



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 -March , 2023

FACULTY ACTIVITIES

a. Publications in refereed Journals:

i.SCI indexed:

ii.SCIE indexed:

a. Scopus indexed: 1.Pavani Peddi, Nannapaneni Usha Rani and S. Lakshmi Tulasi, Green Synthesis of Bimetallic ZnO-CuO Nanocatalyst for the Hydro-dechlorination of 1, 2-Dichlorobenzene and 3-Chlorophenol. Asian Journal of Chemistry; Vol. 35, No. 3 (2023), 578-584. <https://doi.org/10.14233/ajchem.2023.26896>

iii. Conference proceedings:

iv.ESCI indexed:

v.Others: Patents

PROJECTS:

1. A SAGTE Project (under seed money) of Title “ Micro structural and Optical properties of nanocomposites under bottom- up hydrothermal technique ” was sanctioned to Mr.T.PULLARAO on September 2022, Amount sanctioned: 30,000/-
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Amount utilized : 29,996
2. A SAGTE Project (Under seed money) of Title “Photo degradation studies of novel Nanohybrids by Chemical precipitation methods” was sanctioned to Mr.P.RAMAKOTESWARA RAO on September 2022, Amount sanctioned: 25,000/-, Amount utilized : 23,500

b. Participation in FDP/Training/workshops/conferences/seminars/webinar etc

Faculty Development Program attended:

1. Dr. M. Prameela has participated in the 5-Days FDP on "New Age Technologies" organized by SCOPE, VIT-AP University, Amaravati from 28-03-2023 to 01-04-2023.

Resource Persons: (1)Dr. Kavitha D., Professor, ECE Dept, CMR Institute of Technology, Bengaluru, (2) Mr. Anil Kumar G S, Senior System Engineer, Siemens Gamesa Renewable Energy Pvt. Ltd, Electronic City, Bengaluru. (3) Dr. Asha Joseph, Associate Professor, Amal Jyothi College of Engineering, Kanjirappally, Kottayam Dt, Kerala. (4) Dr. Mohan H M, Program Manager, Digital Shark Technology. (5) Prof. Sowmya T, CSE Department, CMR Institute of Technology, Bengaluru.

2. Dr.V.S.N.Malleswari, and Dr.A.Purna Chandra Rao participated in a one-day FDP on “Research Development & Fund Grant” held on 20/03/2023 organized by Department of Information technology, PVPSIT, Vijayawada.

Resource person: Dr. Ch. V. K. N. S. N. Moorthy, Director, R&D, Vasavi college of Engineering, Hyderabad.

Faculty Development Program Organized: NIL

Training Programs attended:

1. Dr. M. Shyam Sundar has attended “Training of Programme Officers of NSS”, organized by Ministry of Youth Affairs and Sports, Directorate of NSS, Govt. of India, at Amdebkar International Centre, New Delhi on 15-03-2023.

Workshops attended:

1. Dr. Podila Padmaja -participated in a 5-day workshop on Statistical Analysis using Python held at VNRVJIET, Hyd. During 6-11 March 2023, organized by the dept. Of Humanities & Sciences, CSE (CYS, DS) and AI&DS.

Workshops Organized:

Conferences (National) attended:

1. Dr. M. Prameela presented a Paper "Convected Mass and Heat Transport in Magnetic Burger's Fluids Subject to Chemical Reaction" in the National Conference on "Advances in Mathematical Sciences and its Applications" (NCAMSA-2023) held at Department of Mathematics, Acharya Nagarjuna University on 17th to 18th March, 2023.
2. Dr. T. Preethi Rangamani has participated in the national conference as a resource person and presented paper entitled “Effect Of Environmental Education On Engineering Students Towards Environment In Non- Credit System” in the UGC sponsored Two-day national seminar on “Socio- Environmental Issues and Sustainable development” held at Acharya Nagarjuna University, Guntur. From 3-3-2023 to 7-3-2023.
3. Dr. V. Siva Naga Malleswari presented a paper “Neutrosophic fuzzy implicative filters of Lattice Wajsberg algebras" in the National Conference on "Advances in Mathematical Sciences and its Applications" (NCAMSA-2023) held at Department of Mathematics, Acharya Nagarjuna University on 17th to 18th March, 2023.

Seminars attended: NIL

Seminars Organized:

An International Seminar was organized for I B. Tech students on ‘**A Source of Innovative Entrepreneurship: Hemp – The Green Gold**’ on 21-03-2023. Mr. Lenz Conrad Switchenberg, Senior Product Manager, Vodafone, Germany acted as Resource person.

Webinars attended:

1. Dr. V. Sita Maha Lakshmi has attended an International Webinar on Demystifying Cloud, Containers & Automation hosted by Botho University, Botswana in association with IPSR solutions limited, India on 10th March 2023.

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

d) Programs Organized:

Orientation Programs Organized:

Guest lectures organized:

1. A guest lecture on “Role of Multifunctional Materials in Technical Aspects” was conducted by Faculty of physics, Department of Freshman engineering for I B. Tech. students on 18th March 2023.
Resource Person: Dr. Vattikondala Ganesh, Department of Physics and Nanotechnology, College of Engineering & Technology, SRM University, Kattankulathur - Chennai acted as Resource person for this guest lecture.
2. A guest lecture on” Competitive Programing” by NDLI Club, FED was organized for I B. Tech. students on 29th March 2023.
Resource Person: Prof. B. Jannaki Ramaiah, HOD, (CSD & AIML), PVPSIT
Program coordinator: Mr. Ch. Murali Mohan.
3. A Guest Lecture was organised on personality Development by Faculty of English for I B. Tech. students on 31 - 3 - 23 and 1 - 4 - 23
Resource Person: Prof .Raja Vishwanathan, Associate Professor, NIT Warangal.

STUDENT ACTIVITIES:

1. Mr. K. Jaya Siva Srithan from I B. Tech. CSE-2 section has presented a paper entitled Analysis of different AI Based Intrusion Detection Techniques In The International Conference On Advances And Applications In Mathematical Sciences organized by the Department Of Mathematics, Andhra loyola college during 14th-16th march 2023. under guidance of Dr. V. Sita Mahalakshmi
2. Mrs. K. Sree Vidya from I B. Tech. CSE-2 section has presented a paper entitled Application of Mathematics In Calculation Of Employees Payment In The International Conference on Advances And Applications In Mathematical Sciences Organized by The Department Of Mathematics, Andhra Loyola College during 14th-16th March, 2023 under guidance of Dr. V. Sita Mahalakshmi.
3. K. Sessa Sai Sivani from I B. Tech. CSD has participated in the Srinivasa Ramanujan Mathematical competitions conducted by ISTE, Tamilnadu section during year 2022-2023 (March) in engineering level under the guidance of Dr. V. Sita Mahalakshmi.

4. Under the Guidance of Dr. G. Sreedevi, Mr. Ch. S. V. Hemanth, Mr. G. Gowtham, Mr. Ch. S. V. Subramanyam Mr. A. Greeshwanth and Mr. Lokesh from I B. Tech. CSE, Section 1 participated in ‘Nanoscience and Nanotechnology interacting with the renowned Scientists in the event “Seeding Nanoscience in Young Minds – Live Interaction with Scientists,’ hosted by SRM-ICONN 2023 and co-hosted by Indian Science Congress Association (ISCA) - Chennai Chapter, held on March 28, 2023. Challapalli Satya Venkata Hemanth, got Best student award.

Industrial visit:

Industrial visits were organized for I B. Tech, students as a part of which they have visited CIPET: Centre for Skilling and Technical Support (CSTS), Surampally and Rautec Ceramics, China Avutapalli, from 27-03-2023 to 01-04-2023.

S. No.	Date	Branches	Number of students	Number of Faculty
1.	27-03-2023	ME, CE & ECE -1	102	5
2.	28-03-2023	EEE & ECE-2	110	5
3.	29-03-2023	IT – 1 & IT -2	117	7
4.	31-03-2023	CSE -1 & CSM	110	5
5.	01-04-2023	CSE -2, CSE-3 & CSD	160	7

ANY OTHER INFORMATION

1. Dr. T. Preethi Rangamani delivered a Guest lecture on “Food and Environment - Eat Healthy and Go Green” at YVR Siddhartha College of Education on 11-3-2023 Organized by CPR Environmental Education Centre, Chennai.
2. Dr. V. Sita Mahalakshmi, Dr. T. Preethi Rangamani & Mrs. T. Krishna Sree acted as judges for National Level Science Expo 2023 organized by SAFE Organisation in collaboration with Andhra Loyola College on 3rd March 2023 at Andhra Loyola Degree & PG College, Vijayawada.
3. Dr. Sk. Rehena, P. lakshmi lavanya and Dr. Vidyullatha participated in the “Group Patriotic song singing competition” on 4th March, 2023 Organized by Women Cell in view of Women's Day.
5. Dr. Sk. Rehena, P. Lakshmi Lavanya and Dr. Vidyullatha participated in the “Group folk song singing competition” and won First prize on 4th March, 2023 Organized by Women Cell in view of Women's Day.
6. Dr. Sk. Rehena, P. Lakshmi Lavanya and Dr. Vidyullatha participated in the “Mime” event and won First prize on 4th March, 2023 Organized by Women Cell in view of Women's Day.
7. Dr. Sk. Rehena acted as a judge for a state level Essay Writing Competition organized by EENADU on 24.3.23.
8. Dr. M. Prameela has participated in “Mime” event and won 1st Prize on 4th March, 2023 in view of Women's Day organized by Women Cell.
9. Dr. M. Prameela acted as judge for state level competition on “General Quiz” organized by Eenadu under Eenadu Prathibha held on 24-03-2023.
10. Dr. R. Chudamani has participated in “singing competition” event on 4th March, 2023 Organized by Women Cell.

11. Dr A. Purnachandra Rao acted as judge for state level competition on “Storytelling” organized by Eenadu held on 24.3.23.
12. Echo club, initiated by English Dept., conducted ‘Creative speaking’ competition on 24th March, 2023. Mr. M. Krishna coordinated the event.

List of Prize winners:

Sl. No.	Student name	Regd. No.	Branch	Prize
1	P. VARSHITHA	22501A04A6	ECE	I
2	K. MADHU LATHA	22501A4427	CSD	II
3	P. NIKITHA	22501A05F0	CSE	III

13. The Department of FE organized four events on the occasion of SITAR Techfest23 held on 10th March and 11th March, 2023 for which Dr. A. Purnachandra Rao acted as Dept. Coordinator: The event Coordinators are as follows:.

1. Talking Titans (EXTEMPORE)-
Dr. M. Prameela.
Dr. V.S.N. Malleswari

List of Prize winners in Taking Titans (EXTEMPORE)

S.No.	Name of the Participant	Branch & Year	College Name	Mobile No.	Prize won
1	Aaisha Sultana. G	I Year CSE (DS)	PVPSIT	99851140205	I
2	K. Madhu Latha	I Year CSE (DS)	PVPSIT	7396569441	II

2. Gaana (SINGING-Solo):
Dr. Sk. Rehena
Dr. T. Vidyullath
3. Chitralkhanna (PAINTING):
Dr. R. Chudamani

Mr. P. Ramakoteswara Rao

4. Srujana (CREATIVE WRITING - English):
Mrs. P. Lakshmi Lavanya
Dr. N. Usha Rani