

**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 JULY, 2024**

**FACULTY ACTIVITIES**

**a) Publications in refereed Journals:**

**SCI indexed:** NIL

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**Scopus indexed :**

- i. Rehena. Sk, Santha kumari. K, Mani Bacchu, Afsha Jamal, Nidhi Mishra, Hari kumar. B, Rama Devi. A published a paper entitled “Ayn Rand’s Edifice of Dramatic Characters in We the Living” in Theory and Practice in Language studies ISSN No. 1799-2591, Vol. 14. No. 7 (2024) 1981-89. <https://doi.org/10.17507/tpls.1407.04>
- ii. Chinni Mullangi ,Yarlagadda Pavani ,P.bharath ,D.Ramachandran&M.Subba rao published a paper on “Thermodynamic parameters of hexylene glycol with isomeric butanols at various temperatures” in physics and chemistry of liquids pages-305-320 Volume 62, 2024 - Issue 4 <https://doi.org/10.1080/00319104.2024.2306>

**ESCI indexed & UGC-CARE: NIL**

**SCOPUS- Conference Proceedings:NIL**

**b) Patents : 02**

- i. P.Lakshmi Lavanya & Dr.Sk.Rehena published a patent titled “Task-Based Language Teaching (TBLT) for rural engineers: enhancing oral proficiency in civil engineers” on 19/07/2024(INDIAN PATENT) .
- ii. Dr.Sk.Rehena & P.Lakshmi Lavanya published a patent titled “Application of memory strategies to enhance language repertoire of rural background engineering (rbe ) on 19/07/2024 (INDIAN PATENT) .

**c) Projects: NIL**

**d) Books/ Book chapters: NIL**

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

### **Training Programs attended:**

1. Dr. G.Sreedevi attended 6-days Online Short Term Programme on Functional Materials and Devices organized by the Malaviya Mission Teacher Training Center at the Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai during July 1-6, 2024.

Resource persons:

Dr. V. Raghavendra Reddy, Scientist-H, UGC-DAE, Indore Centre

Dr. Y. Ashok Kumar Reddy & Dr. S. Sai Pavan Prashanth, IITDM, Kancheepuram, Chennai

Dr. Isha Yadav, DRDO-SSPL, New Delhi

### **Faculty development programs attended:**

1. Dr. Pavani Peddi, K. Kiran Kumar participated in the UGC-Malaviya Mission Teacher Training Centre-sponsored online short-term course on Lifestyle and Stress Management, organized by Guru Nanak Dev University, Amritsar, from 23.07.2024 to 29.07.2024, and obtained grade A.

#### **Resource persons:**

1. Dr. Parmeet Kaur, Chief Dietician, AIIMS, New Delhi.

2. Dr. Sumiran Passey, MD (Sports Medicine), Senior Consultant, Aktivhealth, New Delhi.

3. Dr. Ejaz Hussain, PhD, Faculty of Allied Health Sciences, SGT University, Gurugram.

4. Prof. Shweta Shenoy, Dean, Faculty of Sports Medicine and Physiotherapy, Guru Nanak Dev University, Amritsar.

5. Dr. Ejaz Hussain, Professor, Faculty of Allied Health Sciences, SGT University, Gurugram

2. Dr. M. Rudrama Devi participated in the UGC-Malaviya Mission Teacher Training Centre-sponsored online short-term course on NEP2020 Orientation and sensitization organized by Banaras Hindu University from 15.07.2024-25.07.2024.

#### **Resource persons:**

**Prof. S. Anand Vardhan, Prof. Deepak Choudhary, BHU, Varanasi.**

3. Dr. N. Usha Rani has participated in the One Week National level Online Faculty Development Program on Outcome Based Education and Application of Generative AI in Teaching and Research, organized jointly by The IQAC of Vasireddy Venkatadri Institute of Technology, Guntur, Andhra Pradesh and The IQAC of Siddaganga Institute Of Technology, Tumkur, Karnataka in association with ipsr solutions limited from 24 July 2024 to 31 July 2024 and has successfully completed all the assessments and secured an A grade.

#### **Resource persons:**

Dr. Mendus Jacob, M.Sc., M.Phil., Ph.D., MIOD, Professor & Director MCA, Marian College, Kuttikkanam (Autonomous). Former Director of School of Applicable Mathematics, M.G. University.

Dr. Sunil Job K.A, M.Sc, M.Ed, M.Phil, Ph.D., RHCE, Associate Professor and Director, Educational Research and Development, Marian College, Kuttikkanam (Autonomous).

Chief of Academic Solutions - IPSR.

Dr. Thomas Varghese, MSc, MEd, PhD, Chair, Finance Program, J R Shaw School of Business, Northern Alberta Institute of Technology, Canada, Subject Matter Expert, Athabasca University, Canada.

**Workshops attended: Nil**

**Conferences/Seminars Attended : Nil**

**Webinars Attended : Nil**

**Guest lectures attended : Nil**

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

**Faculty development programs Organized: NIL**

**Career Development: NIL**

**Training programs: NIL**

**Guest lecture organized: NIL**

**Workshop organized: NIL**

**Seminars Organized: NIL**

**Webinar Organized: NIL**

**Industrial visits organized: NIL**

**g) Papers presented in Seminars / Conferences:**

- i. P.Lakshmi Lavanya has participated & presented a paper entitled “The Influence of English Language Proficiency on Academic Achievement among International Students in Higher Education.” in the International Virtual Conference on Perspectives from Basic Sciences and Humanities-NEC-IVCPBSH-2K24, organised by the Department of Basic Sciences & Humanities, Narasaraopeta Engineering College on 19th & 20th July 2024.
- ii. Dr.N.Usha Rani has presented a paper on “Nanoformulation for Cancer Therapy” in the 2-day International conference on new age technologies In Therapeutics(NTT) held on 1st & 2nd July, 2024 at P.B.Siddhartha college and science, Vijayawada-520010.
- iii. Mr. T. Pullarao has participated and presented a paper entitled “Impact of ZnO doping on micro-structural, optical and luminescence properties of CuO/ZrO<sub>2</sub> nanohybrids” in the International conference on Emerging Multifunctional Materials and Devices for Sustainable Technologies (IEMDST-2024), organized by the Department of Physics, National Institute of Technology -Warangal in association with the Department of Applied Sciences, National Institute of Technology, Goa during July 4th - July 5th 2024.
- iv. Dr. G.Sreedevi has participated and presented a paper entitled “Micro-structural Variations and luminescence behaviour of CuO/ZrO<sub>2</sub> nanohybrids” in the International conference on Emerging Multifunctional Materials and Devices for Sustainable Technologies (IEMDST-

2024), organized by the Department of Physics, National Institute of Technology -Warangal in association with the Department of Applied Sciences, National Institute of Technology, Goa during July 4th - 5th , 2024.

- v. Mrs T. Krishna Sree has participated and presented a paper entitled “Role of Multi functional materials as- flexible variable sensors” in the International conference on Emerging Multifunctional Materials and Devices for Sustainable Technologies (IEMDST-2024), organized by the Department of Physics, National Institute of Technology -Warangal in association with the Department of Applied Sciences, National Institute of Technology, Goa during July 4th - 5th , 2024.

#### **h) Certification programs (NPTEL / Coursera / edX etc.):**

- i. Dr.Shaik Rehena successfully completed and received a passing grade in 30640014x: Conversational English Skills, a course of study offered by TsinghuaX, an online learning initiative of Tsinghua University July 3rd 2024.
- ii. Dr.Shaik Rehena successfully completed and received a passing grade in resilience.01x: Building Personal Resilience: Managing Anxiety and Mental Health a course of study offered by HarvardX, an online learning initiative of Harvard University.July 4th 2024.
- iii. Dr. Rudrama Devi Malempati successfully completed and received a passing grade inJBE-AiW: Just Be Yourself: The Art of Acting in the Workplace, a course of study offered by DavidsonX, an online learning initiative of Davidson College.
- iv. Dr. Rudrama Devi Malempati successfully completed and received a passing grade inMMEC011.x: Effective Communication for Today's Leader a course of study offered by TecdeMonterreyX, an online learning initiative of Tecnológico de Monterrey.
- v. Dr. Rudrama Devi Malempati successfully completed and received a passing grade inUCDNEG01: Introduction to negotiation strategy, a course of study offered by UC Davis, an online learning initiative of University of California, Davis.
- vi. Dr. Rudrama Devi Malempati successfully completed and received a passing grade inEmpowerX: Create Energised and Empowered Teams, a course of study offered by AdelaideX, an online learning initiative of University of Adelaide.
- vii. Dr. Rudrama Devi Malempati successfully completed and received a passing grade inIL4x: Get Beyond Work-Life Balance (Inclusive Leadership Training) a course of study offered by CatalystX, an online learning initiative of Catalyst Inc..


#### **STUDENT ACTIVITIES:**

- i. 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.T.Krishna sree from FED, PVPSIT.
- ii. Co-ordinator: Dr.Pavani Peddi
- iii. 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 29/7/2024.

- iv. Institute innovation council orientation was conducted for I B.Tech students by Dr.V.Jagadish, Professor & HOD,Civil Engineering on 29/7/2024.
- v. UHV Orientation Program was conducted for I B. Tech. Students by Dr. B. Surya Prasad Rao, Assoc. Prof. ECE Dept. on 30/7/2024.
- vi. Disciplinary committee orientation was conducted for I B. Tech. Students by Dr. Ch. Padmanabha Raju, Chairman Disciplinary Committee & HOD, EEE Dept. on 30/7/2024.
- vii. NCC Orientation was given by Lt. Dr. M. Dhadurya Naik for I B. Tech. Students on 31/07/2024.
- viii. NSS Orientation was given by Dr.M.Shyam sundar for I B. Tech. Students on 29/07/2024 and 30/7/2024.
- ix. I B.Tech students visited HEAL Paradise, Aagiripalli on 29/7/2024, 30/7/2024 and 31/7/2024

#### ANY OTHER INFORMATION:

- i. Dr.Sk.Rehena delivered a guest lecture on "Modern Approaches To Develop Effective Communication Skills" at Andhra Loyola College on 12th July, 2024.
- ii. Dr A. Purnachandra Rao acted as a member of the Common BOS meeting held at Bapatla Engineering College, Bapatla on 20<sup>th</sup> July, 2024.
- iii. Mrs.Y.Pavani acted as a Resource person in one day seminar on "To enlighten students minds with human values and knowledge in student induction program " at SRK Institute of Technology on 5.08.2024
- iv. Mrs.Y.Pavani planted and distributed Total 500 plants ( 56 types medicinal plants, Various fruit and flower plants) under the project "అక్షయ హారత జీవనం" (Nirmal Green live Medicine for life) at chinna ogerala and at various places like gosala , edupugallu.....etc Aiming for 100 years of happy life
- v. Mrs.Y.Pavani elected as co-option Member for Z.P.H school at chinna ogirala, Vijayawada

  
(Dr.M.Srilakshmi)

**HOD-FE**

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