



2025 – 2026

PURNEA COLLEGE OF ENGINEERING, PURNEA.

DEPARTMENT OF ELECTRICAL ENGINEERING

IMPULSE

ANNUAL DEPARTMENT MAGAZINE

IDEAS / INNOVATION / IMPACT



JULY 2025 – JUNE 2026

*Powering
Tomorrow
Together*





About the Institute

Purnea College of Engineering (PCE), Purnea is one of the premier government engineering colleges in Bihar, functioning under Bihar Engineering University (BEU), Patna. The institute is committed to providing quality technical education and promoting research, innovation, and entrepreneurship among students.

Vision of the Institute

To consistently strive for excellence in engineering education by producing skilled, trained, and knowledge-driven engineers who fit into the current and future requirements of industries, organizations, and society, thereby contributing to the growth of the country.

Mission of the Institute

- To improve teaching-learning process while making the existing curriculum more contemporary and in keeping with the requirements of the industry.
- To create an environment for fostering research and development.
- To develop students' soft skills, ethical values, leadership qualities, reasoning and analytical abilities and motivate them to address engineering needs of neighbors.

Vision of the Department

To produce competent electrical engineers with a focus on research, creative minds, innovative ideas, and practical skills for the betterment of mankind.

Mission of the Department

- Impart quality technical education and theoretical foundations.
- Foster research, innovation, and practical aspects in the field of Electrical Engineering.
- Inculcate ethical values and leadership development for creating successful engineers.





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PRINCIPAL'S MESSAGE



Prof. (Dr.) Manoj Kumar

Principal

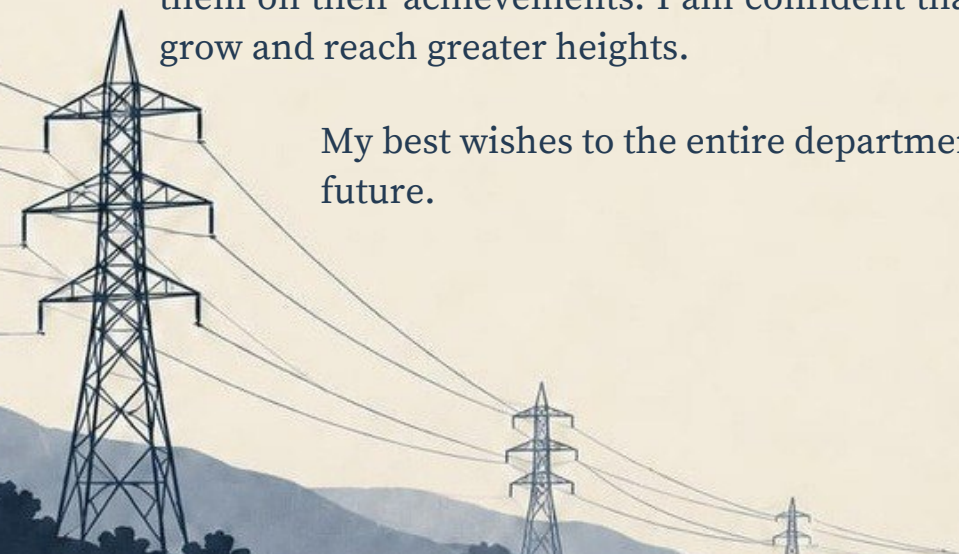
Professor, Department of Electrical Engineering

It is a matter of great pleasure to see the Department of Electrical Engineering at Purnea College of Engineering progressing steadily through the collective efforts of its dedicated faculty and enthusiastic students. The department has demonstrated commendable performance in academics, technical activities, projects, internships, and other areas of student development.

A strong and committed faculty plays an important role in nurturing young minds and providing students with the knowledge, practical skills, and professional values needed to become competent electrical engineers. At the same time, the curiosity, participation, and hard work of students continue to strengthen the department and contribute to its growth.

I sincerely appreciate the efforts of the faculty and students and congratulate them on their achievements. I am confident that the department will continue to grow and reach greater heights.

My best wishes to the entire department for a bright and successful future.





HOD'S Message



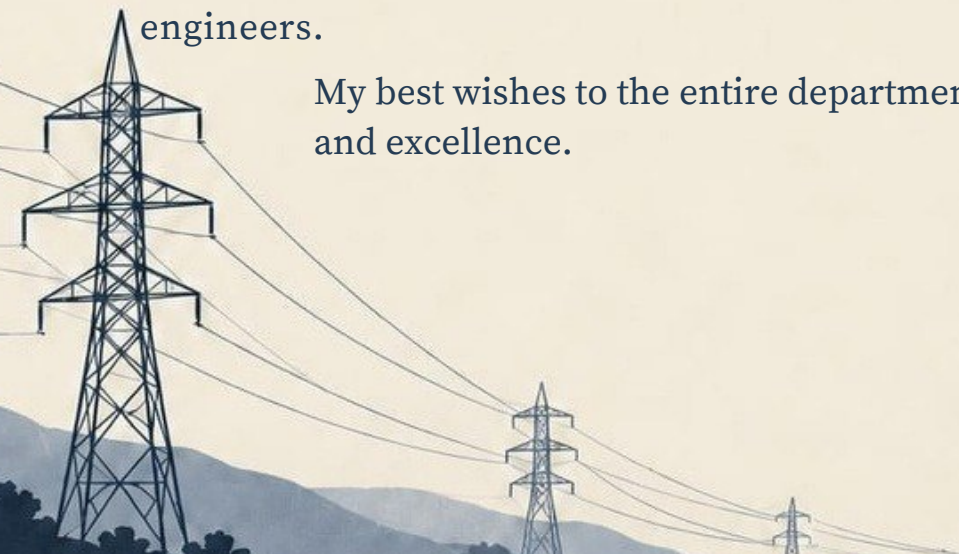
Dr. Ajay Kumar
Assistant Professor,
Department of Electrical Engineering

It gives me immense satisfaction to see the Department of Electrical Engineering at Purnea College of Engineering making steady progress through the combined efforts of our faculty and students. Over the past year, we have focused on strengthening theoretical knowledge and practical skills through laboratory work, technical projects, internships, industrial exposure, and participation in technical competitions.

Our dedicated faculty continuously work to build strong fundamentals in core areas such as Electrical Machines, Power Systems, Control Systems, Power Electronics, Renewable Energy, and Electrical Measurements, while encouraging students to explore emerging technologies and innovative solutions.

I am proud of the enthusiasm, dedication, and achievements of our students and appreciate the continuous efforts of our faculty. Together, we are working towards developing skilled, competent, and industry-ready electrical engineers.

My best wishes to the entire department for continued growth and excellence.





Prof. Priyanka Rani
Assistant Professor,
Department of Electrical Engineering

It is a pleasure to present IMPULSE 2025-26, a collection of the ideas, efforts, achievements, and creativity of our students and faculty.

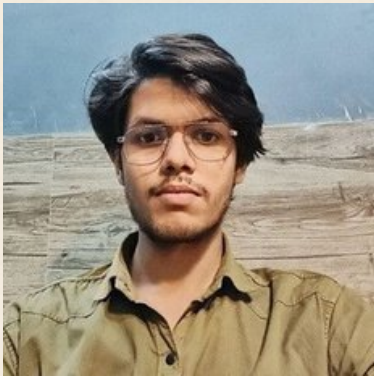
As the Faculty In-Charge, I have had the opportunity to work closely with students in bringing their experiences, technical work, projects, and achievements together in one platform. From IoT prototypes and technical projects to internships, placements, competitions, and departmental activities, every contribution represents a step in the learning journey of our students.

This magazine is not just about what we achieved during the year, but also about the curiosity and enthusiasm behind those achievements. I sincerely appreciate everyone who contributed to making.

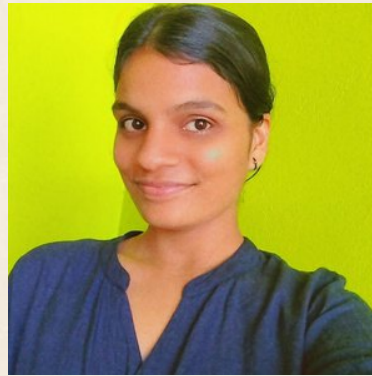
IMPULSE 2025-26 a meaningful reflection of our department.

I hope you enjoy reading it as much as we enjoyed creating it.

EDITORIAL



Ashish Kumar
Student Editor
IMPULSE 2025-26



Saloni Kumari
Student Editor
IMPULSE 2025-26



Aman Kumar
Student Editor
IMPULSE 2025-26

IMPULSE 2025-26 is more than just a departmental magazine; it is a collection of the moments, ideas, efforts, and achievements that made this academic year memorable.

As a student editor, it has been a wonderful experience to bring together the work and voices of our fellow students. From technical projects and competitions to events, activities, and everyday college memories, every contribution adds something unique to this edition.

Creating IMPULSE has been a journey of learning, teamwork, creativity, and countless small efforts behind the scenes. I am grateful to everyone who shared their work, supported the editorial team, and helped turn this idea into reality.

I hope you enjoy going through these pages and find a little piece of our college life in them.

PCE PURNEA

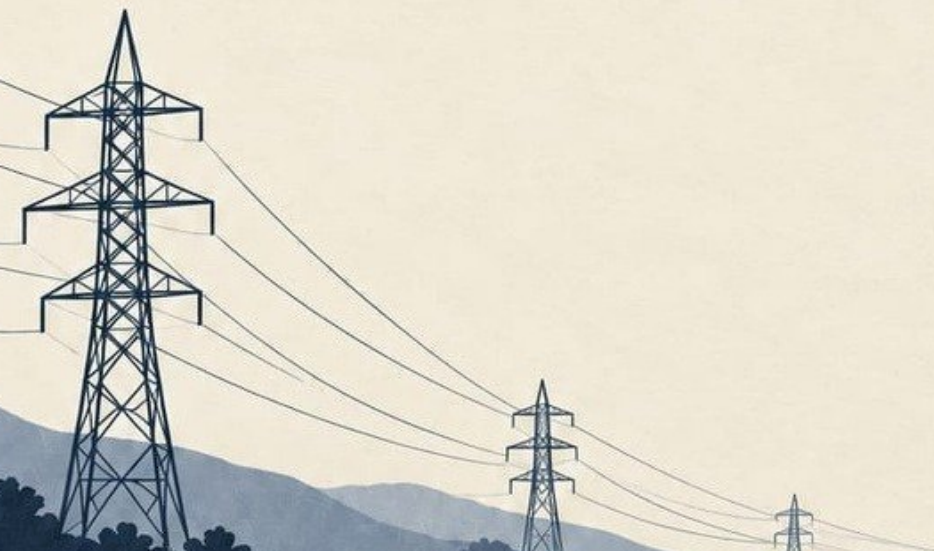
DEPARTMENT OF ELECTRICAL
ENGINEERING

IMPULSE

2025 – 2026



FACULTY DETAILS
ELECTRICAL DEPARTMENT





Faculty Member



Prof. (Dr.) Manoj Kumar
Professor (Principal)



Dr. Ajay Kumar
Assistant Professor (HOD)



Prof. Manoj Kumar Rajak
Assistant Professor



Prof. Md. Amjad Ali
Assistant Professor



Prof. Piyush
Assistant Professor



Faculty Member



Prof. Priyanka Rani
Assistant Professor



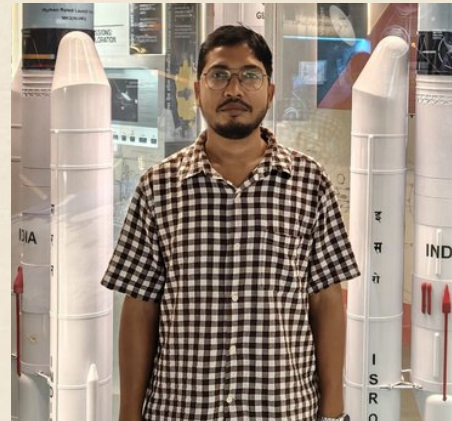
Prof. Satyam Kumar Singh
Assistant Professor



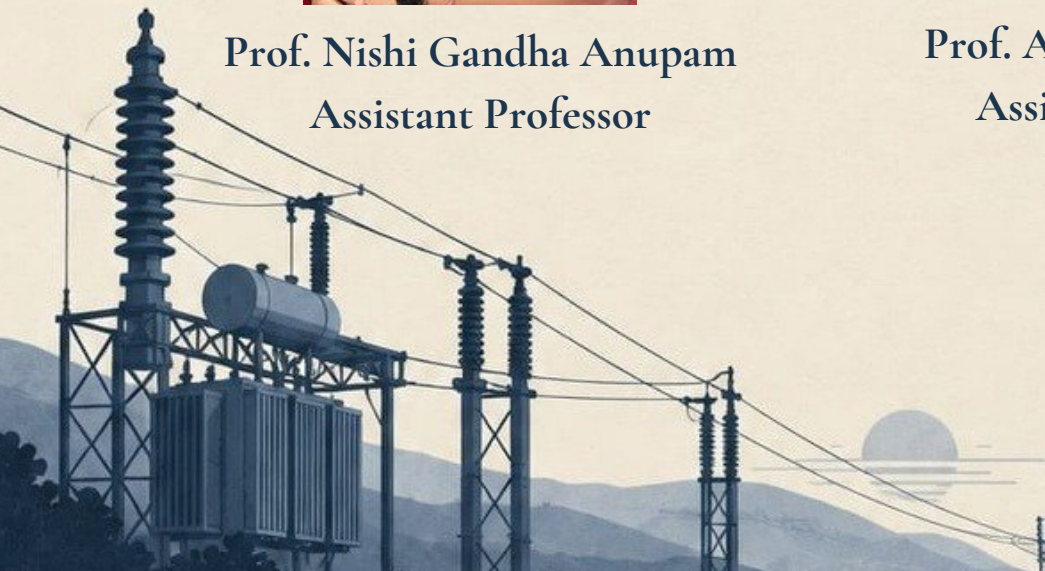
Mr. Tabish Shanu
Assistant Professor



Prof. Nishi Gandha Anupam
Assistant Professor



Prof. Abhimanyu Kumar
Assistant Professor



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ENGINEERING



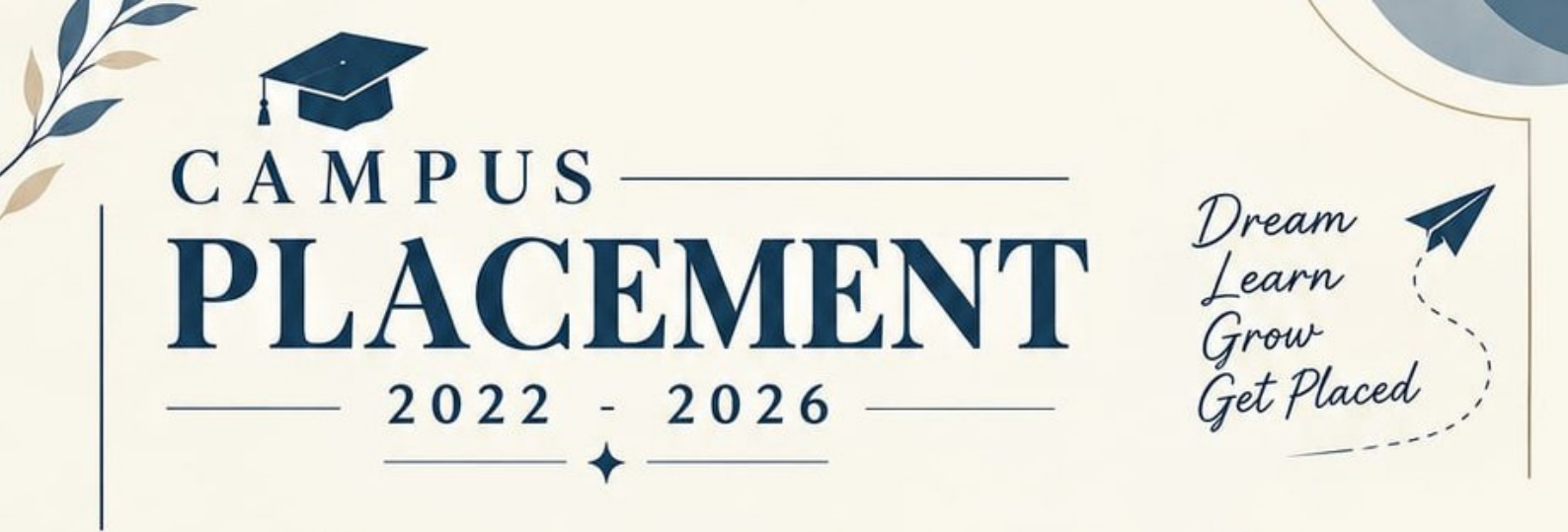
PLACEMENT SECTION



DREAM • PREPARE • ACHIEVE

2025 - 2026





CAMPUS PLACEMENT

2022 - 2026

*Dream
Learn
Grow
Get Placed*



37

STUDENTS PLACED



3

RECRUITING
COMPANIES



6 LPA

HIGHEST PACKAGE

◆ PLACEMENT HIGHLIGHTS ◆

QSpiders

10

STUDENTS SELECTED

**Rane Steering System
Ahmedabad**

25

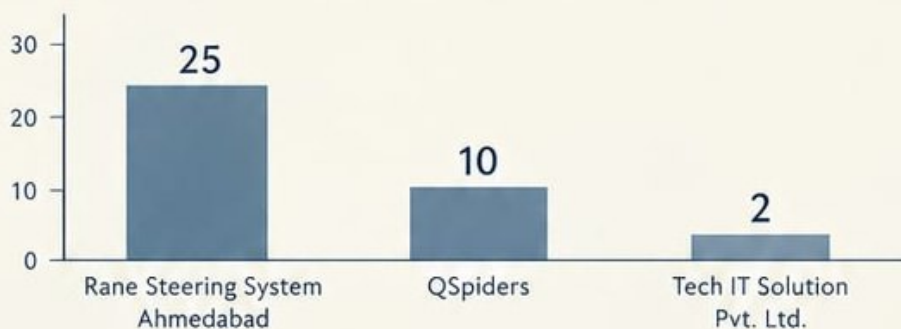
STUDENTS SELECTED

**Tech IT Solution
Pvt. Ltd.**

2

STUDENTS SELECTED

STUDENTS SELECTED (COMPANY-WISE)



*New Opportunities
New Beginnings
Bright Futures*



On Campus
PLACEMENT

PURNEA COLLEGE OF ENGINEERING, PURNEA
ELECTRICAL DEPARTMENT

 S. No.	 Student Name	 Company / Institution
1.	Ankit Raj Prince	Q-Spider [For Incubation]
2.	Parmeshwari Bharti	Q-Spider [For Incubation]
3.	Rohit Kumar	Q-Spider [For Incubation]
4.	Anubhav kumar	Q-Spider [For Incubation]
5.	Nisha Kumari	Q-Spider [For Incubation]
6.	Ashish Aman	Q-Spider [For Incubation]
7.	Muskan Kumari	Q-Spider [For Incubation]
8.	ANSHU PRIYA	Q-Spider [For Incubation]
9.	Soni Priya	Q-Spider [For Incubation]
10.	Suman Kumar	Q-Spider [For Incubation]
11.	Pankaj Kumar	Rane Steering Systems, Ahmedabad
12.	Sahil Raj	Rane Steering Systems, Ahmedabad

Building Bright Futures
THROUGH OPPORTUNITIES

On Campus
PLACEMENT

PURNEA COLLEGE OF ENGINEERING, PURNEA

ELECTRICAL DEPARTMENT

 No.	 Student Name	 Company / Institution
13.	Abhinay Kumar	Rane Steering Systems, Ahmedabad
14.	Vikas Kumar	Rane Steering Systems, Ahmedabad
15.	Ankit Kumar	Rane Steering Systems, Ahmedabad
16.	Soni Priya	Rane Steering Systems, Ahmedabad
17.	Rohit Kumar	Rane Steering Systems, Ahmedabad
18.	Khushi Anand	Rane Steering Systems, Ahmedabad
19.	Raj Lakshmi	Rane Steering Systems, Ahmedabad
20.	Ashish Aman	Rane Steering Systems, Ahmedabad
21.	Priyansh Bharti	Rane Steering Systems, Ahmedabad
22.	Ankit Raj Prince	Rane Steering Systems, Ahmedabad
23.	Sakshi Suman	Rane Steering Systems, Ahmedabad
24.	Manish Kumar	Rane Steering Systems, Ahmedabad

Building Bright Futures

THROUGH OPPORTUNITIES

On Campus PLACEMENT

PURNEA COLLEGE OF ENGINEERING, PURNEA

ELECTRICAL DEPARTMENT

 S. No.	 Student Name	 Company / Institution
25.	Silki Kumari	Rane Steering Systems, Ahmedabad
26.	Monu Kumari	Rane Steering Systems, Ahmedabad
27.	Nisha Kumari	Rane Steering Systems, Ahmedabad
28.	Anshu Priya	Rane Steering Systems, Ahmedabad
29.	Muskan Kumari	Rane Steering Systems, Ahmedabad
30.	Anushka Singh	Rane Steering Systems, Ahmedabad
31.	Anubhav Kumar	Rane Steering Systems, Ahmedabad
32.	Aman chaudhary	Rane Steering Systems, Ahmedabad
33.	Abhay Kumar	Rane Steering Systems, Ahmedabad
34.	Neha Kumari	Rane Steering Systems, Ahmedabad
35.	Satimala Kumari	Rane Steering Systems, Ahmedabad
36.	Ashish Aman	Techvein IT Solution Pvt. Ltd.
37.	Anubhav kumar	Techvein IT Solution Pvt. Ltd.

Building Bright Futures

THROUGH OPPORTUNITIES

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ENGINEERING



FACULTY ACHIEVEMENT



RECOGNIZING DEDICATION
INSPIRING TOMORROW





S. No.	Name	Publication List	Year
1	Manoj Kumar	Microwave treated GaAs-based structure and its acoustoelectric transient spectroscopy — Journal — International Journal of Engineering Science and Mathematics — ISSN: 2320-0294 — Scopus — Volume 15, Issue 01	2025
2	Manoj Kumar Rajak	Microwave treated GaAs-based structure and its acoustoelectric transient spectroscopy — Journal — International Journal of Engineering Science and Mathematics — ISSN: 2320-0294 — Scopus — Volume 15, Issue 01	2025
3	Md. Amjad Ali	Intelligent Energy Management In Smart Grid-Connected Microgrids Using AI Techniques — Journal — JOURNAL OF APPLIED BIOANALYSIS — ISSN 2405-710X — DOI: 10.53555/jab.v11si6.2846 — Scopus — Vol. 11, No. 6s	2025
4	Piyush	Intelligent Energy Management In Smart Grid-Connected Microgrids Using AI Techniques — Journal — JOURNAL OF APPLIED BIOANALYSIS — ISSN 2405-710X — DOI: 10.53555/jab.v11si6.2846 — Scopus — Vol. 11, No. 6s	2025
5	Priyanka Rani	Intelligent Energy Management In Smart Grid-Connected Microgrids Using AI Techniques — Journal — JOURNAL OF APPLIED BIOANALYSIS — ISSN 2405-710X — DOI: 10.53555/jab.v11si6.2846 — Scopus — Vol. 11, No. 6s	2025
6	Satyam Kumar Singh	Intelligent Energy Management In Smart Grid-Connected Microgrids Using AI Techniques — Journal — JOURNAL OF APPLIED BIOANALYSIS — ISSN 2405-710X — DOI: 10.53555/jab.v11si6.2846 — Scopus — Vol. 11, No. 6s	2025
7	Nishi Gandha Anupam	Intelligent Energy Management In Smart Grid-Connected Microgrids Using AI Techniques — Journal — JOURNAL OF APPLIED BIOANALYSIS — ISSN 2405-710X — DOI: 10.53555/jab.v11si6.2846 — Scopus — Vol. 11, No. 6s	2025
8	Abhimanyu Kumar	Intelligent Energy Management In Smart Grid-Connected Microgrids Using AI Techniques — Journal — JOURNAL OF APPLIED BIOANALYSIS — ISSN 2405-710X — DOI: 10.53555/jab.v11si6.2846 — Scopus — Vol. 11, No. 6s	2025
9	Tabish shanu	A Time-Current Loci Approach for Accurate Identification of Inrush and Inter-Turn Fault Conditions in Transformers — Conference — IEEE Conference — ISBN:979-8-3315-8359-0 — DOI: https://doi.org/10.1109/NE-IECCCE69680.2026.11666439 — IEEE	2026
10	Tabish shanu	A Robust Hybrid Coherence Estimator for Reliable and Early Identification of Low-Severity Inter-Turn Faults in 3- ϕ IM — Conference — IEEE Conference — ISBN:979-8-3315-8359-0 — DOI: https://doi.org/10.1109/NE-IECCCE69680.2026.11666414 — IEEE	2026





Achievement



1. Dr. Ajay Kumar Expert talk : National Workshop on Green Technology: Smart grid, EVs and Renewable Energy (August 22-24, 2025) sponsored by BCST organized by Supaul College of Engineering

2. Expert talk : One week National Workshop on Empowering the Future: Power Electronics, Electric Vehicle and Energy Storage System (February 23-28, 2026) sponsored by BCST organized by Supaul College of Engineering

3. Expert Member: Three day's hands on training workshop on RENEWABLE ENERGY: The pathway for energy sustainability and fuel crisis mitigation (16-18 may 2026) organized by BPMCE Madhepura



4. Nominated as Selector, Purnea District-Level Volleyball Games (U-14, U-17 & U-19), 12-14 September 2024.

5. FACULTY Co-ordinator for Science Mela 2025



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Prof. Priyanka Rani
Assistant Professor,
Department of Electrical Engineering



AWARDS & HONORS

UMANG 2026 • STATE LEVEL

Gold Medal — Carrom

Silver Medal — Table Tennis (TT)

UMANG 2026 • DIVISIONAL LEVEL

Gold Medal — TableTennis(TT)

Gold Medal — Volleyball

Silver Medal — Carrom



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INDUSTRIAL VISIT/ EDUCATIONAL TOURS



IMPULSE

2025 - 2026





SOUTH BIHAR POWER DISTRIBUTION COMPANY LIMITED

Electric Supply Division, Biharsharif (Rural)

Participants: B.Tech Electrical Engineering, 2024 Batch

Semester: III Semester

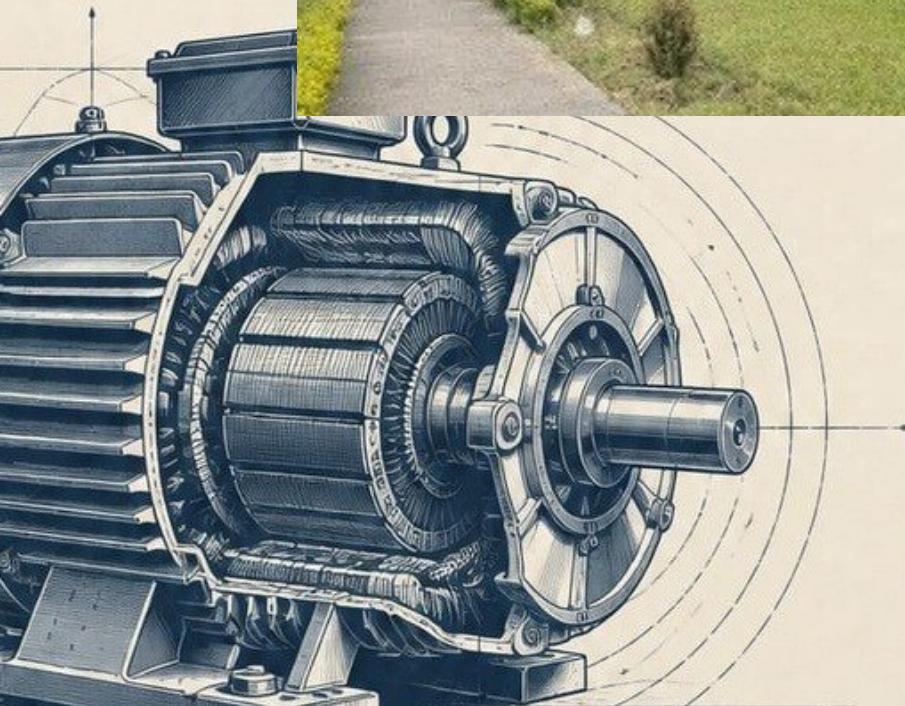
A group of students participated in an internship at South Bihar Power Distribution Company Limited (SBPDCL), Biharsharif (Rural), gaining practical exposure to power distribution systems, electrical equipment, field operations, metering, maintenance, and electrical safety practices.





A Students visited NTPC Kahalgaon EDC, gaining firsthand insight into thermal power generation, plant machinery, control systems, and the operational aspects of a large-scale power plant.

NTPC kahalgaon



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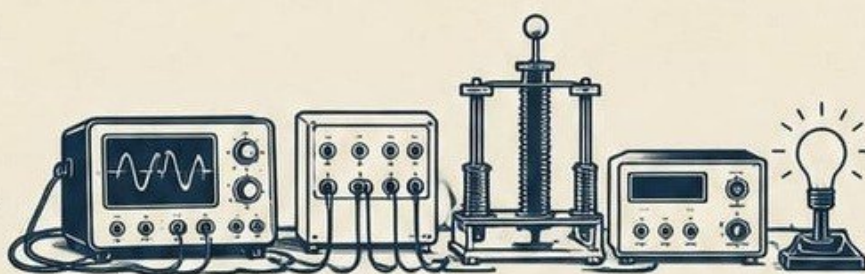


A group of students participated in a learning internship with the Indian Railways during their third semester. The internship provided them with valuable practical exposure to railway operations, electrical systems, and real-world engineering practices. It was a great opportunity for students to connect their academic knowledge with practical applications and gain valuable industry experience.



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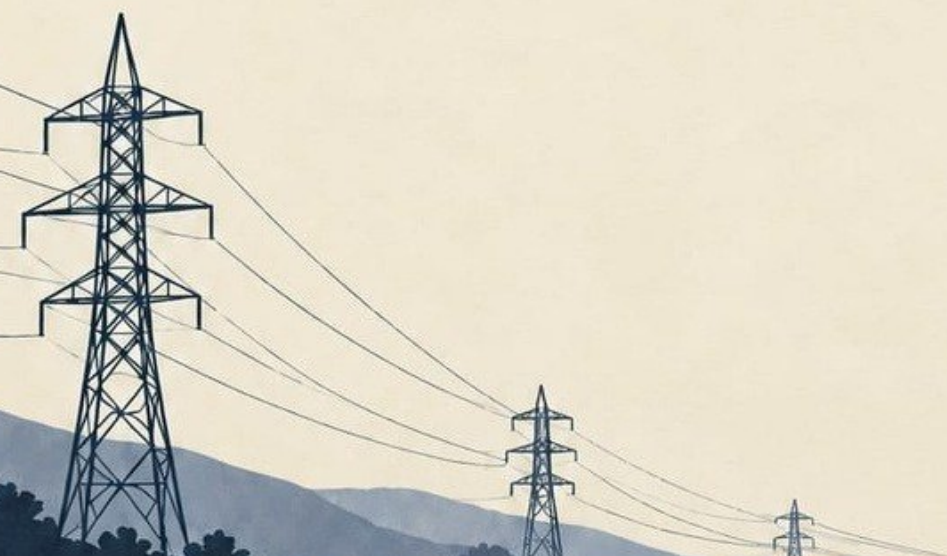


ELECTRICAL DEPARTMENT LABORATORIES



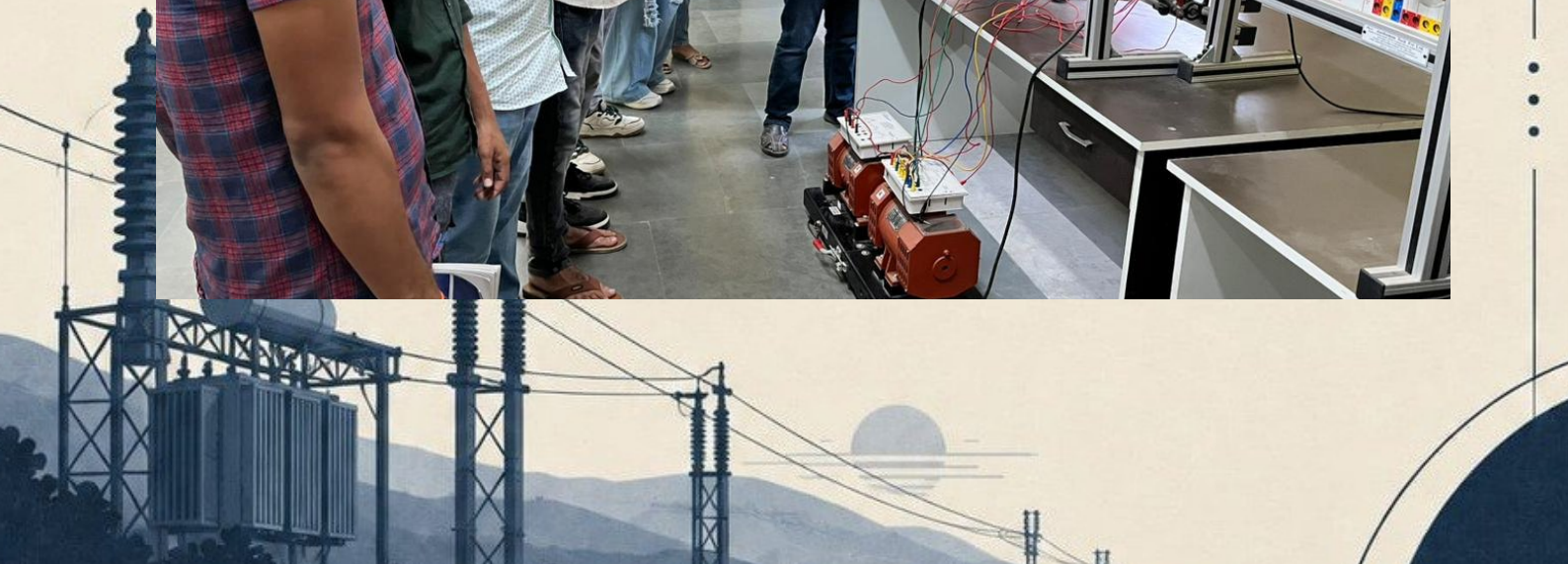
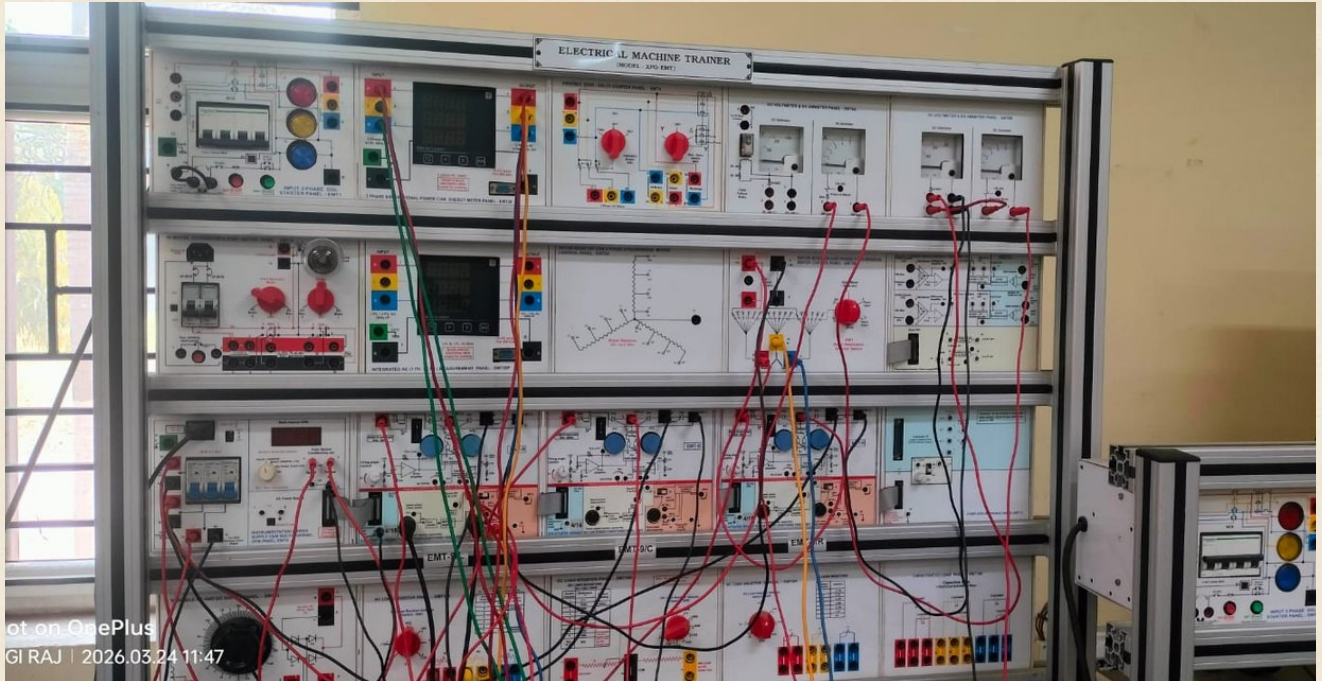
IMPULSE

2025 - 2026



ELECTRICAL MACHINES LABORATORY

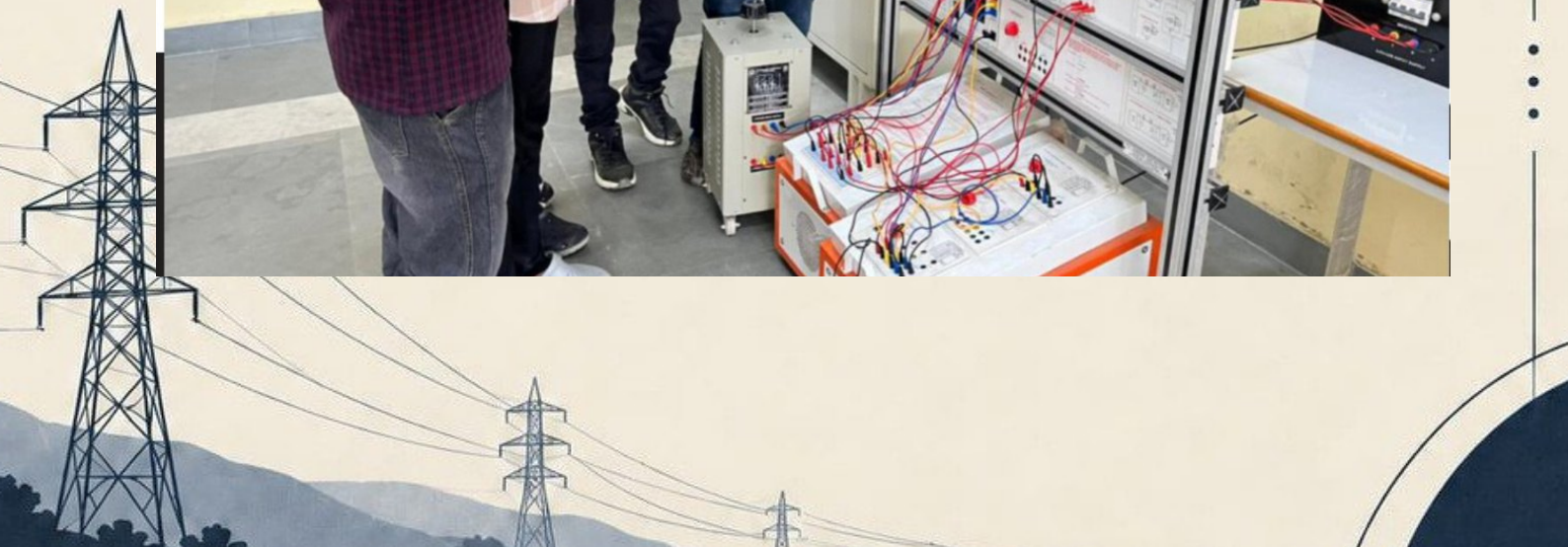
The laboratory provides hands-on experience in transformers, DC machines, induction motors, and synchronous machines, helping students understand their operation, characteristics, and performance through practical experiments.





CONTROL SYSTEM LABORATORY

The laboratory provides practical exposure to feedback systems, system response, stability, and control techniques, helping students understand the practical applications of control systems.



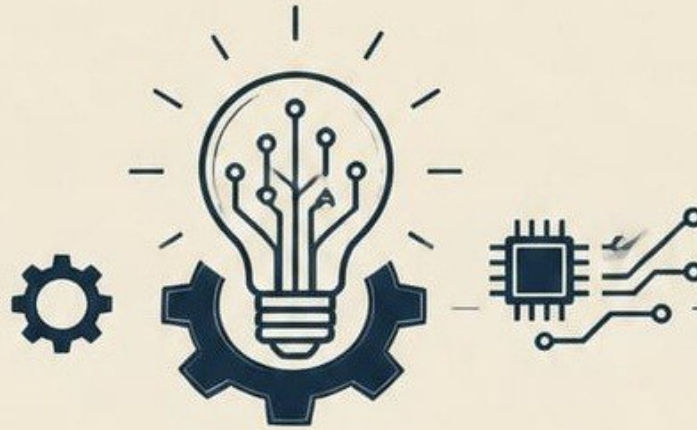
POWER SYSTEM LABORATORY

The laboratory provides practical exposure to power generation, transmission, distribution, protection, and power system analysis, helping students understand the operation of electrical power networks.



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PROJECT AND INNOVATION



IMPULSE

2025 - 2026





RIVEN FORMS

FROM CREATING QUESTIONS
TO UNDERSTANDING THE ANSWERS.

Forms are everywhere, but creating them is often limited by rigid layouts and repetitive workflows. Riven Forms takes a different approach, bringing form creation, customization, and interaction into a single visual experience.

With a real-time canvas, 14 field types, customizable fields, and Classic and Conversational modes, Riven gives creators greater control over how their forms look, feel, and behave. The idea is simple: make forms more flexible to build and better to experience.

RIVEN ■

FORM INITIALIZE

CONTACT ME

Get in touch with me for any questions, collaborations, or feedback.

■ 8 QUESTIONS • EST: 4 min

■ SPECIFICATION READY

Complete each prompt sequentially. Use your keyboard or click continue to advance.

START FORM →

■ PRESS ENTER TO BEGIN

BUILT BY AMAN

Department of Electrical Engineering

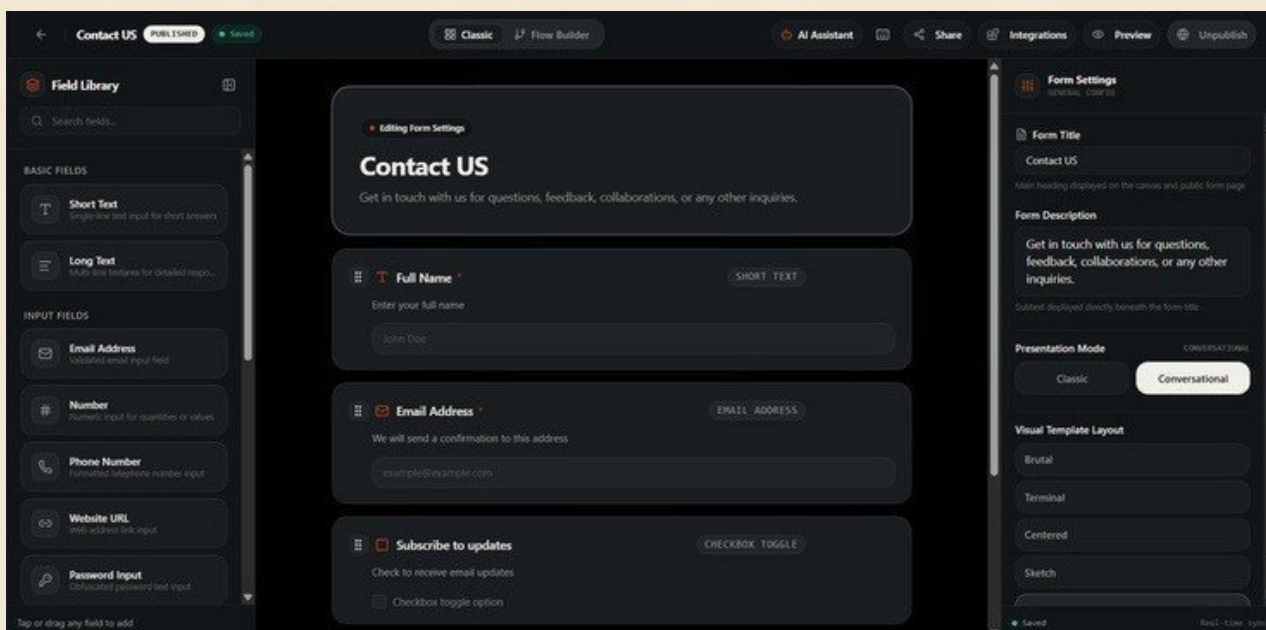




BUILDING THE FORM

A visual canvas where every question, field, and interaction can be shaped exactly as needed.

Riven's visual builder makes form creation direct and flexible. Fields can be added, rearranged, and customized in realtime, giving creators control over both the structure and experience of their forms.



14 FIELD TYPES

Build with text, email, number, choice, rating, date, file upload and more.

FULL CUSTOMIZATION

Control labels, descriptions, placeholders, options and required fields.

CLASSIC OR CONVERSATIONAL

Choose between a traditional scrolling form or a one-question-at-a-time experience.





AI, BUILT INTO THE WORKFLOW

From generating the form to understanding what people submitted.

Riven brings AI into both sides of the form experience: creating forms and making sense of the responses they collect.

Describe your form.

A customer feedback survey with NPS rating and open-ended comments...

☒ Classic ☐ Conversational

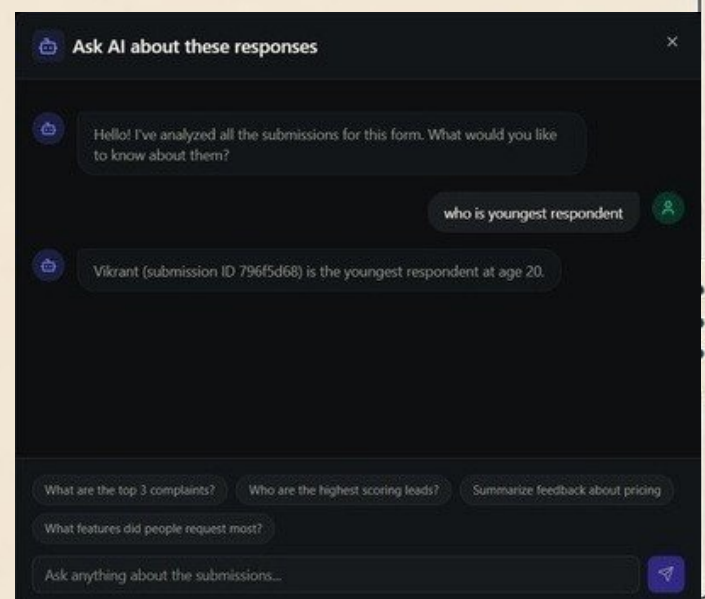
Customer feedback Job application Event registration Bug report

AI FORM GENERATION

Describe the form you need in plain language, and Riven can generate its structure for you. Instead of starting with a blank canvas, creators can begin with an idea and turn it into a working form.

TALK TO YOUR RESPONSES

Once responses start coming in, AI can help turn raw submissions into useful information. Ask questions about your data in natural language and get answers without manually going through every response.





BUILT FOR THE REAL WORLD

From the first response to the final insight, everything has a place.

Behind the interface is a platform designed to handle the complexity that comes with real-world forms. Responses can be searched, filtered, analyzed, and exported, while files, authentication, validation, and integrations work together behind the scenes.

Riven is built not only for the person creating a form, but also for the people responding to it and the developers building around it. Public links, QR codes, lightweight embeds, APIs, and real-time integrations make the platform flexible enough to fit into different workflows.

What began as a form-building project has grown into an exploration of how better tools can make everyday digital interactions simpler, smarter, and more accessible.

RESPONSES

Search, filter, view, and export collected data.

INTEGRATIONS

Google Sheets and secure file handling.

SECURITY

Validation, ownership checks, and rate limiting.

DEV TOOLS

Embeds, typed APIs, and OpenAPI documentation.

BUILD. COLLECT. UNDERSTAND.

RIVEN FORMS

rivenforms.in

Built by Aman • Department of Electrical Engineering



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DEPARTMENT OF ELECTRICAL
ENGINEERING



ALUMNI SECTION



IMPULSE

2025 - 2026





NOTABLE PLACED STUDENT LIST

BATCH 2022 – 2026

NEW BEGINNINGS | BRIGHTER FUTURES

S.No.	Name	Company
01.	Sameer	Grafana Loki Based Development
02.	Asrar Ahmed	High Technet Engineering at High Pvt. Ltd.
03.	Vikash Kumar	Macron Logi Services Pvt. Ltd.
04.	Ashish Aman	Macron Logi Services Pvt. Ltd.
05.	Ravishankar Kumar	High Technet Engineering
06.	Monu Kumar	Macron Logi Services Pvt. Ltd.
07.	Ankit Raj Prince	Quality Engineer & ESD Trainee
08.	Utkarsh Jha	TransRail
09.	Vikash Kumar Ram	TransRail
10.	Divyansh Gaurav	Techvein IT solutions Pvt Ltd.
11.	Anubhav Kumar	Macron

Congratulations

to all our placed students!

PCE PURNEA

DEPARTMENT OF ELECTRICAL ENGINEERING

TRANSRAIL
Date: 01.09.2026

Provisional Offer Letter

Mr. Utkarsh Jha

Sub: Employment offer.

Further to the discussions you had with us, we are pleased to offer you an appointment with us as per the following terms and conditions:-

Designation: Trainee Engineer - Production in 68 grade

Date of Reporting: On or before 10 September 2026

Training Period: 12 Months

Remuneration: As per attached Annexure 'A'

Place of Reporting: Shivajinagar Cantonment

You shall submit all the credentials viz. date of birth proof, passport size photographs (2), educational certificates, past employment offers, relieving orders and latest salary slip for validation of your appointment.

Your formal appointment letter will be issued on the date of your joining. You are requested to sign duplicate copy of this offer letter as a token of your acceptance.

This offer of employment with Transrail Lighting Ltd is subject to the successful verification of information provided by you. This offer is provisional to the verification of details furnished by you and if any of these details are found to be incorrect or falsified at any point of time during your employment, this offer, and/or subsequent employment status stands cancelled with immediate effect.

We shall feel proud to have you as a FAMILY MEMBER OF TRANSRAIL AND WISH YOU A LONG PRODUCTIVE AND SATISFYING CAREER WITH US.

Yours Faithfully,
For Transrail Lighting Limited,

Deepak Mahankar
Add. General Manager - HR

I have read and understood the terms and conditions of the appointment and same are hereby accepted by me. ()

Note-All personal information shared by you during the recruitment process shall be used by the Company for identity verification, background check, statutory compliance, and maintenance of official records. You acknowledge and agree that the Company may submit or present these documents to government authorities, regulatory bodies, law enforcement agencies, or any other statutory departments, whenever required for verification or for fulfilling any legal or compliance-related obligations. You confirm that all the documents provided by you are authentic, valid and updated. You also agree to notify the Company promptly if any of the above documents are renewed, updated or replaced.

TRANSRAIL LIGHTING LIMITED
Domestic Operation: 46 Lambert IT Park, Marhkar Nagar, Bera, Nagpur-462034, Maharashtra, India
Tel: +91-7103-281202, 281260, 281263, 281270 | Fax: +91-7103-281276
Registered Office: SPT, A, K.C. Fortune 2005, Block-G, Bandra Kurla Complex, Bandra East, Mumbai-400051, Maharashtra, India. Tel: +91-22-61979660 | Fax: +91-22-61979666 | Web: www.transrail.in | CIN: L11506MH2008PLC179012

Name: Utkarsh Jha
Company: Transrail
Designation: Trainee Engineer

TRANSRAIL
Date: 01.09.2026

Provisional Offer Letter

Mr. Vikash Kumar Ram

Sub: Employment offer.

Further to the discussions you had with us, we are pleased to offer you an appointment with us as per the following terms and conditions:-

Designation: Trainee Engineer - Production in 68 grade

Date of Reporting: On or before 10 September 2026

Training Period: 12 Months

Remuneration: As per attached Annexure 'A'

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We shall feel proud to have you as a FAMILY MEMBER OF TRANSRAIL AND WISH YOU A LONG PRODUCTIVE AND SATISFYING CAREER WITH US.

Yours Faithfully,
For Transrail Lighting Limited,

Deepak Mahankar
Add. General Manager - HR

I have read and understood the terms and conditions of the appointment and same are hereby accepted by me. ()

Note-All personal information shared by you during the recruitment process shall be used by the Company for identity verification, background check, statutory compliance, and maintenance of official records. You acknowledge and agree that the Company may submit or present these documents to government authorities, regulatory bodies, law enforcement agencies, or any other statutory departments, whenever required for verification or for fulfilling any legal or compliance-related obligations. You confirm that all the documents provided by you are authentic, valid and updated. You also agree to notify the Company promptly if any of the above documents are renewed, updated or replaced.

TRANSRAIL LIGHTING LIMITED
Domestic Operation: 46 Lambert IT Park, Marhkar Nagar, Bera, Nagpur-462034, Maharashtra, India
Tel: +91-7103-281202, 281260, 281263, 281270 | Fax: +91-7103-281276
Registered Office: SPT, A, K.C. Fortune 2005, Block-G, Bandra Kurla Complex, Bandra East, Mumbai-400051, Maharashtra, India. Tel: +91-22-61979660 | Fax: +91-22-61979666 | Web: www.transrail.in | CIN: L11506MH2008PLC179012

Name: Vikash Kumar Ram
Company: Transrail
Designation: Trainee Engineer

TECHVEIN IT SOLUTIONS PRIVATE LIMITED
B-18, Sen Colony, PH Road Railway Station Road, Jaipur, Rajasthan
Email - info@techvein.com, Phone - +91 922993336, GST No - 28AAFT3485G20N

Letter of Intent (LOI)

Dear Divyanshu Gaurav,

We are pleased to inform you that, based on your qualifications and performance in the selection process, Techvein IT Solutions Pvt. Ltd. intends to offer you the position of Robotics Instructor.

This Letter of Intent (LOI) serves as a formal communication of our interest in engaging you as a prospective employee of the company. Please note that this is not a final offer of employment but a conditional expression of interest, subject to the following terms:

Terms & Conditions:

- Confirmation of Acceptance:**
You are required to confirm your acceptance of this Letter of Intent by replying via email to rahul.kumar@techvein.com within two working days from the date of this letter. On receipt of your confirmation, we will issue a detailed Offer Letter outlining compensation, job responsibilities, and terms of employment.
- Agreement Bond Requirement:**
Upon joining the company, you will be required to sign a one-year service agreement bond, which must be executed and submitted within seven days from your date of joining. This bond ensures mutual commitment and the company's investment in your onboarding and training.
- Verification & Documentation:**
The issuance of the formal offer and continued employment are subject to satisfactory verification of your academic credentials, professional background, and identity documents.
- Submission of Google Form:**
https://docs.google.com/forms/d/1F4pQL5F0vG04qJDFvGvGdMvYV9G3-HK3E7v7SPp7p8E7Dx3g/viewform?usp=sf_link

CIN: U72909RJ2015PTC042473 | PAN NO: AAFTC3485Q | TAN NO: JPH030809

Name: Divyanshu Gaurav
Company: Techvein IT Solutions Pvt. Ltd.
Designation: Robotics Instructor

MACRON

Letter of Intent

Date: 1 April 2026

Dear Anubhav Kumar,

We are pleased to inform that you have been shortlisted for an OFFER to work at **MACRON LOGI SERVICES PVT LTD**. (Here-in after referred as MACRON), and would be deputed on

Date - 5th June 2026 for our Client as mention below
Client Name - RANE Steering Systems Manufacturing Company, Ahmedabad Gujrat

On the following terms and conditions:

- Your final round interview will be conducted at Client office, accordingly your employment & Tentative Date of joining will be confirmed.
- For payroll processing, your actual date of reporting to the client site will be considered as per your date of joining as per client confirmation.
- You undertake to abide by the code of conduct and ethics prescribed by the client as well as MACRON. Any violation of the code of conduct and ethics would be subjected to appropriate and stringent disciplinary action including termination of service.
- This contract would be exclusively with MACRON and you shall never be or deemed to be the employee of Client, where you have been deputed.
- The stipend Rs.15,000+1500 apprenticeship amount and other details of your salary break up with components will be given after your joining and also it may change as per requirements. Your deputation at any given location will be subjected to change as per the project and requirement.
- Notwithstanding the Tenure of this offer, in the event of the project / work / deputation for which you are being employed terminates before your offer period, this offer shall be Coterminous with the Project / work.
- During the period of offer, either of the parties may terminate the Contract by giving 15 days prior notice in writing or payment in lieu thereof. However due to breach of code of conduct, misbehavior or indiscipline etc., then in such cases, MACRON will have reserve rights to terminate immediately without give-in notice period.

The above is based on current policies of the company; any change in the policy impacting the above points will be communicated through your communication channel.

All the Best!!

For Macron Logi Services Pvt. Ltd.

With warm Regards,
MACRON LOGI SERVICES PVT LTD.

Name: Anubhav Kumar
Company: Macron
Designation: Engineer Trainee



NOTABLE STUDENTS PURSUING HIGHER STUDIES

DREAMS | LEARN | GROW

S.No.	Name	Higher Study
01.	Anmol Raj	M.Tech IIT Bhilai
02.	Anish Kumar	M.Tech NIT ROURKELA
03.	Chandra Kishore Narayan	M.Tech NIT Silchar
04.	Pragya Kumari	M.Tech NIT Raipur

Congratulations

to our future leaders!



PCE PURNEA

DEPARTMENT OF ELECTRICAL ENGINEERING

Centralized Counseling for M.Tech/M.Arch/M-Plan Admissions
CCMT Counseling 2026
Online Document Verification Certificate

Personal Details

Roll Number: 226EE009
Name: ANMOL KISHORE NARAYAN
Date of Birth: 14.08.2005
Gender: Male
Category: General (UR)
Nationality: Indian
Religion: Hindu
Marital Status: Single
Blood Group: B+

Academic Details

Current Institution: National Institute of Technology Silchar
Course: B.Tech. in Electrical Engineering
Semester: 8th Sem
CGPA: 8.13

Document Verification Details

Document Verification Date: 26-08-2026
Document Verification Time: 10:41 AM
Document Verification Status: Verified
Document Verification Signature: [Signature]

Center Incharge: (BRUNDA SHOMICK SHOME)
Document Verified: (DR. AMBARESH DATTA)

Name: Chandra Kishore Narayan
Institute: NIT Silchar
Program: Microelectronics and VLSI Design

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
(An Institute of National Importance)
G. S. Road, Raipur, Chhattisgarh-492015, India
Website: www.nitr.ac.in

M.Tech.NCIE-1 Year Provisional Admission Slip 2026-2027

PERSONAL DETAILS

Candidate Name: PRAGYA KUMARI
Mobile No.: 9892356612
Student's Email ID: pragnakumari@gmail.com
Student Hindi Name: प्रिया कुमारी
Gender: Female
Nationality: Indian
Religion: Hindu
Date of Birth: 12/01/2005
Candidate Category: UR
Permanent Address: KOTA, RAIPUR
City: KOTA
Pin: 492015
Correspondence Address: 48 Belpur post Belpur dist Raipur
City: RAIPUR
Pin: 492012

PARENT/GUARDIAN DETAILS

Father's Name: RAJ KUMAR
Mother's Name: KUMARI KUMARI
Father's Mobile No.: -
Mother's Mobile No.: -

ADMISSION DETAILS

Branch Admitted: ELECTRICAL ENGINEERING
Specialization: POWER SYSTEM & POWER ELECTRONICS

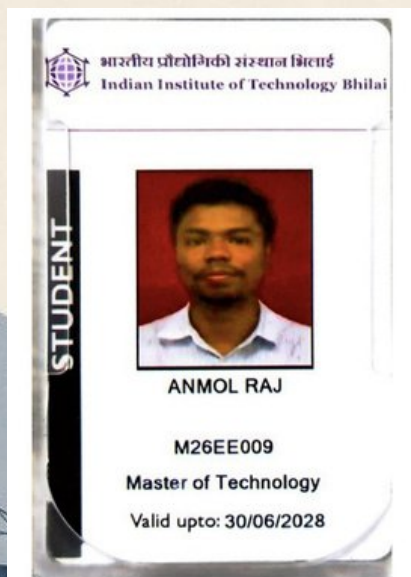
FEES PAYMENT DETAILS

Total Amount: ₹4100.00
Amount Paid in NITRA: ₹4100.00
Payment Type/Ref. No.: 013884009-PPPE2026SPOT9
Payment Date: 26/08/2026

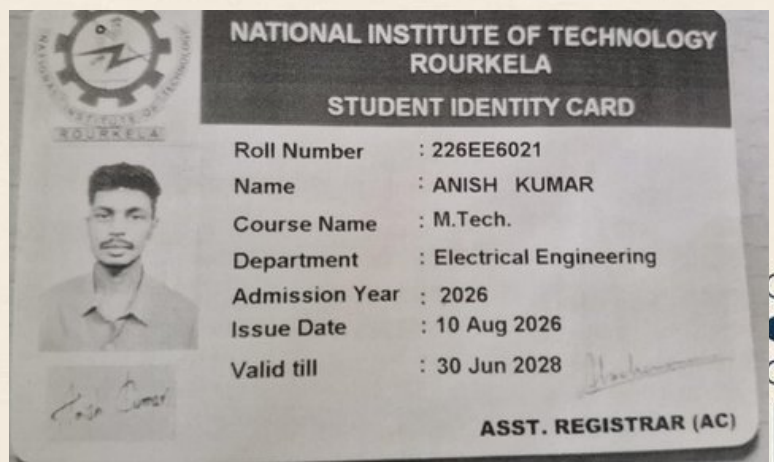
Director (Engineering)
National Institute of Technology
Raipur, 492015 (C-1)
Print Date: 26/08/2026, 1:03 pm

Signature: [Signature]
ASST. REGISTRAR (AC)
NIT RAIPUR

Name: Pragya Kumari
Institute: NIT Raipur
Program: Electrical Engineering
Specialization: Power Systems and Power Electronics

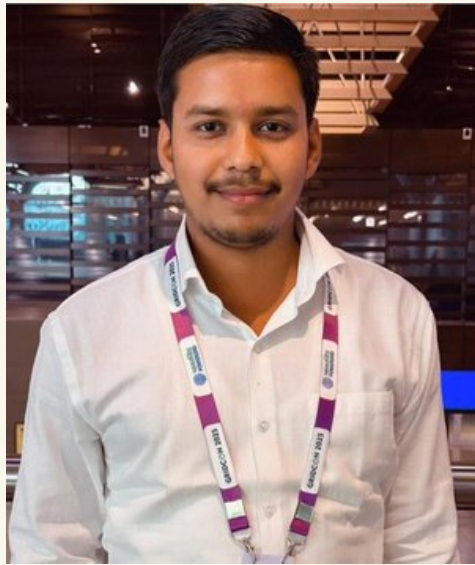


Name: Anmol Raj
Institute: IIT Bhilai
Program: M.Tech. – Electrical Engineering



Name: Anish
Institute: NIT Rourkela
Program: M.Tech. – Electrical Engineering

Notable Alumni



GATE 2024
IISc Bengaluru

GRADUATE APTITUDE TEST IN ENGINEERING 2024
अभियंताओं की प्रमुख अभियोग्यता परीक्षा २०२४
ORGANISING INSTITUTE: INDIAN INSTITUTE OF SCIENCE, BENGALURU

SCORE CARD

Name of the Candidate
JYOTISH KUMAR

Name of the Parent/Guardian
GAJENDRA DAS

Registration No. **EE24584013083**

Test Paper
Electrical Engineering (EE)

Date of Examination **February 11, 2024**

GATE Score 657	Marks out of 100 49.0
All India Rank (AIR) in the test paper 501	Qualifying Marks General 25.7
	EWS/OBC-NCL 23.1
	SC/ST/PwD 17.1

Number of candidates appeared for the test paper **59599**

Prof. Chandra Sekhar Seelamantula
Organising Chairperson, GATE 2024
On behalf of NCB-GATE,
Ministry of Education (MoE)

QR Code

A candidate is considered **qualified** if the marks secured are greater than or equal to the qualifying marks mentioned for the category, for which a valid category certificate, if applicable, must be produced along with this Score Card.

This Score Card is valid up to 31st March 2027.

Name: Jyotish Kumar

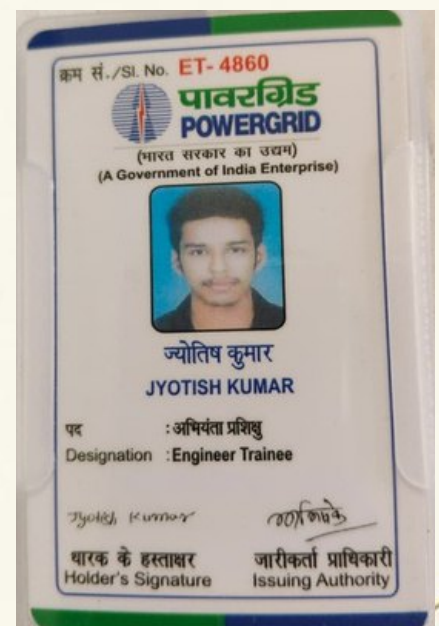
GATE Score: 657

All India Rank (AIR): 501

Name: Jyotish Kumar

Company: Power Grid Corporation of India Limited (POWERGRID)

Designation: Engineer Trainee



PCE PURNEA

DEPARTMENT OF ELECTRICAL
ENGINEERING



CULTURAL & SPORTS ACTIVITIES



EXPLORE • EXPRESS • EXCEL
2025 - 2026



INTERNATIONAL YOGA DAY

HEALTH + HARMONY + PEACE



*Yoga for a
Better Tomorrow*



International Yoga Day is celebrated on our campus with great enthusiasm and participation. Yoga has become a part of our campus culture, with many students and faculty members taking an active interest in it. Many of them practise yoga regularly in the early morning, promoting a healthy, peaceful, and positive lifestyle.



Avinash Batch 2024

Shri Phanishwar Nath Renu Engineering College, Araria

UMANG 2026



Gold Medal – Chess

Secured the Gold Medal in Chess at UMANG 2026, showcasing exceptional strategic thinking, concentration, and competitive spirit.

Purnea College of Engineering, Purnea UMANG 2026

Gold Medal – Chess

Secured the Gold Medal in Chess at UMANG 2026, Purnea, demonstrating exceptional strategic thinking, concentration, and competitive spirit.



Academic Excellence Through Collaboration



Collaboration brings students and faculty together to share knowledge, solve problems, and learn beyond the classroom.

Through teamwork, guidance, and peer learning, students develop stronger academic understanding and essential skills for the future.

Learning becomes more meaningful when knowledge is shared. Together, students and faculty create an environment that encourages curiosity, teamwork, and academic growth.



Cultural Activities



Purnea College of Engineering, Purnea UMANG 2026



Ankit Kumar
Batch 2024

- Silver Medal – Long Jump

- Secured the Silver Medal in Long Jump, demonstrating impressive athletic ability, determination, and sporting spirit.





Students can play cricket on the college campus, providing an opportunity to develop teamwork, coordination, and sportsmanship.

Students can also play football on campus, promoting teamwork, fitness, discipline, and a healthy competitive spirit.



The campus has space for students to play volleyball and participate in friendly and competitive matches.





Sports & Student Participation



- The college actively and regularly participates in inter-branch and inter-college sports competitions, providing students with opportunities to showcase their talent and competitive spirit. These events encourage teamwork, discipline, leadership, and sportsmanship while promoting a healthy and active campus life.

Students participate in various sporting activities and represent their branches and college with enthusiasm and dedication. Such competitions also help students build confidence, strengthen team coordination, and gain valuable experience beyond academics.

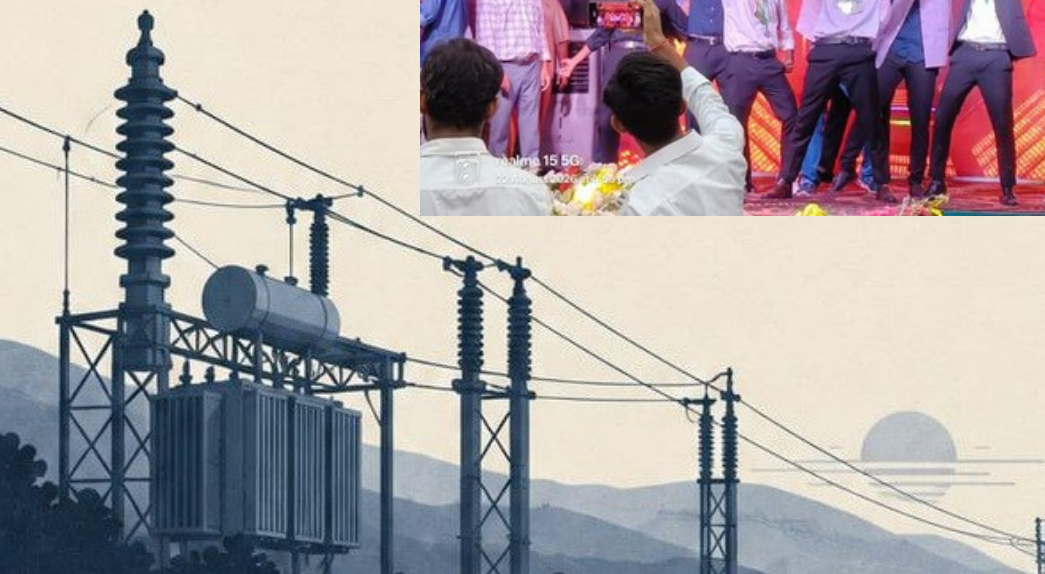




Celebrating Sporting Success



Our students have actively participated in various sports competitions and brought pride to the college through their dedication and performances. Their achievements in cricket, volleyball, football, athletics, and other sporting events reflect their hard work, teamwork, discipline, and competitive spirit. We proudly celebrate their accomplishments and continue to encourage students to pursue excellence both on and off the field.



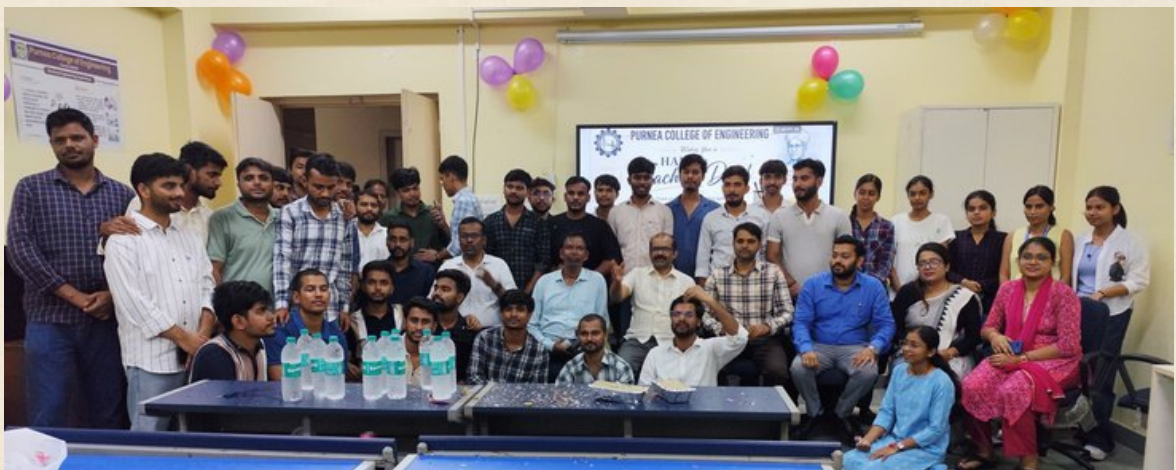
Memorable Moments



The campus regularly hosts various academic, cultural, technical, and social events that bring students together, encourage participation, and create memorable college experiences.



Moments on Campus



PCE PURNEA

DEPARTMENT OF ELECTRICAL
ENGINEERING



STUDENT TESTIMONIALS



REAL VOICES • REAL EXPERIENCES • A BRIGHTER TOMORROW

2025 - 2026

*"Different journeys,
same department,
one community."*





Student Testimonials



Aishanya

Batch: 2025

PCE Purnea is a great college with a positive and friendly environment. The professors are supportive, cooperative, and always willing to guide students. The college also organizes sports events and various activities where students can showcase their talents and learn new skills. Overall, it is a good place for both academic and personal growth.

Pratibha kumari

Batch: 2025

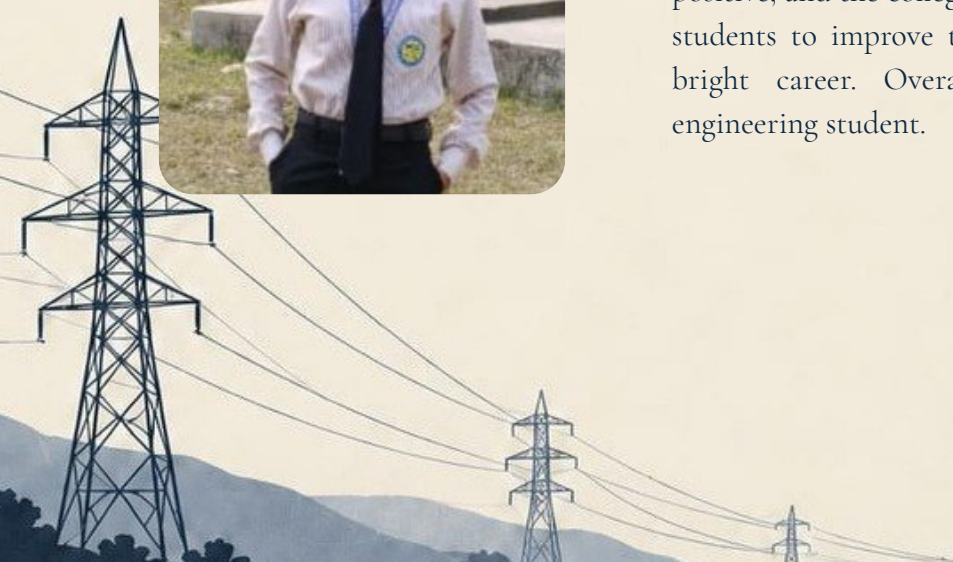
PCE Purnea is a really good college with a positive and welcoming environment. The professors are very supportive, cooperative, and always willing to guide students. Every year, the college organizes sports events, cultural and other activities where students get opportunities to showcase their talents, explore their interests, develop new skills, and grow as individuals too.



Arti kumari

Batch: 2025

Purnea College of Engineering is a great place to learn and grow. The faculty is supportive, the environment is positive, and the college provides good opportunities for students to improve their technical skills and build a bright career. Overall, a good experience as an engineering student.





Student Testimonials



Divyansh kumar

Batch: 2024

The Electrical Engineering department maintains regular classes and motivates students to attend consistently. Teachers guide us about government exams, career planning, and skill development. Practical sessions are conducted regularly, while sports and extracurricular activities create a supportive and positive environment.

Ritu raj

Batch: 2024

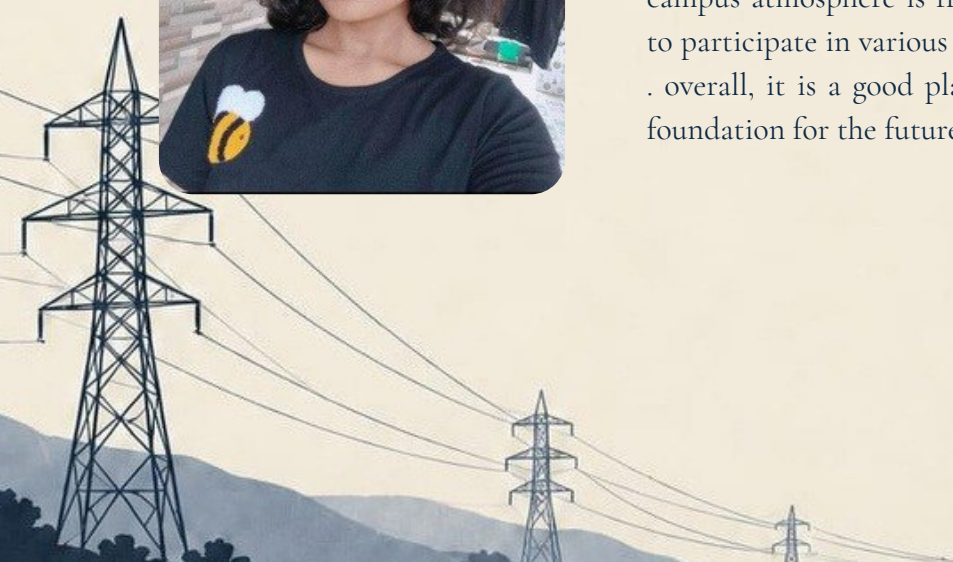
Purnea College of Engineering is a good option for Electrical Engineering. The faculty is supportive, and students get opportunities to learn both theoretical and practical concepts. The college provides a decent academic environment, laboratories, and opportunities for skill development. Overall, it is a suitable choice for students interested in Electrical Engineering.



Saloni kumari

Batch: 2024

my college provides a positive learning environment with supportive faculty and good academic opportunities. the campus atmosphere is friendly, and student get opportunities to participate in various activities and development their skills . overall, it is a good place to learn, grow and build a strong foundation for the future..





Student Testimonials



Ayush Singh

Batch: 2024

Completing my first year at Purnea College of Engineering (PCE Purnea) has been an incredible journey of learning and growth. Core engineering concepts, practical lab sessions, supportive faculty, peer learning, and the campus environment have helped build my technical skills. This year has been challenging, rewarding, and full of valuable experiences.

Jiya Dixit

Batch: 2025

Purnea College of Engineering is not just a place where we study engineering; it is a place where we grow, learn, make memories, and become better versions of ourselves. The supportive environment, dedicated faculty, learning opportunities, and campus experiences make moments valuable. I'm grateful to be part of this journey.



Ananya

Batch: 2025

Purnea College of Engineering is a decent college with a learning environment. The faculty members are supportive, and students get opportunities to participate in activities, workshops, seminars, cultural events, and extracurricular activities. The curriculum can be challenging, but provides a good foundation. Overall, students can make college life meaningful and memorable.





ACKNOWLEDGEMENT

Bringing IMPULSE 2025–26 together has been a wonderful experience, and we are grateful to everyone who supported us along the way.

We sincerely thank Prof. (Dr.) Manoj Kumar, Principal, for his encouragement and support in making this magazine possible.

We are equally grateful to Mr. Manoj Kumar Rajak, Head of the Department of Electrical Engineering, for his valuable guidance and encouragement throughout the process.

A special thanks to Assistant Professor Priyanka Rani, Faculty In-Charge, for her constant guidance, coordination, and support in planning, reviewing, and bringing this edition together.

We also thank all the faculty members and students who contributed their articles, photographs, achievements, ideas, and experiences. Every contribution helped make this edition more meaningful.

Finally, we thank everyone who supported the editorial team behind the scenes and helped turn IMPULSE 2025–26 into reality.

With gratitude.

The Editorial Team

IMPULSE 2025–26



IMPULSE 2024-25



Department of Electrical Engineering

Purnea College of Engineering, Bihar

Under Science, Technology & Technical Education
Department Govt. of Bihar

Contact Information

Purnea College of Engineering, Purnea, Bihar

Website: www.pcepurnea.org

IMPULSE
2025 - 2026