

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 February-2026

FACULTY ACTIVITIES

a) Publications in refereed Journals:

SCI Indexed:

Scopus:

1. Jillellamoodi Naga Madhuri, Tonmoyee Doley, Purnachandra Rao Alapati, Vijaya Kumar P, Linginedi Ushasree, Marvin D. Mayormente, Aseel Smerat published a Paper on “Dual Cognitive Pathway Architecture for Robust and Dialect-Aware English Reading Comprehension”, IJACSA, Volume 17, Issue 1, January, 2026. ISSN: 2156-5570, pp. 68-79.

Scopus - Conference Proceedings: Nil

b) Patents:

- i. Dr. Silpa Mandava has published a patent titled “Thermodynamic and Thermoacoustic Characterization of Binary Liquid Mixtures of The Green Solvent Furfuryl Alcohol With Ethylene, Diethylene and Triethylene”. Application no: 202541114094 A published on 09-01-2026.

c) Projects: NIL

d) Books: NIL

e) Book chapter: NIL

f) Others:

Dr.P.Lakshmi lavanya presented a paper entitled “ Discourse Analysis through NLP: A study of Chitra Banerjee Divakaruni’s “The Mistress of Spices” at the Research conclave 2026 held on 23rd-24th January, 2026 organised by Siddhartha Academy of higher education (An institution deemed to be university) vijayawada, Andhra Pradesh, India.

g) Participation in FDP/ Training/ Workshops/ Conferences/ Seminars/ Webinar etc.

Faculty Development programme:

1. Dr. Pavani Peddi, attended the Faculty Development Programme (FDP) on NEP 2020 Orientation & Sensitization Programme organized by UGC-MMTTC, Maulana Azad

National Urdu University, Hyderabad from 16–25 February 2026 under the Malaviya Mission Teacher Training Programme of UGC.

Resource Persons:

Prof. Sajid Jamal, Dept of Education, Aligarh Muslim University

Prof. Arshad Ikram Ahmed, Dept of Educational Studies, Jamia Millia Islamia, New Delhi

2. Dr. G. Sreedevi , Dr. Silpa. Mandava, attended Faculty Development Programme (FDP) on Quantum Technologies: Emerging Trends in Physics and Computation from 25th February to 27th February, 2026 organised by Bapatla Engineering College.

Resource Persons:

Dr. R. Sankaranarayanan Professor, Department of Physics, NIT, Tiruchirappalli.

Dr. S. Balakrishnan, Associate Professor, Department of Physics, VIT University, Vellore

Dr. R. Muthuganesan, Research Assistant Professor, Department of Physics, SRM Institute of Science and Technology, Kattankulathur, Tamilnadu

Seminars attended: Nil

Webinars attended: 01

- i. Dr.P.lakshmilavanya participated in a professional development webinar on Publishing in the Age of Artificial Intelligence Organised by the Department of English, ANITS in collaboration with ELTAI Visakhapatnam Chapter on 31 January 2026.

Training Programs: Nil

Workshop Attended: Nil

Papers presented in conferences /seminars : Nil

Guest lectures attended:

1. Dr. G. Sreedevi , Dr. Silpa. Mandava, Mr.T.Pullarao attended a online Guest Lecture on the eve of National Science Day- 2026 (Theme: Women in Science – catalyzing Viksit Bharat) during 26-28 February 2026 organized by Department of Physics (Sponsored by DST-FIST & DST-PURSE), Koneru Lakshmaiah Education Foundation (KLEF) Green Fields, Vaddeswaram, Guntur, Andhra Pradesh, India – 522302 in association with the Materials Research Society of India (MRSI), India.

Resource Persons:

Dr. V. Jaya Lakshmi, Associate Professor, Department of Physics, NIT, Warangal

- h) **Organized FDP/ Career Development/ Training/ Workshops/ Conferences/ Seminars/ Webinar etc.**

Guest Lectures organized :

1. A guest lecture was organized for I B.Tech students on “Computing with Matrices” was organized by the faculty of Mathematics, on 27-02-26. **Resource person:** Prof.Challa Subrahmanya Sastry, IIT Hyderabad.
2. As a part of Talk series-7, a Guest lecture on “From Tradition to Technology:” – Life Lessons for Young Engineers from Indian Culture was organized to all the I B.Tech. students on 04-02-26.
Resource person: Dr. Medasani . Mohan, Director of Annamacharya Project, TTD.
3. As a part of Talk series-8, A Guest lecture on “Electrical Engineering” – Backbone to Modern Technology was organized to all the I B.Tech. students on 21-02-26.
Resource person: Mr. M. Narayana Prasad, Narayana Prasad Electrical works, Autonagar.

Industrial Visits Organized:

Industrial visits were organized from **12-02-2026 to 20-02-2026** for I B.Tech students of various branches. A total of **741 students** participated. in visits to industries and organizations such as CIPET, Heal Paradise, NUTAN Offset Printing Industry, Model Dairy, KCP Sugar Factory, Coca-Cola at Mangalagiri, and the Railway Workshop at Vijayawada. These visits provided students with practical exposure to industrial processes, manufacturing techniques, and workplace practices.

Date of visit	Branch	Place of visit	No. of students attended
12-02-26	CSD,CSM	CIPET Surampalli & Heal Paradise	124
13-02-26	IT-I & IT-II	CIPET,Surampalli & NUTAN Offset Printing Industry , kanuru	110
16-02-26	CSE-III & CSE-IV	CIPETSurampalli & Model Dairy	114
17-02-26	CSE-I, CSE-II	CIPET Surampalli & Model Dairy	111
18-02-26	ECE	KCP Sugar Factory, Vuyuru	118
19-02-26	EEE	Coco-Cola , Mangalagiri	60
20-02-2026	MECH & Civil	Railway workshop,Vijayawada	104

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

- 1) Dr. T. Preethi Rangamani completed the 4- week Quantum Fundamentals Program 2025-26, jointly organised by Amaravathi Quantum Valley, Qubitech and Wisar on 2-2-26.

- 2) Dr. M. Prameela Completed the 4- Week “Quantum Fundamentals Program 2025-26” jointly conducted by Amaravathi Quantum Valley, Qubitech and Wiser on 7-02-2026, Certificate ID: 20E6F699.
- 3) Dr. G. Raghavendra ganesh completed the 4-Week “Quantum Fundamentals Program 2025-26” jointly conducted by Amaravathi Quantum Valley, Qubitech and Wiser on 10-02-2026, Certificate ID: FFE6536E
- 4) Dr. V. Sitamahalakshmi completed the 4- week Quantum Fundamentals Program 2025-26, jointly conducted by Amaravathi Quantum Valley, Qubitech and Wiser.
- 5) Dr. G. Sreedevi completed the 4- Week “Quantum Fundamentals Program 2025-26” jointly conducted by Amaravathi Quantum Valley, Qubitech and Wiser on 22-02-2026, Certificate ID: 3D781970.
- 6) Dr. Silpa. Mandava completed the 4- Week “Quantum Fundamentals Program 2025-26” jointly conducted by Amaravathi Quantum Valley, Qubitech and Wiser on 26-02-2026, Certificate ID: 18DC9DB5.
- 7) Dr. V.S.N. Malleswari completed the 4-Week “Quantum Fundamentals Program 2025-26” jointly conducted by Amaravathi Quantum Valley, Qubitech and Wiser on 24-02-2026, Certificate ID: 6B81620C.

g). Student Activities:

The faculty of mathematics has organised the following events for I B.Tech students

1. Quiz on General Mathematics (26/02/2026)

Coordinators: Dr. V.S.N. Malleswari, Mr. A.C.S. Babu

Total number of students participated: 57

Prize winners list:

S.No	Name of the student	Regd. No	Branch	Prize
1	D. Gunabhi Ramaraju G. Gopi Swamy G.V.N. Revanth Eswar	25501A0573 25501A0580 25501A0589	CSE-2	I
2	M. Sriram Md. Shahanawaz	25501A05F6 25501A05G2	CSE-3	II
3	B. Satya Bhaskar G.V. Sai VimalKumar B.M. S.V. Sairam	25501A0105 25501A0160 25501A0141	CIVIL	III

2. Essay writing competition on “Role of Mathematics in AI” for I B.Tech. Students. (25/02/2026)

Name of the Co-ordinators: Dr. P. Padmaja, G. Kiran Kumar

Total number of students participated: 14

Prize winners list:

S.No	Name of the student	Regd. No	Branch	Prize
1	K. Geethika	25501A05D6	CSE-I	I
2	M.Siri Teja Sri	25501A05F1	CSE-I	II
3	K.Krupa Praharshitha	25501A1261	IT-I	III

4. Poster presentation competition on “Probability in Every Day Life” for Ist B.Tech. students. (26/02/2026)

Name of the Co-ordinators Dr. V. Sita Mahalakshmi, Dr. M. Prameela

Total number of students participated in this event are : 15

Prize winners list:

S.No	Name of the student	Regd. No	Branch	Prize
1	B.Rishitha Ch.Geetha Lakshmi	25501A0526 25501A0552	CSE-I CSE-I	I
2	S. Triveni D. Joyce	25501A0155 25501A0119	CIVIL CIVIL	II
3	T.Manvitha S.Srichaitya	25501A4259 25501A4257	CSM CSM	III

4. Elocution competition on “Why every Engineer must think Mathematically?” for Ist B.Tech. students. (25/02/2026)

Name of the Co-ordinators: Mr.K.Kiran Kumar , Dr.G.Raghavendra Ganesh

Total number of students participated in this event : 12

Prize winners list:

S.No	Name of the student	Regd. No	Branch	Prize
1.	T.Ihasri Lakshmi	25501A05N7	CSE-4	I
2.	K. Deva Varshini	25501A0220	EEE	II
3.	R. Sai Joshitha	25501A05K6	CSE-4	III
4.	P. Bhavitha	25501A05J3	CSE-3	Consolation

Other information:

Dr. A. Purnachandra Rao reviewed a research paper titled, “Exploring ELT Graduate Students’ Understanding and Practices of Language Assessment: An Explanatory

Sequential Mixed-Methods Study” (SSHO-D-25-08347) for the journal, “Social Sciences & Humanities Open” (SCOPUS) on 23rd February, 2026.

Dr. M. Srilakshmi

(HOD - FE)