Guest Lectures & Workshops 2017-2018. • Working As NAAC Criterion-7 Departmental In Charge from 2017 to Till Date. • Mentoring, Guest Lectures, Workshops & Industry Visits Coordinator 2016-2017 • Mentoring, Guest Lectures & Industry Visits Coordinator 2015-2016. • Guest Lectures Coordinator & Marks Memos In Charge 2014-2015. |
| Subjects Taught | <ul style="list-style-type: none"> • Instrumentation And Control Systems • Alternate sources of Energy • Production technology • Power plant engineering • Metallurgy & Material Science • Non Destructive Evaluation • Refrigeration & air Conditioning • Thermal Engineering-2 • Automobile Engineering • Machine Drawing • Green Engineering Systems • Advanced Materials • Engineering Drawing |
| Laboratories Handled | <ul style="list-style-type: none"> • Metrology And Instrumentation • Fluid Mechanics And Hydraulic Machines • Engineering Workshop • Thermal engineering • Metallurgy and mechanics of solids • Production Technology • Computer Aided Engineering drawing practice • Computational fluid dynamics |
| Whether Ratified by University (Yes/No) | YES |
| Faculty Development Programmes attended Till Now | |
| 1. Two Week Online Faculty Development Programme On Recent Advances In Materials And Challenges In Manufacturing Techniques From 07-02-2022 To 19-02-2022. 2. One Week Faculty Development Programme on Emerging Trends in Thermal Engineering from 27.12.2021 to 31.12.2021. | |

3. One Week FDP on “Emerging Trends in Thermal and Renewable Energy Systems” from 28-06-2021 to 02-07-2021.
4. A Three Day Faculty Development Program on “MECHANICAL BEHAVIOR OF BIO & COMPOSITE MATERIALS” from 11th to 13th June, 2020.
5. A Three day FDP on “Advanced Material Characterization Techniques” from 28th to 30th May, 2020
6. One Week Faculty Development Program on “Advanced NDT Techniques & Applications in Industry” from 25th to 29th May, 2020
7. A 5-Day-National Level Online Faculty Development Program on ARTIFICIAL INTELLIGENCE from 22nd May to 26th May 2020.
8. A Three Day Fdp On Automotive Structures Design Using Catia 30th april to 2nd May, 2020.
9. A Five Day Advanced Ndt Techniques & Applications In Industry
10. A Three Day Advanced Material Characterization Techniques-a Research Perspective
11. 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.
12. A One Week Fdp On “**Advances In Computational Fluid Dynamics: Methods And Applications Using Ansys-fluent And Matlab**” At Nit Warangal From 6th-11th May, 2019.
13. 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.
14. 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.
15. A Five Day Fdp On “**Computational Fluid Dynamics**” From 29th April To 3rd May, 2018 At Vvit, Nambur.
16. A Five day FDP on “**Advances in Materials & Composites**” from 6th to 10th November, 2017 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.
17. A ONE WEEK FDP on “**Advances in mechanical engineering**” from 23th to 27th Oct 2017 at VVIT, NAMBUR.
18. 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.

List of Publications in Journals/Conferences

- 1) Elevated Temperature Erosion Behaviour Of Thermal Sprayed Cr₂C₃-25(Ni₂₀Cr). ASIAN THERMAL SPRAY CONFERENCE, NOV 2014.

K Teja Swarup¹, S.Gokul Lakshmi² and M.Manish Roy².

1 Andhra University, Visakhapatnam. 2 Defence Metallurgical Research Laboratory, Hyderabad.

