

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 MAY - 2026
FACULTY ACTIVITIES

a) Publications in refereed Journals:

SCI Indexed: Nil

Scopus Indexed:

1. Dr. Peddi Pavani published a research paper entitled “Agro-Food Waste Mediated Green Synthesis of Phosphorus Containing Hydroxyapatite Nanoparticles for Enhanced Eggplant Growth” in Research Journal of Chemistry and Environment, Vol. 30, Issue 5, May 2026, pp. 44–59. Impact factor of 0.7.
2. G.Sreedevi published a paper on “Impact of Annealing Temperature on Structural Variations, Optical and Magnetic Behaviour of CdO/FePO₄ Nanophosphors” in Asian Journal of Chemistry, Vol. 38, No. 1 (2026).
3. Sreedevi G published a paper on “Physical Properties of the CaF₂-P₂O₅: MoO₃ Glass System” in Issues of Chemistry & Chemical Technology Voprosy Khimii & Khimicheskoi Tekhnologii, Issue 5, pp. 48-55(2025).

Scopus - Conference Proceedings: Nil

Conference Proceedings - Others:

1. G. Sridevi, published a paper Characterization and spectroscopic investigations of zinc alumino lithium borate glasses doped with TiO₂, Materials Today: Proceedings, (Elsevier), 2023, online publication date: 2023/6/29, Issn no: 2214-7853.
2. G. Sreedevi, published a paper Spectral and structural properties of CuO doped ZnS-MoS₂ nano composites synthesized by hydrothermal method, Materials Today: Proceedings, (Elsevier), 2023. Online publication date: 2023/6/29, Issn no: 2214-7853.

b) Patents: Nil

c) Projects: Nil

Projects applied: Nil

d) Books: Nil

e) Book chapter: Nil

Publications in Others: Nil

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

Conferences: Nil

Faculty Development programme:

1. Dr. Pavani Peddi, participated in the Five-Day EDP on “Ethics and Best Practices in Writing for High-Impact Journals” organized by the School of Electronics Engineering (SENSE), VIT-AP University during 23–27 March 2026.

Resource persons:

1. Dr. Ram Bilas Pachori FIEEE, FNAE ,Institute Chair Professor & Professor (HAG), Department of Electrical Engineering, IIT Indore.
2. Dr. Y. V. Pavan Kumar, Professor, Dean, School of Electronics Engineering, VIT-AP University, Andhra Pradesh, India.
3. Dr. Bibhudendra Acharya, Ex-HOD, Associate Professor, Department of Electronics and Communication Engineering, NIT, Raipur, India.
4. Dr. Ashish Paramane, Department of Electrical Engineering, NIT Silchar, India.

2. Dr. Silpa. Mandava, Dr. G. Sreedevi, Dr. V. S. N. Malleswari, Dr. G. Raghavendra Ganesh, Mr. M. Nagaprasad attended Faculty Development programme on QT - 09 Engineering Foundations of Quantum Technologies from 10th April 2026 to 2nd May 2026 organised by Electronics & ICT Academies at MNIT Jaipur, IIT Kanpur, IIT Roorkee, IIT Guwahati and IITDM Jabalpur.

Resource Persons:

1. Prof. C. M. Chandrashekar, IISc, Bangalore
2. Prof. Rajan Jha, IIT Bhubaneswar
3. Dr. Himadri Shekhar Dhar, IIT Bombay
4. Dr. Ashok Vudayagiri, UoH, Hyderabad
5. Dr. Pradyumna Pathak, IIT Mandi
6. Dr. Y Ramachandrarao, UoH, Hyderabad
7. Dr. Kanaka Raju Pandiri, DIAT Pune
8. Dr. Aswath Babu, IIIT Dharwad
9. Dr. K. Srinivasan, DIAT Pune
10. Dr. K V. Kamma, MNIT Jaipur

3. Dr. Silpa. Mandava, Dr. G. Sreedevi, Dr. V. S. N. Malleswari, Mr. M. Nagaprasad have attended Faculty Development programme on QT - 10 Solid State Physics for Quantum Technologies from 8th May 2026 to 30th May 2026 organised by Electronics & ICT Academies at MNIT Jaipur, IIT Kanpur, IIT Roorkee, IIT Guwahati and IITDM Jabalpur.

Resource Persons:

1. Prof. Rupak Banerjee, IIT Gandhinagar
2. Prof JP Singh, IIT Delhi
3. Prof. Manjuladevi, BITS Pilani
4. Dr. Sanjeev Kumar Srivastava, IIT Kharagpur
5. Prof. Manish K. Kashyap, JNU New Delhi
6. Prof Santanu Ghosh, IIT Delhi
7. Prof. Aditi Sen, HRI Allahabad
8. Dr. Aswath Babu, IIIT Dharwad
9. Dr. Mostafizur Rahaman, IBM Quantum
10. Dr Rajendra Singh, IIT Delhi
11. Dr. Neeraj Shukla, NIT Patna
12. Dr. K V. Kamma, MNIT Jaipur
13. Dr. Rahul Singhal, MNIT Jaipur

4. Dr. Silpa. Mandava, Dr.N.Usha Rani, Dr Pavani Peddi and Dr S.Lakshmi Tulasi participated in a 2 week online Faculty Development programme on “Mechfusion - Exploration of Inter disciplinary Innovations” from 27th April 2026 to 7th May 2026, organised by Department of Mechanical Engineering, PVPSIT.

Resource Persons:

1. Dr.V.Vasu, Dr.G.Venkatesh, NIT Warangal
2. Dr.Kiran Kumar Naik, NIT Rourkela
3. Dr.Kamal Captain, SNIT Surat, Dr.Amit SVNIT Surat
4. Dr.Benny karunakar, IITRooke
5. Dr.Prudhvi Reddy Paresi
6. Abu Dhabi, UAE

5. Dr. M. Rudrama Devi has participated in a 5- Faculty Development programme on ‘Self Awareness and Higher Goals in Education from May 25-29, 2026, organised by Indian Institute of Technology Madras, Chennai.

Resource Persons:

1. Prof. Devdas Menon (author of the books ‘Stop Sleepwalking through Life!’, ‘Spirituality At Work’ among others).
2. Mr. Arul Dev, Integral Education Facilitator and Mentor.

6. Dr.G.Raghavendra Ganesh completed NPTEL- AICTE Faculty development program on Scientific computing using MATLAB during JAN-APR 2026.

Resource persons:

1. Prof. Mani Mehra, the Indian Institute of Technology (IIT) Delhi
2. Prof. Vivek K. Aggarwal from Delhi Technological University (DTU) Delhi

7. Mrs.Y.Pavani participated in the five day online faculty development program on “Role of artificial intelligence in drug discovery organised by the department of Chemistry, VNRVJIET, Hyderabad during 30th March to 4th April 2026.

Resource persons:

1. Dr.Jyothsna cherukuri, Convener & Professor, HOD, VNRVJIET
2. Prof. Vibin Ramakrishnan, IIT, Guwahati.

8. Dr.G.Sreedevi completed NPTEL- AICTE Faculty development program on “Introduction to Quantum Computing: Quantum Algorithms and Qiskit during JAN-MARCH 2026.

Resource persons:

1. Prof. Prabha Mandayam, Associate Professor at IIT Madras.
2. Prof. Anupama Ray, Advisory Research Scientist and IBM Quantum Ambassador/Qiskit Advocate at IBM Research.

Training programme:

1. Dr. Alapati Purnachandra Rao 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 13th to 22nd May, 2026.

Resource Persons:

1. Prof. Rajendra Kumar Pandey, Principal (OSD), Ramanujan College. New Delhi
2. Prof. Dipti Jayasukhbhai Oza, Department of Education, Faculty of Education and Psychology, MS University, Baroda
3. Dr. Prem Singh Sikharwar, Shri Lal Bahadur Shastri National Sanskrit University, New Delhi
4. Prof. Rafeedali E, Regional Director MANUU, Kolkata
5. Prof. Sajid Jamaal, Department of Education, Aligarh Muslim University
6. Prof. Ravi Akula, Professor & Dean, Faculty of Commerce, Mahatma Gandhi University, Nalgonda
7. Prof. Arshad Ikram Ahmed, Faculty of Education, Jamia Milia Islamia, New Delhi
8. Prof. Viqar Unnisa, Dept of Education & Training, Maulana Azad National Urdu University, Hyderabad
9. Dr. Vaishali Chokkar, Shri Ram College of Commerce, New Delhi
10. Dr. Nilanjana Ray, School of Gender and Livelihoods, Tata Institute of Social Sciences. Hyderabad
11. Prof. Abid Siddiqui, Dept of Education, Aligarh Muslim University. Aligarh
12. Prof. Charul Jain, Dept of English, MS University, Baroda
13. Prof. Jagpreet Kaur, Dept of Education & Community Service, Punjabi University, Patiala
14. Professor Dr. Quendarisa Kharbuli, Director I/c UGC-MMTTC, North Eastern Hill University, Shillong
15. Dr. Ihtiram Raza Khan, School of Engineering, Sciences & Technology, Jamia Hamdard. New Delhi

Seminars attended: Nil

Webinars attended:

1. Dr. N. Usha Rani, Dr. Pavani Peddi, Dr. S. Lakshmi Tulasi actively participated in the webinar on “Semiconductor Nanostructures for Optoelectronics Applications” organized by the Department of Electronics and Communication Engineering, Dr. RVR NRI Institute of Technology on 10 April 2026.

Workshop Attended: Nil

Papers presented in conferences /seminars: Nil

Others: Nil

Guest lectures attended: Nil

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

Seminars Organized: Nil

Guest Lectures organized: Nil

Workshop Organized:

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

1. Dr. G. Sreedevi completed NPTEL Online Certification Course on “Introduction to Quantum Computing: Quantum Algorithms and Qiskit” from Jan to March 2026 and got Elite certificate.
2. Dr. G. Raghavendra Ganesh completed 12 weeks NPTEL Online Certification course on “Scientific computing using MATLAB” from Jan-Apr 2026 and got Elite certificate.

Student Activities:**Student activities within the college:****Organized and participated events:**

1. Echo Club, initiated by the Faculty of English, has organized a **Book Review Competition** on the eve of the **birth anniversary of Sri.Rabindranath Tagore**, the Nobel Laureate from India in Literature, to encourage the First Year students to speak about a book (any language but presentation is in English only) that they've read.

Event Details:

- Date: Thursday, 07-05-2026
- Time: 11.55am onwards
- Venue: Room No. 419

List of Prize Winners

Sl.No	Reg.No	Name of the Participant	Branch	Position
1	25501A0217	J.Aashritha	EEE	I
2	25501A12A5	S.V.K.Karthik	IT	II
3	25501A1272	M.Durga Pavan Tej	IT	III

List of Participants

Sl.No	Reg.No	Name of the Participants	Branch
1	25501A0149	R. Venkat	CE
2	25501A0155	S.Triveni	CE
3	25501A0137	Yasmeen	CE
4	25501A0139	CH.Likhitha	CE
5	25501A0152	SK.Mohuddin	CE
6	25501A0115	D.Padmavathi	CE
7	25501A0132	M.Valli	CE
8	25501A0114	D.Smaythi	CE
9	25501A0343	P.Aditya raj	ME
10	25501A0217	J.Aashritha	EEE
11	25501A0204	B.Jaswani	EEE
12	25501A4428	K.Neha sree	CSD
13	25501A12A5	Karthik	IT
14	25501A1272	Pavan kumar	IT

15	25501A04C0	T.Amulya	ECE
16	25501A1286	N.V.Ramcharan	IT
17	25501A4201	A.Tanmayi	CSM
18	25501A0311	B.Hari	ME
19	25501A0354	T.Vignesh	ME
20	25501A0117	G.Nikhitha	CE
21	25501A0513	A.Varshini	CSE
22	25501A4445	P.Lavanya	CSD
23	25501A4418	G.Nikhil	CSD
24	25501A1252	K.Dhanush	IT
25	25501A1235	E.Neelima	IT

Other information: Nil

Dr. M. Srilakshmi
(HOD - FE)