



"The journey of
a thousand
miles begins
with a single
step"



DEPARTMENT

Vision

To be a progressive and advanced centre where Electrical engineering students will be provided quality technical knowledge and skill to meet the current and future Electrical engineering challenges, serving the society.

Mission

M1: To impart quality electrical engineering education blended with contemporary and interdisciplinary skills.

M2: To provide enhanced learning facilities and professional collaborations to impart a culture of continuous learning.

M3: To Develop a solid foundation in electrical engineering, fostering adaptability and pursuit of advanced learning.

M4: To involve in trainings and activities on communication skills, teamwork, Professional ethics, environmental protection and sustainable development.

Chief- Editors

Patrons

- Dr. T. MOHANTY
- Mr. S. K.ROUT
- Dr.P.R.TRIPATHY
- Mr. A. K.BEHERA

- Mrs. S.S.PATTANAİK
- Dr. S.K.BHATTA

MESSAGE FROM THE DESK OF HOD



I congratulate the **Electrical Engineering Department** on the release of their newsletter focusing on “***The Role of AI in Electric Vehicle Enhancement***” Your dedication and collaborative spirit are evident in the way you’ve embraced cutting-edge technologies to explore the intersection of artificial intelligence and sustainable mobility. From advancing AI-driven battery systems to optimizing EV performance, your work reflects a strong commitment to innovation and academic excellence. These efforts not only elevate the department’s technical profile but also contribute meaningfully to industry-ready solutions. Keep up the outstanding work, and may your journey in AI-driven EV research continue to lead the way in shaping the future of smart transportation



Mr. A. K. BEHERA

[HOD, EE]



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FACULTY ACHIEVEMENT



- **Mrs. Sushree. Samikshya Pattanaik**

On behalf of the Electrical Engineering Department, we extend our heartfelt congratulations to Dr. Sushree Samikshya Pattanaik on being awarded the Higher Degree (HD). This significant achievement is a reflection of her dedication, academic rigor, and commitment to excellence. The department takes great pride in her accomplishments and looks forward to her continued contributions in advancing teaching, research, and innovation in the field of electrical engineering.



Published Papers

Mrs. S. S. PATTANAIAK

- S. S. Pattanaik et al., "Python Based Machine Learning for Predictive Maintenance in Wind Farms," 2024 10th International Conference on Electrical Energy Systems (ICEES), Chennai, India, 2024, pp. 1-5, doi: 10.1109/ICEES61253.2024.10776897.

Mr. S.K. Bhatta

- S. K. Bhatta, S. Mohapatra, S. C. Swain, A. A. Gokhale, R. Dash and S. R. Nayak, "Analysis of Thermoelectric Generator Integrated Photoelectric Hybrid Setup in Microgrid Environment Based on Temperature Aspects," 2024 IEEE 4th International Conference on Applied Electromagnetics, Signal Processing, & Communication (AESPC), Bhubaneswar, India, 2024, pp. 1-7, doi: 10.1109/AESPC63931.2024.10872006.

Poster Presentation



The Electrical Engineering Department congratulates KP Electrical for successfully organizing the Poster Presentation Event. It was a great platform for students to showcase their innovative ideas and technical skills.



The Electrical Engineering Department appreciates the successful organization of the Usha Exhibition, a platform that beautifully blended creativity with technical skill.

Students showcased innovative ideas and hands-on craftsmanship using Usha machines, reflecting both artistic flair and engineering precision.





CONGRATULATIONS



CHINMAYA BEHERA
Mechanical Engg



BIMLENDU KUMAR
Civil Engg



KIRTI BISWAS
Electrical Engg



**KAMAL KAPIL CHANDRA
DASH**
Mechanical Engg



SOURAV KUMAR DASH
Mechanical Engg



GOUTAM PASWAN
Electrical Engg

Placed:

VOLTAS

We are proud to announce that students from the KP Electrical Department have been successfully placed in Voltage Company, a reputed name in the industry. This achievement reflects the students' strong technical foundation, consistent efforts, and the department's commitment to excellence in skill development and industry readiness. Congratulations to all selected students and best wishes for a bright professional journey ahead.

PAINTING COMPETITION

The Electrical Engineering Department applauds the collective effort of all departments in organizing a successful Painting Competition. The event highlighted the creativity and talent of our students across disciplines. Congratulations to all participants and organizers for a truly inspiring and collaborative celebration of art.



EXPOSURE VISIT

Students of Adarsh Vidyalay, Digapahandi on exposure visit at KIIT on 11th December 2024.





The Inter Branch Gully Cricket Match-2024 took place at KIIT Polytechnic on 07/12/2024, with the Electrical Branch emerging as the champion and the Computer Science Branch securing the runners-up trophy, which were presented by Prof. Samaresh Mishra, Director Students Affairs, KIIT DU in presence of Principal & all members of KP.



STUDENT ACHIEVEMENT

In a mega project expo hosted by Deans club, in a motive to showcase creations for Viksit Bharat, students of KIIT Polytechnic bagged 1st and 2nd prize in model competition.

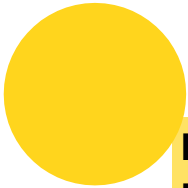


STAR PERFORMERS



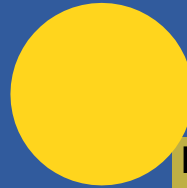
"Don't be afraid to fail. Be afraid not to try"

3rd YEAR |



KIRTI BISWAS
PRATYUSH KUMAR

2nd YEAR |



NISHI KUMARI
AMIT KUMAR ROY