



VISHNU
UNIVERSAL LEARNING

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ELECTRICAL & ELECTRONICS ENGINEERING

NEWS LETTER

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Vishnu Institute of Technology
(Autonomous)

Vishnupur, Bhimavaram
A.P-534202

VISION OF THE DEPARTMENT

To be recognised as a Centre of Excellence in the field of Education and Research so as to produce Competent & Ethical Engineers capable enough to contribute to the society.

MISSION OF THE DEPARTMENT

- To develop innovative, efficient and proficient electrical engineers.
- To keep the curriculum industry friendly, with due regard to the University curriculum.
- To be a place for innovative blended learning and entrepreneurship development in multidisciplinary areas
- To promote ethical and moral values among the students so as to make them emerge as responsible professionals.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO1: To produce Electrical and Electronics Engineering graduates who have strong foundation in Mathematics, Sciences and Basic Engineering.

PEO2: To develop problem-solving abilities, technical competency and proficiency in modern engineering tools through hands-on laboratory experience and innovative projects.

PEO3: To prepare graduates for successful careers in industry, research or higher education, empowering them to excel in diverse engineering and technology-related fields or become entrepreneurs.

PEO4: To inculcate in students professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to relate engineering issues to broader social context through life-long learning.

GALVANISM

RESEARCHES DAY CELEBRATIONS



The Researchers Day event organized by the Department of Electrical & Electronics Engineering was successfully held on 27/06/2023. The event aimed to promote a research culture, foster collaboration, and provide a platform for knowledge exchange and skill development.

Convener:

Dr. R.V.D Rama Rao , Professor & HOD

Program Coordinator:

Dr. Idamakanti Kasireddy, Associate Professor

Chief Guest profile:

Dr.T..Ramesh
National Institute of Technology, Tadepalligudem, AP

Development Of Solar Panel Cleaning Machine



The Department of Electrical and Electronics Engineering (EEE) at Vishnu Institute of Technology is excited to announce that it will provide Technical Consultancy Support for SPREN ENERGY (P) LTD, Hyderabad, in the development of a Solar Panel Cleaning Machine. The Consultancy Agreement has been signed, and the project, with a sanctioned amount of Rs. 90,000, will be initiated shortly.

Mr. B. N. Ch. V. Chakravarthi, Associate Professor of EEE, will serve as the Principal Investigator. The project is set to be completed in 45 days, contributing to the advancement of renewable energy solutions.

REAL- TIME APPLICATIONS IN IOT



The Department of Electrical and Electronics Engineering has organised a guest lecture on "real-time applications in IoT" on 18-08-2023.

The resource person was Mr. Guruprasad Ramarao, General Manager-Marketing, Electrohms. Pvt. Ltd. He shared his Industrial expertise and inspired the students to launch their own businesses. The target audience for the guest lecture was third-year B. Tech students and the faculty of the Department of Electrical and Electronics Engineering

Student Publications



- S. K. P, S. S. Duvvuri, S. D. K. Varma, D. P. Garapati, O. Koduri and **V. S. N. Narasimha Raju**, "Ultra-Gain DC-DC Converter fed 3- Φ Inverter for Variable-Speed Drive Applications," *2023 IEEE 3rd International Conference on Smart Technologies for Power, Energy and Control (STPEC)*, Bhubaneswar, India, 2023, pp. 1-6, doi: 10.1109/STPEC59253.2023.10431328.
- Kumar, A. Dash, A.P. Ray, A.K. Sethy, P. and **Kasireddy, I.** (2023), "Unsteady mixed convective flow of hybrid nanofluid past a rotating sphere with heat generation/absorption: an impact of shape factor", *International Journal of Numerical Methods for Heat & Fluid Flow*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/HFF-03-2023-0129>
- D. G. Kumar, V. S. Nagineni, D. S. Malleswara Rao, **K. Idamakanti**, B. T. Bacha and K. Karunanithi, "Modelling of a Novel Eight Switch 15-Level Asymmetric Inverter for PV Sources," *2023 International Conference on Energy, Materials and Communication Engineering (ICEMCE)*, Madurai, India, 2023, pp. 1-6, doi: 10.1109/ICEMCE57940.2023.10434269.
- K. P. Swaroop, S. S. Duvvuri, S. D. K. Varma, D. P. Garapati, O. Koduri and **V. S. N. NarasimhaRaju**, "Poly phase DC-DC Boost Converter fed 3- Φ Inverter for Induction Motor Drives," *2023 IEEE 3rd International Conference on Smart Technologies for Power, Energy and Control (STPEC)*, Bhubaneswar, India, 2023, pp. 1-6, doi: 10.1109/STPEC59253.2023.10431175.



Placements

Company Name	Number of Students placed
Virtusa	5
Cognizant	7
Accenture	17
Torry Harris	5
Infosys	3
TCS	11
Urjanet	2
Genpact	2
Latent view	1
KPIT Technologies Ltd	2
Academor	9
Wipro Pari	1
Kaar Technologies	1
MuSigma	1
Automotive Test Systems	1
Global Foundries	1
Qualizeal	3
CPZTech Private limited	1