

Prasad V. Potluri
SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA
NBA & NAAC Accredited, ISO: 9001-2015 Certified Institution, AICTE Approved &
Permanent Affiliation to JNTUK, Kakinada
(Sponsored by Siddhartha Academy of General & Technical Education, Vijayawada)
DEPARTMENT OF FRESHMAN ENGINEERING
MONTHLY REPORT June, 2025

FACULTY ACTIVITIES

a) Publications in refereed Journals:

SCI Indexed:

Scopus Indexed :

1. Lakshmi Tulasi. S Sumalatha. P Shaheda Niloufer Usha Rani. N Pavani. P published a Research article entitled Harnessing Ficus exasperata Leaf Extract for Sustainable Magnesium Oxide Nanoparticles with Antimicrobial Activity in International Journal of Advancement in Life Sciences Research ISSN:2581-4877 Vol 8, Issue 2, Page No:177-185, May 2025.
2. P.T. S. R. K. Prasad Rao, K. Ramanjaneyulu, N. Usha Rani published a Research article entitled Biofabrication of Ruthenium Oxide Nanoparticles Using Leaf Extracts of Causonis trifolia (L.) and Evaluation of their Biocompatibility, Antioxidant, and Anti-Skin Cancer Potentials in 0.ISSN:2581-4877 Vol 8, Issue 2, Page No:13-26, May 2025. DOI: <https://doi.org/10.31632/ijalsr.2025.v08i02.002>
3. Dr.M.Prameela published a Research article entitled "Evaluation of Homogeneous-Heterogeneous chemical response on Maxwell-fluid flow through spiraling disks with nonlinear thermal radiation using numerical and regularized machine learning methods " in International journal of "Modelling and Simulation" indexed in scopus.

Scopus - Conference Proceedings: Nil

Conference Proceedings:

b) Patents: Nil

c) Projects: Nil

d) Books: Nil

Others:

Vardireddy Sujatha, Wuriti Sridhar, Ganugapati Raghavendra Ganesh and Talla Hymavathi published a paper titled, "Influence of activation energy and Stefan blowing on magneto cross Williamson fluid over an exponential stretching sheet", Thermal Science 2025. (Yet to be

e) **Participation in FDP/ Training/ Workshops/ Conferences/ Seminars/ Webinar Etc.**

Paper presented in conferences

Others

1. Dr. Sk Rehena has presented a paper titled Technology - Enhanced Learning Tools for Improving English Proficiency among Indians" in a Two-Day International Conference on AI in E Conference on AI in ELT: Bridging Pedagogy and Performance in the Digital Age organized on 27th and 28th June, 2025 organized by ANITS in collaboration with ELTAI.

2. Dr.P.Lakshmi lavanya has presented a paper titled "Empowering ELT with ICT: Bridging Gender Gaps through Digital Innovation" in a Two-Day International Conference on AI in E Conference on AI in ELT: Bridging Pedagogy and Performance in the Digital Age organized on 27th and 28th June, 2025 organized by ANITS in collaboration with ELTAI.

Faculty Development Program

Dr.G.Sreedevi participated in 5-days online FDP event conducted during 24th - 28th June 2025 by Department of Physics (DST-FIST & DST-PURSE sponsored) on Multidisciplinary Innovations in Advanced Sustainable Materials and Technologies in association with the KL-Academic Staff College and Materials Research Society of India (MRSI), Koneru Lakshamaiah Education Foundation (KLEF), Green Fields, Vaddeswaram, Guntur, Andhra Pradesh, India - 522302, NIRF:35

Training programs attended:

Dr.Sk.Rehena, Assistant Professor, PVP Siddhartha Institute of Technology, Viyayawada, Andhra Pradesh, (JNTU Kakinada) has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC-MMTTC, Maulana Azad National Urdu University, Hyderabad from 21st to 30th May, 2025.

Resource Persons:

1. Dr. Rabia Ismail, Professor,
Dept of Education & Training, Maulana Azad National Urdu University
Hyderabad.
2. Dr. Meraj Ahmed Mubarki, Professor & Deputy Director, UGC.

Workshops Attended:

Others

1. Dr. N. Usha Rani and Dr. P. Pavani have participated in the workshop titled 'A FIVE-DAY Online International Workshop on ROLE OF ARTIFICIAL INTELLIGENCE APPLICATIONS TO EMERGING TECHNOLOGIES' held from 10th – 14th June 2025 organized by Department of Electrical and Electronics Engineering, Prasad V. Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada.

Resource Persons:

1. Sushma Maganti, CEO & Managing Partner, InFuture Technologies, LLC, USA (AIML division of Maganti IT Resources, LLC, USA)
2. Vikas Kumar Gupta, Managing Director, EMEA Life Sciences Technology Lead Accenture INSEAD Wiesbaden, Hesse, Germany
3. Mr. Karunakar Kancheti, Head of Engineering (Rail Electrification), Siemens Mobility Pte Ltd, Singapore

Papers presented in conferences /seminars : Nil

Webinars Attended: Nil

Guest lectures attended: Nil

f) Organized FDP/ Career Development/ Training/ Workshops/ Conferences/ Seminars/ Webinar etc.

Seminars Organized: Nil

Guest Lectures organized : Nil

Workshop Organized: Nil

h) Certification programs (NPTEL / Coursera / edX etc.):


1. Dr.S.Lakshmi Tulasi completed "Global Warming I: The Science and Modeling of Climate Change" an online 12 week certification course authorized by University of Chicago and offered through Coursera.(Grade:88.83%) .
2. Dr.N.Usha Rani completed "Global Warming I: The Science and Modeling of Climate Change" an online 12 week certification course authorized by University of Chicago and offered through Coursera.(Grade:93.10%)

Student Activities:

Outside the Institution:

Other information:

- 1.Dr. Sk Rehena acted as a chairperson in a Two-Day International Conference on AI in E Conference on AI in ELT: Bridging Pedagogy and Performance in the Digital Age organized on 27th and 28th June, 2025 organized by ANITS in collaboration with ELTAI.


Dr. M. Srilakshmi

(HOD - FED)

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