



VISHNU
UNIVERSAL LEARNING

Editorial Board

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ELECTRICAL & ELECTRONICS ENGINEERING

NEWS LETTER

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Inside this issue

Guest Talk	3
Spark Tank 2024	4
TIE GRAD 2024	5
Publications	6
Placements	7

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

GUEST TALK



Department of Electrical and Electronics Engineering hosted a guest talk on July 9, 2024, from 3.00pm. to 4.30p.m Our esteemed speaker, Mr. B. Swamy from TAFE Industry, Chennai, delivered an insightful lecture on "Industry Insights and Significance of MATLAB in Electrical & Electronics Engineering" for our second and third-year students. Mr. Swamy discussed the significant applications of MATLAB in the engineering field and shared valuable insights on career opportunities in core industries. The session concluded with an engaging Q&A segment, where students actively interacted with the guest speaker.

SPARK TANK 2024



We are proud to announce that the innovative project of the department of Electrical and Electronics Engineering has emerged as a victorious at the National Level Competition SPARK TANK 2024 in VIT, Bhimavaram. The winning project focuses on automating monitoring of power factor and contract maximum demand technology, which are essential for ensuring efficiency in large-scale industries. The team has won the prestigious first prize and been awarded a cash prize of Rs.40,000/

Students Team

- 1) M Sai Srinivas
- 2) S Sai Vamsi Krishna
- 3) V Hema Sri
- 4) Ch Vamsi krishna
- 5) M Sai Koushik
- 6) P Sai Kreethi
- 7) P.Srinu

Mentor:

Dr. V S N Narshima Raju

Assoc. Professor, Dept. of EEE

TIE GRAD 2024



The Team Green Fusion IOT from the Department of Electrical and Electronics Engineering, Vishnu Institute of Technology, Bhimavaram has emerged as the Winner of Tie-Grad 2024 and secured a cash prize of Rs.1,00,000. Also, an Elevator Pitch Competition Wons an additional Rs.10,000 reward and earned an incredible opportunity to participate in TIE Global, USA.

Mentor:

Dr.V S N Narshima Raju Assoc. Professor, Dept. of EEE

Student Team:

Mukkavalli Sai Srinivas (III-EEE 22PA1A0243)

Sangepu Sai Vamsi Krishna (III -EEE 22PA1A0251)

Golakoti Mohan Rama Srinivas (III-CSE 23PA5A0510)

Kummari Avinash (III-CSE 22PA1A0586)

Peddi saiKeerthi (III-EEE 22pa1a0247)

Varre Hemasri (II-EEE 23pa1a0259)

Majeti Sai Koushik (II-EEE 23pa1a0238)

Palavalasa Srinu (II-EEE 23PA1A0249)

Ch.vamsi Krishna (II-EEE 23pa1a0210)

Publications



- Deenakonda, Mamatha, VV Vijetha Inti, BN Ch V. Chakravarthi, Ch Rajyalakshmi, Y. T. R. Palleswari, A. Siva, and M. Kethan Sai Pranay. "Sustainable Parking Innovations: Enhancing Security with IoT and Facial Image Recognition." In IOP Conference Series: Earth and Environmental Science, vol. 1375, no. 1, p. 012031. IOP Publishing, 2024.
- Karthikkumar, S., P. Devendrakumar, R. S. Nadish, P. Shanmathi, Pragaspathy Subramani, and R. Chandrasekaran. "Efficient High-Gain Voltage Converter Design Utilizing ASL & PSC Networks for Low-Voltage Renewable Energy Integration." In 2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE), pp. 1-8. IEEE, 2024.
- Palleswari, Y. T. R., A. Siva, K. Kalyan Sagar, B. Ramu, Mamatha Deenakonda, and V V Vijetha Inti. "11-Level Cascaded half-bridge Multilevel inverter with Capacitor Switched Technology for Photovoltaic Systems." In IOP Conference Series: Earth and Environmental Science, vol. 1375, no. 1, p. 012027. IOP Publishing, 2024.
- Korlepara, NSD Prakash, VSN Narasimha Raju, P. V. V. Satyanarayana, V. Sunil Kumar, Y. Jahnavi Priya, and D. Harsha Vardan. "Real-Time Precision Irrigation System for Optimal Crop Yield and Water Conservation." In IOP Conference Series: Earth and Environmental Science, vol. 1375, no. 1, p. 012019. IOP Publishing, 2024.



Placements

Company Name	Number of Students placed
Capgemini	4
Tech Mahindra	4
Accenture	1
KPIT	6
Hyundai Motors	2
TCS	5
STEAG	2
Colorshine	2
Mahindra & Mahindra	3
SHV Energy	2
Saint Gobain	1
ISIE INDIA	1
ADAPS Pega	2
Netenrich	1