



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 September, 2023

FACULTY ACTIVITIES

a. Publications in refereed Journals:

SCI indexed: NIL

SCIE indexed: NIL

Scopus indexed:

1. Amarendra Babu V. Abida Begum K. Siva Naga Malleswari V., have published a paper MJB-Neutrosophic Positive Implicative LI-ideals, Associative LI-ideals, and Fantastic LI-ideals, *International Journal of Neutrosophic Science*, Vol. 21, No.2, June (2023), PP.84-97, ISSN:2690-6805 (Doi : <https://doi.org/10.54216/IJNS.210208>).
2. G. Sreedevi, T. Pullarao , S. K. Khaja Muswareen , S. Suresh , , P. Vijaya Sirisha , , Ch. Rajyalakshmi, V. Jayalakshmi have published a paper of title “ Hydrothermal Synthesis and Micro-Structural, Optical and Luminescence Properties of Core-Shell Hetero Structure CdS/Zn₃(PO₄)₂ Nanocomposite in *Asian Journal of Chemistry*; ISSN : 0975-427X, Vol. 35, No. 8 (2023), 1836-1842.
3. Dr. N. Usha Rani, Dr. P. Pavani, Dr. S. Lakshmi Tulasi and P. T. S. R. K. Prasad Rao Published a Paper “Bio-Inspired Green Synthesis Of Nickel Nanoparticles Using Sterculia Foetida Leaf Extract And Its Application For Removal Of Trivalent Chromium From Aqueous Solution” *Indian Drugs* ISSN :0019-462X Volume :60,Issue;6,Page No:26 to 33 June.2023 <https://doi.org/10.53879/id.60.06.12743>

ESCI indexed and UGC-CARE:

1. Dr A Purnachandra Rao published three poems, ‘Nature, the mother’, ‘Human Action’, and ‘Nature, the Rebellion’ in *Literary Voice: A Peer Reviewed Journal of English Studies*, Volume: 1. Issue 21. September, 2023. ISSN: 2277-4521. pp:466-467

Others:

b) Patents:

1. P.Lakshmi Lavanya, Dr. Sk. Rehena and Dr. T. Vidyullatha have published a patent on “Periodic Progressive Classroom Instruction In Speaking Skills (PPCISS) For Technical Students”.

c) Projects: NIL

d) Books/ Book chapters: NIL

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

FDP attended::

1. Dr. M. Prameela, Mr. G. Kiran Kumar, Dr. P. Padmaja Participated in the AICTE Recognized Faculty Development Programme on “Neural Networks & Fuzzy Logic” conducted by Electronics & Communication Engineering Department from 21/08/2023 to 01/09/2023 (Two Weeks) at P.V.P.S.I.T, Kanuru, Vijayawada.

Resource Person:

Dr. Amod Kumar, Professor, NITTTR, Chandigarh.

Training Programs attended:

1. Mrs. T.Krishna Sree, Dr. M. Prameela has Participated in the Professional Development Programme on “Outcome Based Education” Conducted by NITTTR Chennai from 05.09.2023 to 09.09.2023 (One Week) at V.R. Siddhartha Engineering College, Vijayawada, Andhra Pradesh.

Resource Persons:

1. Dr. E. S. M. Suresh, Professor Civil Engg & Head, Dept.of Curriculum Development, Planning & Coordination, NITTTR, Chennai.
 2. Dr. Uma Shankar Sahu, Professor & Head, Extension Centre, Hyderabad, NITTTR, Chennai.
 3. Dr. V. Siva Kumar, Associate Professor, Dept. of Mechanical Engineering, NITTTR, Chennai.
2. Dr. Podila Padmaja participated in “A Five-Day Online FDP on Advances in Graph Theory” organized by the Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai from 11th Sep to 15th Sep 2023.

Resource Persons:

1. Dr. M. A. Shalu, Associate Professor, IIITDM- Kancheepuram
2. Dr. S. Vijayakumar, Assistant Professor, IIITDM- Kancheepuram

Workshops attended: NIL

Conferences Attended: NIL

Seminars Attended: NIL

Webinars Attended: NIL

Guest lectures attended: NIL

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

Student Induction Program:

1. A Three – Week Student Induction Program (SIP) was organized for B. Tech. Students from 4-09-23 to 23-09-23
Coordinators: Dr. P. Pavani, Dr. S. Lakshmi Tulasi, Dr. T. Preeti Rangamani & Mrs. P. Lakshmi Lavanya

Orientation Programs Organized:

1. In the three-week Student Induction Program for I B. Tech. students, Universal Human Values course was conducted with course facilitators Dr. M. Rudrama Devi, Dr. Pavani Peddi, Dr. Sk. Rehana, and Mrs. Y. Pavani from FED, PVPSIT.
Co-ordinator: Dr.Pavani Peddi

2. UHV Orientation Program was conducted for I B. Tech. Students by Dr. B. Surya Prasad Rao, Assoc. Prof. ECE Dept. on 11/9/2023.
3. Disciplinary committee orientation was conducted for I B. Tech. Students by Dr. Ch. Padmanabha Raju, Chairman Disciplinary Committee & HOD, EEE Dept. on 12/9/2023.
4. Academic Regulations, Course Structure and Syllabus orientation was given by Controller of Examinations Prof. Niranjana Kumar on 13/9/2023 for I B. Tech. Students.
5. T&P Orientation was given for I B. Tech. Students by Placement Officer Mr. G. Ramesh Babu on 13/9/2023.
6. Women Cell Orientation Program was conducted for I B. Tech. Women Students by Dr. P. Adhi Lakshmi, HOD, MBA, Dr. R. Chudamani, Asst. Prof., FED, and Mrs. T. Krishna Sree, Asst. Prof., FED on 16/9/2023.
7. Student council orientation was given by Mrs. L. Sudheera, Soft Skills Trainer for I . B. Tech Students on 16/9/2023.
8. Literary and Cultural Club orientation was conducted for I B. Tech. Students by Dr. M. Rudrama Devi, Coordinator-Literary and Cultural Club & Assoc. Prof., FED on 16/9/2023.
9. NCC Orientation was given by Lt. Dr. M. Dhadurya Naik for I B. Tech. Students on 16/9/2023.

FDP: NIL

Career Development: NIL

Training programs:

1. A One week training program on 'Career Development and Soft Skills' was conducted for I B. Tech. Students by Mr. Sai Devan, Soft Skills Trainer from 19/9/2023- 23/9/2023.

Workshops:

1. A two day workshop on The Role of Innovation and Entrepreneurship was conducted for I B. Tech. Students from 21/9/2023- 22/9/2023.
Resource Person: Dr. S. Krishna Sowjanya, Business Consulting and Training.
2. A one day workshop on Personal and Professional development was conducted for I B. Tech. Students on 14/9/2023.
Resource Person: Dr. K. V. S. G. Murali Krishna, Director, IIIT & P, JNTUK
3. A One day workshop on 'Detox Grocers' was conducted for I B. Tech. Students on 16/9/2023 by Freshman Engineering Department.
Resource Person: Dr. K. Manikyeswara Rao, B. A. M. S., P. G. D. (Yoga)

Conferences: NIL

Seminars:

1. A One - Day Seminar on 'Career Prospects of Engineering' was conducted for I B. Tech. Students by Dr. B. Tirupathi Reddy, Professor, IT Dept. on 12/9/2023.
2. A One - Day Seminar on Anti-ragging and Anti-Drug awareness program was conducted for I B. Tech. Students on 12/9/2023.
Resource Persons:
 - a) Sr. L. Rajesh, Sub Inspector of Police,
 - b) Dr. B. Keerthi, President Vasavya Mahila Mandal
3. A One - Day Seminar on Role of Engineers in Nation building was conducted for I B. Tech. Students on 15/9/2023.
Resource Person: Er. Purnachandra Poshala, Systems Manager Texas Instruments, Bangalore

4. A One - Day Seminar on Health, Wellness, Yoga and Sub conscious mind was conducted for I B. Tech. Students on 16/9/2023.

Resource Person: Dr. K. Manikyeswara Rao, B. A. M. S., P. G. D. (Yoga)

2. Others:

On the Occasion of “National Engineers day on 15th September 2023, the following events were conducted for I B. Tech. students.

1. **Project Expo:** Total 49 members participated in Project Expo on 15-09-2023 and exhibited 18 projects on various science and technology related concepts.

Co-ordinators: Dr. G. Sreedevi, Mrs. Y. Pavani, Mr. M. Naga Prasad

Prize winners:

Prize	Branch	Title of the Project	Project members
I	MEC	Human Following Robot	K. Prem Kumar
			Sk. Meera Sharif
			M. Durga Prasad
			V. Kalyan Sai Ram
II	IT	LED Distance Indicator	P. Bhanu Upendra Harsha Kumar
			R. Hemanth kumar
III	EEE	Blind Vision	V. Nikhil
			M. Jagadeesh
			P. Prasanna Kumar
Best idea	CSM	Automation Watch	Abdul Farzana
			V. Sai Vaishnavi
Conso lation	IT	Mini Hydraulic Lift	D. Naga Malleswara Rao
			M. Dilip
			M. D. Karimulla

2. **Quiz:** Total 59 members participated in the Quiz Competition on 12-09-2023.

Co-ordinators: Dr. V. A. N. Malleswari, Mr. A. Chandrasekhar Babu, Dr. V. Sita Mahalakshmi

Prize winners:

Prize	Department	Name Of The Student
I	CSE	P. Pradeep
		E. Akhil
		G. Sai Narayana
II	MECH	Kalyan Sai
		M. Durga Prasad
		Sk. Meera Sharif
III	CSE	P. Anand Raj
		P. Tulasi Ram
		M. Soma Sekhar

3. **Technical Poster Presentation Competition:** As a part of Engineers Day Celebrations on 15-09-2023, Freshman Engineering Department organized an Technical poster presentation competition on the topic “Green Technology”. Total 78 students participated in the Technical poster presentation Competition on 15.09.2023. Co-ordinators: Dr. T. Preethi Rangamani. and Dr. S. L. Tulasi.

Prize winners:

S.No	Name Of The Student	Branch	Prize
1.	V. Bindu	ECE	I
	A. Lakshmi Vara Priya	ECE	
2.	K. Varun	CSD	II
3	Sd. Ishrath Suhana	CSM	III
4	R. Charan Teja	ME	Consolation
5	K. Anuradha	EEE	Consolation

4. As a part of Engineers Day Celebrations on 15-09-2023, Freshman Engineering Department organized an Essay writing competition on the topic “Engineering Innovation for a more Resilient World”. Total 61 members participated in the Essay Writing Competition on 12-09-2023. Co-ordinators: Dr. Sk. Rehena & Dr. T. Vidyullatha

Prize winners:

S. No.	Name	Branch	Prize
1.	Ch. Sravanthi	CSD	I
2.	M. Vyshnavi	IT	II
3.	Sd. Ishrath Suhana	CSM	III

5. On the eve of Engineers’ Day Celebrations, Freshman Engineering Department organized Elocution competition for I B. Tech. students on the topic “**My Contribution as an Engineer to my Country**”. A total of 30 students participated in the competition held on 12-09-2023.

Co-ordinators: Dr. A. Purnachandra Rao & Mr. M. Krishna.

S. No.	Name	Branch	Prize
1.	Ms. K. Nikhitha	CSD	I
2.	Ms. Haseena Sk.	EEE	II
3.	Ms. Y. Suma Harshitha	ECE	III

6. A Technical Rangoli Competition was conducted to all the I B. Tech. students on 15. 09. 2023 as a part of National Engineer's Day Celebrations. Total 42 students participated.

Event Coordinators: Mrs. T. Krishna Sree & Mrs. A. Divya Sai Sree.

The Winners of the Event are as follows.

Name of the student	Branch	Prize Won
Ch.Durga Meenakshi G. Lakshmi Prasanna Sai Sri & D. Alekhya	CSM	I
Ch. Trisha, K. Sruthi N. Sri Varshini M.Jahnavi & Sk. Afreen	CSE	II
Ch. Silvy Joice T.Rithvika Bindu & Priya	ECE	III

7. **ECHO** club organized a contest titled '**Giving Directions**' to the I B. Tech. students. Total 130 students participated in the Competition on 30-09-2023.

Co-ordinator: Dr. Sk. Rehena

Prize winners:

S. No.	Name	Branch	Prize
1.	P. Lakshmi Manasa Ch. Devi	CSM	I
2.	Ch. Trisha	CSE-1	II
	M. Bhavya Sai Sri	CSE-2	
3.	V. Priya Mythili V. Shalini	CSM	III
4.	G. Vasundhara S.Vani Vahnika	CSE-3	Consolation
5.	M. Dilip	IT-2	Consolation
	J. Vishwa Tej	IT-1	

g) Papers presented in Seminars/ Conferences: NIL

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

1. Dr. N. Usha Rani & Dr. S. Lakshmi Tulasi have successfully completed Introduction to Sustainability an online non-credit course authorized by Shanghai Jiao Tong University and Illinois at Urbana - Champaign offered through Coursera - 8 weeks course on 04.09.2023
2. Dr. P. Pavani completed an eight-week online course titled "Drug Discovery" University of California San Diego through Coursera. The course concluded on 29.08. 2023, with a final grade of 88. 77%. Instructor: Williams Ettouati

3. Dr. P. Pavani completed an eight-week online course titled "Dairy Production and Management" offered by the University of Penn State College of Agricultural Sciences through Coursera. The course concluded on September 6, 2023, with a final grade of 91.48%. Instructor : Alexander N. Hristov

i) Faculty Achievements (Higher Qualification awarded, guest lectures given, awards and rewards, acted as a Resource person, Judges. BOS members etc.):

Reviewer: Dr. Pavani Peddi, completed a paper review Titanium Dioxide Nanoparticles: Green Synthesis, Characterization And Antimicrobial/ Photocatalytic Activity, the Biomass Conversion and Biorefinery journal, which is indexed in the Science Citation Index Expanded (SCIE) and SCOPUS.

STUDENT ACTIVITIES: NIL

ANY OTHER INFORMATION: NIL

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