



**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, 2022**

**FACULTY ACTIVITIES**

**a. Publications in refereed Journals:**

**i. SCI indexed: NIL**

**ii. SCIE indexed: NIL**

**iii. Scopus indexed:**

- 1) Dr. G. Sreedevi, K. V. Rao, G. J. R. P. Kumar, B. T. Rao, S Cole, published a paper titled “The Structural, Morphological, Optical and Photoluminescence Studies of Mn<sup>2+</sup> Doped CdS/ Zn<sub>3</sub> (PO<sub>4</sub>)<sub>2</sub> Nano Composites” in Iranian Journal of Materials Science and Engineering, ISSN : 17350808, Vol. 19, issue 4, December 2022, DOI: 10.22068/ ijmse.2574.
- 2) Dr. V. Sitamahalakshmi published a paper titled “Detection of Cardiac Arrhythmia Using Multi-Perspective Convolutional Neural Network for ECG Heartbeat Classification”, International Information and Engineering Technology Association, ISSN: 15541053, Volume36, No.4, August 2022, pp. 629-634.

**iv) Scopus Conference proceedings:**

- 1) V. Amarendra Babu, Dr. V. Siva Naga Malleswari and K. Abida Begum published a paper of title “M<sub>B</sub>J-Filters on Lattice Implication Algebras” in Journal of Physics: Conference Series (IOP Publishing), ISSN: 1742-6588, volume:2332 (2022) 012007, Doi:10.1088/1742-6596/2332/1/012007

**v) ESCI indexed: NIL**

**vi) Others: NIL**

**b. Participation in FDP/Training/workshops/conferences/seminars/webinar etc.**  
**Faculty Development Programs attended:**

1. Dr. Shaik Rehena, Mrs. M. Prameela & Mrs. T. Krishna Sree have participated in a 5-Day Online Faculty Development Programme on “Communication Skills for Research Paper Writing and Professional Practices” organized by the Department of Basic Sciences and Humanities, GMR Institute of Technology, Rajam, Andhra Pradesh, India from 4<sup>th</sup> - 8<sup>th</sup> December 2022. ( **NIRF: 188**)

**Resource Persons:** 1) Dr. M. Nethaji, Chief Research Scientist, IISc Bangalore, India.  
2) Prof. Ramesh L. Gardas, Professor at IIT Madras  
3) Dr. Rajendra Kumar Dash, Associate Professor of English

2. Dr P. Padmaja has participated in TEW Workshop on Statistics and Linear Algebra with emphasis on Data Science hosted by Department of Mathematics, Visveswaraya National Institute of Technology, Nagpur from December 19- 24, 2022. Funded by National centre for Mathematics a joint centre of TIFR and IIT Bombay.

**Faculty Development Program Organized:** NIL

**Training Programs attended:** NIL

**Training Programs Organized:** NIL

**Workshops attended:** NIL

**Workshops Organized:**

1. On the eve of “**National Mathematics Day**”, Faculty of Mathematics, organized a One-day Workshop on “**GANITA ASHTAVADHANAM**” on **22-12-2022** to all I. B. Tech. Students.

**Resource Person:** Dr. T. S.V. S. Suryanarayana Murthy, School Assistant in Maths, Z. P. P. High School, Amalapuram.

**Conferences (International) attended:**

**Resource persons:**

1. Dr. R. Chudamani acted as resource person for induction programme to UG students at SDM Siddhartha Mahila Kalasala on December 12, 2022 and has delivered a lecture on “Mathematics in architecture and other applications.”

**Conferences (National) attended:**

**Seminars attended:**

1. Dr. R. Chudamani attended an International Seminar on “Indian Mathematicians and their Contributions” to commemorate the 135th birth anniversary of legendary Indian Mathematician Srinivasa Ramanujan Organized by Department of Mathematics, School of Physical Sciences, Central University of Karnataka, India during 21-22, December 2022. ( NIRF: )

**Resource persons:** Prof. G. Radhakrishnamacharya NITW, I. N. Cangul, University of Turkey, V. Kannan, University of Hyderabad (red.)

**Seminars Organized:** NIL

**Webinars attended:** NIL

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

- 1) Dr A. Purnachandra Rao completed a six-week online non-credit course, “What is the Metaverse?” authorized by Meta and offered through Coursera on 11-12-2022. (97.21%)

**d) Programs Organized:**

- 1) **WINGS: Talk Series - 3: “Art of Smart Work”** was organized by the Freshman Engineering Department in association with ISKON for the motivation of all the I B. Tech. students to enhance the Study Skills and the art of relaxed and efficient working among young students on 29th Nov. 2022.

**Speaker:** T. Vimal Kumar, M.Tech, IIT Kharagpur,  
Senior Consultant in an IT Company.

- 2) On the Eve of International Day on Epidemic Preparedness, faculty of life Sciences have organized an “Awareness Programme on Environmental Sustainability” to all the I B. Tech. students on 24-12-22.

**Resource Person:** Dr. M. G. Deva Muni Reddy, Joint Director of Horticulture, A. P.

**2. Guest lectures organized:**

- 1) The Faculty of Physics organized a guest lecture on “**Change-A Requirement in the Competitive World**” for all the I B. Tech. students on 27<sup>th</sup> December 2022.

**Resource Person:** Prof. M. L. Sai Kumar, former Dean Public Enterprises Hyd.

**ANY OTHER INFORMATION**

- 1) **Quiz:** On the eve of “National Mathematics Day”, Faculty of Mathematics, conducted a General Quiz on 20-12-2022 for I B. Tech. Students.

Total No. of Students Participated: 189

Sl. No.	Name of the Team Members	Branch/Sec	Prize	Prize Amount (Rs.)
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1	B. Ajay T. S. R.V. Krishna Koushik K.V.N. Koushik	CSD	I Prize	Rs. 800-00
2	T. Yogitha P. Nikitha U. Harshitha	CSE-3	II Prize	Rs. 700-00
3	K. Lavanya Sri M. Nikath Fatima J. Harshitha	CSE-3	III Prize	Rs. 500-00

**Prize Winners:**

- 2) ECHO Club, initiated by the Faculty of English has conducted a “Spell bee” competition on 24th December 2022.

Program Coordinator: Mrs. P. Lakshmi Lavanya

Total No. of Students Participated: 90

**Prize Winners:**

Sl. No.	Name of the Student	Branch/ Sec	Prize
1	Uma Kureti	ECE-II	I Prize
2	Sk. Farak Fathima	CSM	II Prize
3	Sunayya Sulthana	ECE-II	III Prize
4.	K. Santhi Priya	CSE-II	Consolation

- 1)  
2) Dr. R. Chudamani acted as judge for painting competition held on 2/12/22 at PVPSIT organized by Institute Innovation Council.