

**PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, Kanuru, Vijayawada.**

**Department of Freshman Engineering**

**Paper presentations 2023-2024**

1. Dr. P. Padmaja presented a paper titled Analytical Investigation of Rotary Oscillation Dynamics of Permeable Sphere in Jeffery Fluid under Magnetic Field in the International Conference on Applied Mathematics and Advanced Data Analytics for Industry 5.0 (ICAMADA-2024) organized by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, in association with Indian Society of Remote Sensing (ISRS), Andhra Pradesh & Telangana Society for Mathematical Sciences (APTSMS), and Cyber Security Center of Excellence (CCoE) from April 25 to 27, 2024. (NIRF: 101-150)
2. Dr. Sk. Rehena presented a paper entitled "ELT Through AI Apps - A Paradigm Shift: A Pragmatic Study" in the International Conference on Language, Literature and Culture: Points of Convergence in the Context of NEP 2020 organized by EFLU in collaboration with ICSSR-NERC, Shillong from 16-05-2024 to 17-05-2024.
3. Mr. P Ramakoteswara Rao presented a paper in a two- days International conference on computational innovations and emerging trends (ICCIET-24K) "In prediction of physico - chemical characteristics of Ground water machine learning model "during 4th-5th April,2024 Organized by BVCE. College, Odalarevu, AP-INDIA.
4. Dr. Sk. Rehena Presented a paper in a Two-Day International Conference Transformations and Transitions: Emerging Trends in Literature and Language Studies on March 11th & 12th , 2024 organized by K L University. NIRF RANK-28
5. Mr. T. Pullarao presented a paper in a National Seminar on "Material Science and Characterization Techniques (NSMCT 2024)" held on 07-03-2024 organized by the faculty of physics, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur. The title of the paper is "Influence of Microstructural, optical and Luminescence properties by coupling of CuO with ZrO<sub>2</sub> under hydrothermal method.
6. Dr. V. S. N. Malleswari presented a paper entitled "Some fascinating applications of matrices in Computation, Combinatorics, Cryptography and Chemical Sciences" in the Second International Conference on Advances in Smart Sensor, Signal Processing and Communication Technology (ICASSCT 2024) organized by the Electronics Program, School of Physical and Applied Sciences, Goa University, Goa, India during 22 - 23, March 2024.
7. Dr. V. S. N. Malleswari presented a paper entitled "A brief note on encoding and decoding in cryptography" in the Second International Conference on Advances in Smart Sensor, Signal Processing and Communication Technology (ICASSCT 2024) organized by the Electronics Program, School of Physical and Applied Sciences, Goa University, Goa, India during 22 - 23, March 2024
8. Dr. G. Sreedevi presented a paper entitled Impact of Transition of Metal oxides (TiO<sub>2</sub>, MnO, CuO) On Structural, and Optical properties of Core Shell Hetero structure CdS/Zn<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub> Nano hybrid for LED applications in a Conference on Emerging Trends

in Supramolecular Science and Technology organized by SRM University-AP on 7, 8th March 2024

9. Mrs. T. Krishna Sree presented a paper entitled Significance of Multi - Functional Materials as – Flexible Wearable Sensors in an International Conference on Emerging Trends in supramolecular Science and Technology (ETSST 2024) SRM University – Andhra Pradesh on 7 - 8 March 2024
10. Dr. M. Shyam Sundar has presented a paper titled, “Numerous Barriers in Sports: A Commonality between the Natives of Australia and India” in the UGC Sponsored Global Seminar on Marginality & Multicultural Literary Landscape: Narratives from Australia & India, organized by Centre for Australian Studies, Acharya Nagarjuna University, Guntur, during 26-28 February 2024.
11. Mrs. Y. Pavani present a paper on Physico - Chemical Analysis of Water - Biological solution in the Two Day International conference on chemical and biochemical approaches For Development of Drug Target against Modern Diseases organized by Department of chemistry & Biochemistry of Sri Durga Malleswara Siddhartha Mahila Kalasala, Vijayawada on 28-2-2024 to 29-2-2024
12. Dr. T. Preethi Rangamani participated and presented a paper titled “Examination Of Powdered Coconut Shell Carbon as An Eco-Friendly Water Treatment Technique to Eliminate Heavy Metals from Underground” in the National conference on ‘Nano Materials for Next Generation’, organized by the department of Chemistry and Physics, CSTS Govt. Kalasala, Jangareddigudem, Eluru Dist. held on 5th January 2024.
13. Dr. Podila Padmaja has presented a paper in International Conference on Computational modeling in Science and Engineering & 32 congress of APTSMS organized by the department of Mathematics, National Institute of Technology, Warangal held from 28 to 30 th October, 2023. Title of the paper is Numerical study of a Two-point singularly perturbed boundary value problem using method of reduction of order.
14. Dr P. Padmaja presented a paper on “An incompressible viscous fluid flow past a permeable sphere” on 5 th August 2023 in International Hasankeyf Scientific Research and Innovation Congress at Batman/Turkey.
15. Mrs. P. Lakshmi Lavanya has presented a paper entitled “ Opportunities and Difficulties in the Use of AI Technology for Professional Students' EAP Conversational Skills” in a two day International virtual conference from 6th July to 7th July 20203 organized by department of Basic sciences & Humanities (English), BVRIT Hyderabad college of Engineering for women, (A)Hyderabad, Telangana, India.
16. Dr. Sk. Rehena has presented a paper entitled “A study on ICT based English language Teaching/Learning” in a two day International virtual conference from 6th July to 7th July 20203 organized by department of Basic sciences & Humanities (English), BVRIT Hyderabad college of Engineering for women,(A)Hyderabad, Telangana, India

17. Dr. T. Vidyullatha Presented a paper on Effective Use of AI as a Digital Tool in Teaching and Learning English Language conducted by NEC Narsaraopet on Two day International Virtual Conference 26th and 27th May 2023.
18. Dr. T. Vidyullatha Presented a paper on Savings and Investment Pattern of Bank Employees in the 3rd International conference in Global Issues on Multidisciplinary Academic Research 19 March 2023.

Attended:

1. Mrs. P. Lakshmi Lavanya has participated in the three day international Young researchers conference organized by the dept. of English literature, school of Literary studies, EFL University, Hyderabad from 26 to 28 April, 2023.

