

2025

PLACEMENT BROCHURE 2023-24

"CRAFTING ENGINEERS. CREATING LEADERS."

PURNEA COLLEGE OF ENGINEERING

(UNDER DEPARTMENT OF SCIENCE TECHNOLOGY & TECHNICAL EDUCATION)

BIHAR ENGINEERING UNIVERSITY, PATNA

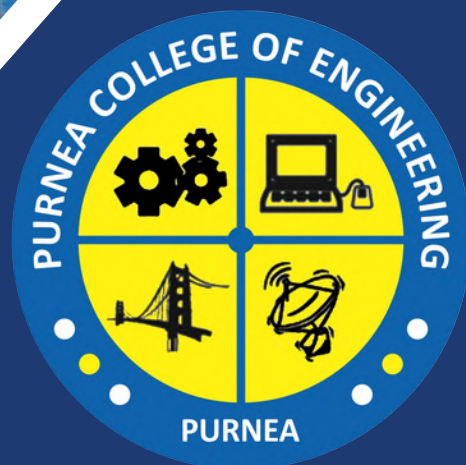


TABLE OF CONTENTS

1	About the Institute	4
2	Mission and Vision	5
3	Message from Principal Desk	6
4	Message from the TPO	7
5	Message from Assistant TPO	8
6	Placement Highlights	9
7	Courses Offered	10-14
8	Infrastructure & Labs	15-19
9	Placement Team	20-21
10	Why Recruit at PCE	22-24

TABLE OF CONTENTS

11	Notable Alumini	25
12	Academic Excellence	26
13	Clubs	27-28
14	Industry Partnership	29-30
13	Contact Us	31

ABOUT THE INSTITUTE

Purnea College of Engineering, established in 2017 under the Department of Science & Technology, Government of Bihar, is committed to delivering high-quality technical education and nurturing competent engineering professionals. The institute offers undergraduate programs in Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics & Communication Engineering, Computer Science & Engineering (Artificial Intelligence) and Mechatronics Engineering.

With modern laboratories, well-equipped workshops, smart classrooms, and a dedicated faculty team, the institute emphasizes experiential learning, innovation, and research-oriented growth. PCE fosters a student-centric environment through technical clubs, industry interactions, internships, and entrepreneurial initiatives. The institute continuously focuses on developing industry-ready graduates capable of contributing effectively to technological and societal advancement.



MISSION & VISION

VISION

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 sustainable growth of the country.

MISSION

- 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 neighboring areas.

MESSAGE FROM PRINCIPAL



DR. MANOJ KUMAR

"A good scientist is a person with original ideas .A good engineer is a person who makes a design that works with as few original ideas as possible. There is no prima donnas in engineering."

~Freeman Dyson

Our institute is dedicated to providing high-quality technical education that blends academic excellence with practical exposure. We focus on developing competent engineers who possess strong analytical abilities, professional ethics, teamwork, and adaptability to meet evolving industry demands. With modern laboratories, a committed faculty team, and active industry-oriented initiatives, we ensure students are groomed for real-world challenges.

I warmly welcome esteemed recruiters to engage with our campus and discover the potential of our talented students. We look forward to building long-term partnerships for mutual growth and development.

Dr. Manoj Kumar
principal.pcep@gmail.com

MESSAGE FROM THE TPO



PROF. SAURABH KUMAR
(TRAINING & PLACEMENT OFFICER)

As the Training & Placement Officer, I am committed to strengthening the industry-academia relationship and ensuring our students are well prepared for the ever-changing professional environment. Through structured training modules, pre-placement guidance, industry talks, and soft-skills development, we equip students with the competencies required to excel in competitive recruitment processes. Our students demonstrate strong technical knowledge, discipline, and a willingness to learn—qualities valued by every organization. We deeply appreciate the support of our recruiting partners and warmly welcome new companies to collaborate with us. I look forward to facilitating a smooth, transparent, and mutually beneficial recruitment experience.

MESSAGE FROM ASSISTANT TPO



**PROF. AMIT MADHUKAR
(ASSISTANT TPO)**

As Assistant Training & Placement Officer, I am dedicated to empowering students with the skills, confidence, and industry awareness required for successful careers. Through continuous training, mentorship, and coordination with recruiters, we ensure our students are well-prepared for placement opportunities. Our focus is on aligning academic learning with industry needs through workshops, internships, and skill-development initiatives. The enthusiasm and commitment shown by our students reflect the strength of our institute. I warmly invite esteemed recruiters to engage with our campus and experience the potential of our young engineers. We look forward to fostering productive and long-lasting industry partnerships.

PLACEMENT HIGHLIGHTS

- **Highest CTC - 10 LPA**
- **Average CTC - 4 LPA**

Academic Year	Total Job Offered
2022 - 2023	148
2021 - 2022	109

**62 %
[2019]**

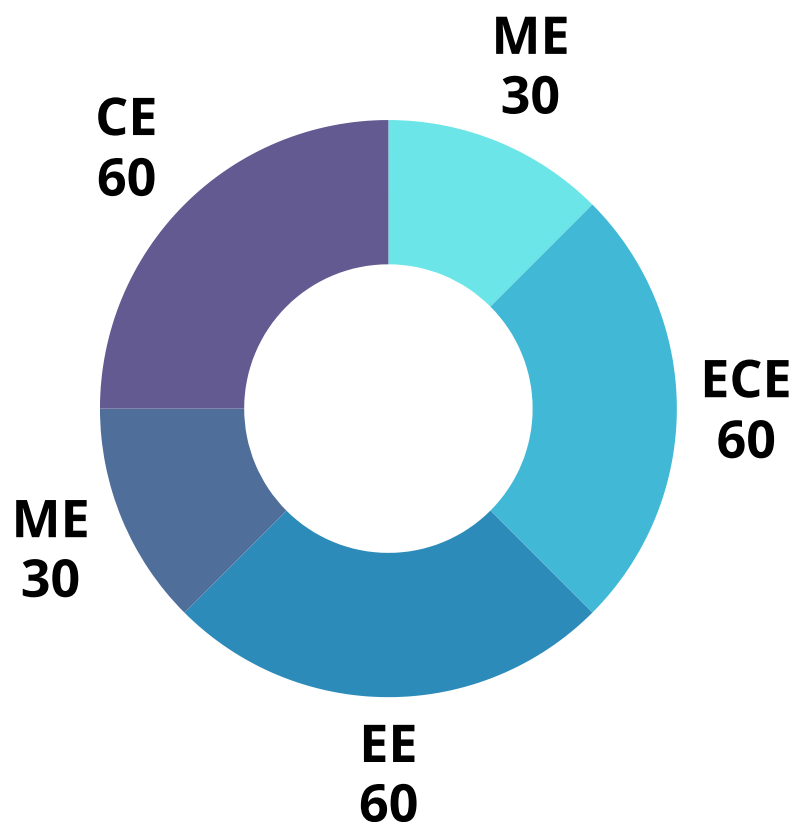


COURSE OFFERED

UNDER GRADUATE PROGRAMS

- B. Tech in Civil Engineering.
- B. Tech in Mechanical Engineering.
- B. Tech in Electrical Engineering.
- B. Tech in Electronics and Communication Engg.

BranchWise **Student Intake**



CIVIL ENGINEERING

Introduction

The Civil Engineering department is vibrant department of the institute. It comes under BEU(Bihar Engineering University). The department has been involved in areas of Soil Mechanics, Transportation Engineering, Hydraulics and Structures and Environmental engineering. Sponsored and consultancy projects undertaken by the department include Disaster Mitigation & Management, Analysis, Evaluation and Design of Highway and Airport pavements, Non-destructive Evaluation and Restoration of various structures such as building and bridges, Process Modifications for pollution mitigation, Ground Improvement and Sediment Transport and Scour studies.

Vision

Department of Civil Engineering aims to generate highly skilled and competent engineers capable of providing leadership of environment friendly infrastructure.

Mission

- To impart quality education in Civil Engineering for sustainable development of infrastructure by preserving the natural resources
- To produce a confident and innovative civil Engineer to address the needs in the areas of transport , construction , water management and public health concern.
- To make field ready civil engineering graduates by training them industrial practices.
- To take initiative to engage student in research activities..

MECHANICAL ENGINEERING

Introduction

The department is offering undergraduate B.Tech 4 year course in Mechanical Engineering and advanced studies under the three broad fields of applied mechanics and engineering design, thermal sciences and energy systems, and manufacturing processes and systems. It comes under BEU. The current areas include Bond graph and Computer Aided Design techniques, Computer Aided Manufacturing, Flexible Manufacturing Systems and Robotics, Intelligent Machines and Systems, Solid Modelling and Computer Graphics, Application of Neural Networks, Systems Dynamic Simulation, Precision Engineering Heating Ventilation and Air Conditioning systems, Combustion Modelling and Jet Impingement Heat Transfer. The sponsored projects include developing Monodispersable Aerosols, Building Automation, Machining of Advanced Materials, Environmental Friendly Grinding of Titanium Alloys using Cryogenic Cooling, Development of Industrial Robots, Laser Material Processing Technology, Developing Software or Dynamic Analysis and Condition Monitoring of Rotor etc.

Vision

To produce high quality mechanical engineers who can contribute positively to the technological and socio-economic development of the nation.

Mission

- To impart technical knowledge to students who can positively impact society.
- Prepare effective and responsible graduate mechanical engineers with strong theoretical and practical knowledge.
- To extend counselling and career guidance facility to the students to help them achieve their goal.

ELECTRICAL ENGINEERING

Introduction

The Department of Electrical Engineering was established in 2017 under BEU (Bihar Engineering University) with an intake of 60 students leading to B.Tech degree of four year duration. The Microprocessor Laboratory and Power electronics laboratory were set up to meet the requirement of course curriculum and research activity. The advancement and application of electronics and microcomputer in the field of electrical engineering necessitated a major revision of the syllabus for the UG program. A course in Microprocessor is introduced along with many subjects in electronics leading to orientation required for the modern technology, such as Analog Electronics, Digital Electronics, Introduction to Communication and Digital Signal Processing.

The Electrical Engineering department has well-qualified faculty, majority of whom hold M. Tech degree with specialization in the field of electrical power, control system and microcomputer based instrumentation & control. The department has well qualified panel of visiting faculty from academics and industry. They visit to the department at regular interval to deliver expert lectures and discuss recent trends in the field of Electrical Engineering, Power system - generation, transmission and distribution, thyristorised controlled electrical drives used in industry, microcomputer applications in instrumentation and control etc.

Vision

The vision of the Department of Electrical Engineering is to produce competent electrical engineers with ethical values addressing the challenges in the field of education, industry, and research for the sustainable growth of the nation.

Mission

- To create an environment for quality technical education and to produce engineers who will contribute meaningfully to the growth and development of the country.
- To engage the students in research & development in cutting edge and sustainable technologies.
- To develop professional skills, ethical values, and leadership qualities to address the needs of neighboring areas in terms of engineering and technical support.

ELECTRONICS & COMMUNICATION ENGINEERING

Introduction

The Electronics and Communication Engineering (ECE) Department has a rich tradition in research and teaching. It comes under BEU. The research interests of the faculty members of the department encompass the wide area of applied and fundamental aspects of Electronics and Communication Engineering. Collaboration in between the reasearch groups of the department and with other departments is also a practice. The broad areas of research and academic activities in the department are:

Communication Systems

Microelectronics and VLSI

RF and Microwave Engineering

The Department has strong research programmes leading to B.Tech degree in Electronics and Communication Engineering. In addition to the well equipped curriculum related laboratories, the Department has many state of the art facilities for assisting research and development in solid state devices, VLSI, RF Engineering, digital signal processing, image processing and wireless technology. These have been set up with support from Government agencies and industries.

Vision

The vision of the department is to provide education in the field of electronics and communication to the students that is directly applicable to problems and situations encountered in real life and thus foster a successful career. The department aims to provide the best platform to students and staff for their growth.

Mission

- To provide strong fundamentals and technical skills through effective teaching learning methodologies.
- To inculcate learning of emerging technologies for pursuing higher studies leading to lifelong learning.
- To transform lives of the students by fostering ethical values, creativity and innovation to become Entrepreneurs and establish Start-ups.

INFRASTRUCTURE & FACILITIES

ACADEMIC BLOCK



BOYS HOSTEL



CENTRAL LIBRARY



GIRL HOSTEL



CONFERENCE ROOM



GYMNASSIUM



LABS



GEOTECHNICAL ENGINEERING LAB



**GEOTECHNICAL ENGINEERING LAB
2**



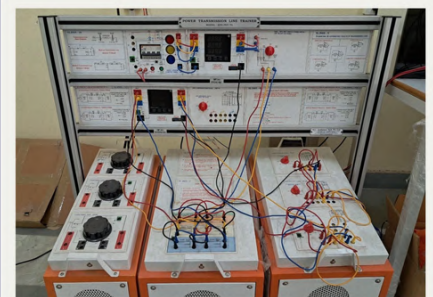
ENVIROMENTAL ENGINEERING LAB



FLUID MECHANICS LAB



OIL TESTING KIT



**POWER TREANSMISSION LINE
TRAINER**



**EXPERIMENTAL SETUP FOR PERCENTAGE
BIASED DIFFERENTLY RELAY TESTING KIT.**



WORKSHOP



**CONTROL PANEL FOR TO STUDY LOAD
TEST OF DC COMPOUND MOTOR**

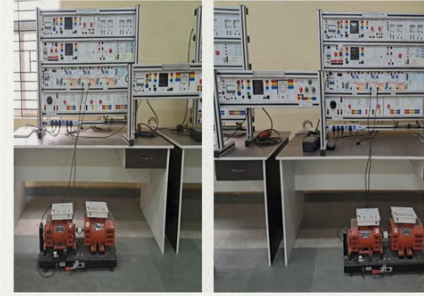
LABS



CONTROL PANEL FOR TO STUDY LOAD TEST OF DC SERIES MOTOR



CONTROL PANEL FOR TO STUDY LOAD TEST OF SHUNT MOTOR



ELECTRICAL MACHINE TRAINER



THREE PHASE AC SQUIRREL CAGE INDUCTION MOTOR TRAINER



SINGLE PHASE AC INDUCTION MOTOR TRAINER



TRANSFORMER TRAINER



CONTROL PANEL FOR STUDY OF THREE PHASE TRANSFORMER



CONTROL PANEL FOR SWINBURN TEST AND SPEED CONTROL OF DC SHUNT MOTOR



PARALLEL OPERATION OF THREE PHASE TRANSFORMER

PLACEMENT TEAM



**Prof. Saurabh Kumar
(TPO)**

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(Assistant TPO)**

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**Prof. Raushan Kumar
Departmental TPO
Assistant Professor, ME
Mobile : 8521156336**



**Prof. Abhimanyu Kumar
Departmental TPO
Assistant Professor, EE
Mobile : 9476594379**

PLACEMENT TEAM

Student Placement Coordinators

Md. Shoaib Akhtar
Civil Engineering

Rashmi Priya
Civil Engineering

Sujeet Raj
Mechanical
Engineering

Naha Khushi Soren
Mechanical
Engineering

Ayush Raj
Electrical
Engineering

Shruti Kumari
Electrical
Engineering

Hemant Raj
ECE

Vaishali Jha
ECE

Abhinav Kumar
Electrical
Engineering

Aparna Gupta
ECE

Why Recruit At PCE?

KNOWLEDGE CAPITAL

The excellent mix of qualified faculty and up-to-date course contents ensure that PCE graduates are well prepared to face any challenge posed by today's scenario.

SELECTION PROCESS

The students have excellent educational background. They have been selected for admission in the college through the stringent admission test JEE Mains conducted at national level.

PRACTICAL EXPOSURE

PCE believes in the importance of giving its students extensive practical exposure alongside invaluable academic inputs to ensure their holistic development. This ensures a perfect mix of technical acumen and academic intellect. Such exposure is provided by means of Summer Internship, Workshops, Field Visits, Industry Visits, Guest Lectures, and Live Projects. A four week compulsory Summer Internship provides an opportunity for students to apply academic knowledge to real time technology related problems. Guest lectures provide students with a chance to interact with representatives of the technical world and learn about the latest technology.

FACULTY

PCE Purnea faculty are highly distinguished individuals. Most of the faculty members have had the opportunity to earn degree from highly rated institutions across the country. For the faculty, teaching is more of a passion than profession. They not only create well-educated students, but make them also acquire awareness about the changing world scenario in the field of Engineering & Technology. The faculty members of PCE Purnea have constantly been in headlines for their achievements and contributions in research. Most of them have industrial experience which has proved to be a great benefit for our students. They are dedicated to the noble task of imparting state of the art knowledge to the young budding minds.

FACILITIES FOR ON **CAMPUS RECRUITERS**

- Auditorium with capacity of accommodating the whole batch of students along with projector for conducting Pre-Placement Talk (PPT).
- Group discussion and personal Interview rooms.
- Fully computerized placement office.
- A dedicated team to work to ensure simpler logistics and all other related issues regarding campus placements.
- Infrastructure to support online and written screening tests.
- Video conferencing facility for conducting one to one interviews.
- All required information for the comfort and help of recruiters is available on the website pcepurnia.org
- Guest house facility.
- Fully Wi-Fi Campus.
- Gymnasium.
- Cafeteria.

LOCATION



DIRECTION TO PCE

Purnea College of Engineering has a permanent campus of 12.5 acres located near Shubhas Nagar & Ramnagar Purnea District of Bihar, India. The college is easily accessible by air, bus and train. Patna is situated at 306 KM distance from the college. It is situated 0.5 km from Purnea Bus Stand, 7 km from Purnea Railway Junction. Regular auto rickshaw services are available. for the institute. Our College is situated on NH-31.

PLACEMENT PROTOCOLS

1. Mandatory Intimation

Students who do not wish to participate in a particular recruitment drive must formally inform the Training & Placement (T&P) Department in advance. Non-compliance will be treated as a breach of placement protocol.

2. Resume Compliance

All students must prepare their resumes strictly under the supervision of the T&P Department and designated trainers. Resumes must reflect verified achievements, internships, projects, and credentials.

3. Dress Code Enforcement

Students shall appear in formal attire for all placement-related events, including PPTs, tests, interviews, and training sessions. Non-adherence will result in immediate disqualification from the respective drive.

4. Document Verification

- Students must carry the following documents for every recruitment process:
- Multiple signed copies of the updated resume
- Passport-size photographs (college uniform with blazer)
- Photocopies of academic certificates (10th, 12th, semester mark sheets, etc.)
- College ID card
- Valid government ID/address proof
- Failure to produce required documents may lead to denial of participation.
- Pre-Placement Talk (PPT) Attendance
- Attendance at the PPT is compulsory for all registered students. Students must report to the venue before the scheduled start. Only those who attend the PPT will be permitted to appear in the subsequent stages of the recruitment process.

5. Clarification Protocol

Students must seek clarification regarding job roles, compensation, place of posting, service agreements, and other employment terms directly from the company's HR personnel during the PPT. Complaints raised after the selection process will not be entertained.

6. Disciplinary Regulations

Students shall maintain the highest standards of discipline, decorum, and professional conduct during all placement activities. Any act of misconduct, violation of company guidelines, or behaviour bringing disrepute to the institute will result in immediate debarment from all placement activities for the academic year and may invite further disciplinary action.

NOTABLE ALUMINI



Sonam Kumari
AIR-337 (ECE)



Ritik Raj
AIR-1336 (CE)



Adarsh Kumar
AIR-648 (ES)
Branch-Civil Engg.



Jyoti Kumari
AIR-3552 (ECE)



Aditya Kumar
AIR-5628 (CE)



Shalabh Kumar
AIR-7382 (CE)



Gaurav Verma
AIR-8251 (ECE)



Vipul Kumar
AIR-13332 (CE)

ACADEMIC EXCELLENCE

GATE Qualifiers

Sonam Kumari - AIR 337 in GATE 2023

Ritik Raj - AIR 1336 in GATE 2023

Adarsh Kumar - AIR 648 in GATE 2023

Higher Studies

Jyoti Prakash - Completed M-tech from VNIT, Nagpur

Monu Kumar - Pursuing M-Tech from IIT, Ropar

Shalabh Kumar - Completed M-Tech from NIT, Patna

Prahlad Bharti - Pursuing M-Tech from NIT, Patna

Wasim Akhtar - Pursuing M-Tech from NIT, Jamshedpur

Abhishek Kumar Patel - Pursuing M-Tech from ISM, Dhanbad

Shruti Kumari - Pursuing M-Tech from NIT Surathkal

and many more.....

TECHNICAL CLUB

INTELLIMIXIO



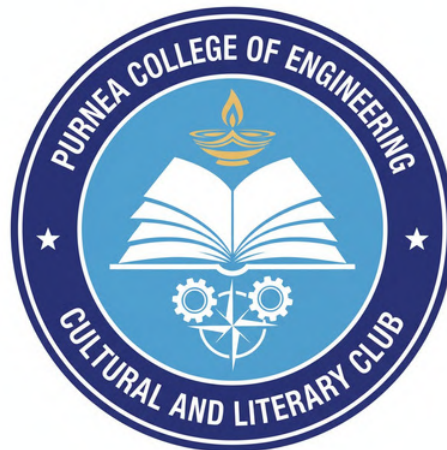
TECHFLINGERS



NON TECHNICAL CLUB



NON TECHNICAL CLUB



INDUSTRY PARTNERSHIP

Spoken Tutorial, IIT Bombay, Spoken Tutorial is an educational content portal where one can learn various Free and Open Source Software like Linux, Scilab, LaTeX, PHP & MySQL, Java, C/C++, LibreOffice, etc. via an easy Video tool. These certificates give an edge to students during placement by increasing their employability potential.



Edu Skills CISCO, Cisco Networking Academy transforms the lives of learners, educators, and communities through the power of technology, education, and career opportunities. With the availability of this platform, students complete hands-on learning activities and network simulations to develop practical skills that will help them fill a growing need for networking professionals around the world.

NPTEL, 1000+ certifications were obtained by students and faculties of PCE. The certification was done by IITs/IISc for those who completed the courses successfully. PCE is also identified as a local chapter in NPTEL. Students gets benefited by local chapter to avail the final exam fee waiver



Webinar @ PCE Purnea, 50+ webinars were conducted for students and faculties of PCE. The webinars were not only attended by the PCE family but they reached many geographical locations worldwide. Also, the webinars were appreciated by students, faculties and other participants for top quality knowledge sharing.

Cybersecurity Awareness Session, Session, conducted by Cyber Secured India, focuses on cybersecurity and digital forensics. Participants will gain valuable insights into securing digital assets and combating cyber threats, enhancing their ability to protect sensitive information across various sectors.



INDUSTRY PARTNERSHIP

Bihar Skill Development Mission (BSDM) has been established by The Government of Bihar to empower the youth by providing them with requisite skills to fuel the growth of the State of Bihar. The primary roles of BSDM are to establish a wide network of training centres for the youth.



Kushal Yuva Program (KYP), Kushal Yuva Programme is a part of one of the "7 commitments" namely "Aarthik Hal, Yuvaon ko Bal". This has been launched as a flagship programme of Bihar Skill Development Mission. Through this programme, BSDM intends to enhance the employability of the youth of Bihar. Improve employability and complement domain-specific training programs in Bihar. Enhance employability skills of aspirants aged 15- 28 years.

e-Yantra, e-Yantra is a robotics outreach program funded by the Ministry of Education and hosted at IIT Bombay. The goal is to harness the talent of young engineers to solve problems using technology across a variety of domains such as: agriculture, manufacturing, defence, home, smart-city maintenance and service industries. Our college is an eLSI college, our robotics club is named Droid Champs.



Smart India Hackathon (SIH), Smart India Hackathon is a nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. SIH has proved to be extremely successful in promoting innovation out-of-the-box thinking in young minds, especially engineering students from across India. Many students from our college have represented and won in hardware and software edition in SIH.



Viksit Bharat 2047, "Viksit Bharat 2047" initiative, the "Yuva Connect" program empowers youth leadership for India's transformation. Through 50 programs across educational institutions, it fosters youth engagement in realizing India's vision of becoming a developed nation by 2047.

CONTACT US



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(TPO)**

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