

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 DECEMBER, 2024

FACULTY ACTIVITIES

a) Publications in refereed Journals:
SCI Indexed:

1. Krishna Murthy Potla, Yahya I Asiri, Nannapaneni Usha Rani, Francisco A. P. Oso'rio et.al published a paper entitled Investigation of the linear and nonlinear optical properties in the crystalline phase of a pyrimidine derivative—a potential nonlinear optical material: analysis of its structure, reactivity, and docking studies in RSC Advances, Nov 2024, Vol. 2024, no. 14, pp. 37709-37724, ISSN: 2046-2069, Impact factor: 3.9, DOI: 10.1039/d4ra05681

Scopus Indexed :

1. R. Deepa, Sk. Rehena, A. Neeraja Padma, M. K. Padmalatha, Enas Kamal Zayed, Meera Karthikeyan Nair Sathikumari, Afsha Jamal, Naheed Saba published a paper entitled ICT-Based Teaching Aids to Enhance English Language Proficiency of Indian Engineering Students in Theory and Practice in Language Studies, 2024, 14(12), pp. 3699–3711
2. Yanduru Purna Chandra Shekhar Anil Kumar, Uppuluri Venkata Kalyani, Vyakaranam Seethamahalakshmi, Talagadadeevi Srinivasa Rao, Venkata Ramana Reddy Gurrampati, Lavanya Sharma published a paper entitled Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, ISSN: 2289-7879, Volume 124, Issue 2, (2024), 208-219

Scopus - Conference Proceedings: Nil

Conference Proceedings: Nil

b) Patents : Nil

c) Projects: Nil

d) Books/ Book chapters: Nil

Others: Nil

e) Participation in FDP/ Training/ Workshops/ Conferences/ Seminars/ Webinar etc:

Papers presented in conferences /seminars

1. Dr. T. Preethi Rangamani has participated and presented paper on Exploring models for efficient nickel removal with functionalized carbon nanotubes in CSIR-HRDG & RSC Sponsored International Conference on *Next-Generation Sustainable Materials for Water and Energy Solutions* (SuWatE'24), by at VIT-AP held from December 19 to 21, 2024.
Resource Person:
Prof Kazunari Domen
University of Tokyo, & Sinshu University, Nagano, Japan
2. Dr A. Purnachandra Rao presented a paper titled, "Class as dominant Ideology in Aravind Adiga's 'The White Tiger' in the AESI Conference held at Gujarat University, Ahmedabad from 9th to 11th December, 2024.
3. Dr.G.Sreedevi presented a paper titled "Impact of Nanotechnology in Future industry implementations" in the NESI-2024 seminar organized by Department of Electronics and Instrumentation ,ANU,Guntur on 13th December,2024.
4. N. Usha Rani presented a paper titled "Targeted Cancer Therapy through Nanoparticle-based Formulation", in National conference on Nanomaterials for Energy, Catalysis and Environment (NMECE - 2024) organized in the Department of Chemistry, Andhra University, Visakhapatnam from December 05-07, 2024.ISBN NUMBER: 978-81-970874-5-5

5.

Training Programs attended:

1. Dr. M. Srilakshmi has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme of University Grants Commission Organized by Malaviya Mission Teacher Training Centre, National Institute of Technology Warangal from 11-12-2024 to 19-12-2024.
Resource Persons:
 - 1.Prof. B. V. Appa Rao, Professor (Retd.) NITW
 2. Prof. T. Kishore Kumar, Head, MMTTC &CTL, NITW
 - 3.Prof. NVSN Sarma, Professor, Dept. of ECE, NITW
 - 4.Prof. N. V. Ramana Rao, Director, NIT Raipur
 - 5.Prof. P. Ravi Kumar, Professor, Physical Education, NITW
2. Dr.T.Preethi Rangamani &.Dr.P.Lakshmi Lavanya, completed the NEP 2020 Orientation Snsitization 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 2-12-24 to 11-12- 2024.
Resource person:
Dr. Faiza Abbasi, Director, UGC-MMTTP, Aligarh Muslim University
3. Dr.P.Pavani,Dr.S.Lakshmi Tulasi &Dr.N.Usha Rani completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC-MMTTC, aulana Azad National Urdu University, Hyderabad from 16-12-24 to 26-12- 2024.
Resource person:
Dr. Faiza Abbasi, Director, UGC-MMTTP, Aligarh Muslim University

Faculty development programs attended:

1. Dr. Silpa. Mandava attended a two- week online faculty development on advances in Mechanical Engineering, organized by the department of mechanical engineering, Prasad V Potluri Siddhartha Institute of Technology from 2/12/2024 to 13/12/2024.

Resource Persons:

Dr. Pandu Ranga Vundavalli, Professor, IIT Bhubaneswar.
Dr. A. Venugopal, Professor, NITW
Dr. Mamilla ravi Sankar, Professor and HOD, IIT, Tirupathi
Dr. Pothukuchi Harish, Assistant Professor, IIT, Jammu

2. Dr.P.LakshmiLavanya, Dr.Sk.Rehena & Dr.Purnachandrarao participated in International Faculty Development Program (FDP) Working with Emotional Intelligence and Life Skills Management (WEILSM) Organized by Department of English, Bapatla Engineering College (Autonomous) in Collaboration with ELT@I Guntur Chapter from 02-12-2024 to 06-12-2024.

Resource Persons:

Dr.D.Praveen San, Assistant Professor, SSN College of Engineering, Chennai.
Dr.Farath Unnisa Begum, Assistant Professor, University of Malaysia.
Dr.Chumki Biswas, Assoc.Professor, Mumbai.

3. Dr. N. Usha Rani, Dr.P.Pavani, Dr.S.Lakshmi Tulasi and Mrs. T.Krishna Sree completed one week AICTE Training And Learning (ATAL) Academy Faculty Development Program on Manufacturing Innovation and Organizational Excellence at PB Siddhartha College of Arts & Science PG Studies from 02/12/2024 to 07/12/2024.

Resource Persons:

D Rama Krishna, CEO-Efftronics Systems Private Limited
P Bhaskara Rao, President AP Chamber of Commerce & Industry Federation
S.Krishna Rao, CEO, Info Park Ltd
Dr B K S Prakasha Rao, Professor, Papua New Guinea University of Technology, Lae, Morobe Province, Papua New Guinea
Mr Ravi Teja Tallam, Head-HR AP Center for Financial System & Services.

Workshops attended:

1. Dr. M.Prameela attended an online workshop "An Introduction to Integral Transforms and their applications" organized by NPTEL from 21/12/2024 to 22/12/2024.

Resource Person: Dr. Hari Shankar Mahato, Assistant Professor, IIT Kharagpur

Conferences/Seminars Attended : Nil
Webinars Attended : Nil
Guest lectures attended : Nil

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

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

Student Activities:

Completed Certification course on "Programming for problem solving using C" wa
from 09-11-2024 to 11-11-24 and from 30-11-2024 to 02-12-2024. Out of 827 students
804 students got certified.

Any Other Information:

Dr A. Purnachandra Rao chaired a session in the AESI Conference held at Gujarat
University, Ahmedabad from 9th to 11th December, 2024.


Dr. M. Srilakshmi

Head

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