



नावस्वर

ANNUAL MAGAZINE- 2K24 - 2K25

GOVERNMENT POLYTECHNIC KATIHAR

Department of Science, Technology and Technical Education
Govt. of Bihar, India



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FROM PRINCIPAL'S DESK

DR. RAVI KUMAR



It gives me immense pleasure to present this edition **2024-25** of our college magazine, **Navsawar** – a name that symbolizes a fresh awakening, new ideas, and the ever-evolving spirit of our academic community.

This magazine serves not only as a reflection of our students' creativity, intellect, and dedication but also as a platform where thoughts take shape and voices are heard. Each article, poem, sketch, and achievement captured in these pages tells a story of growth and aspiration.

In an age where change is constant, Navsawar encourages us to stay curious, stay inspired, and keep pushing boundaries—academically, artistically, and socially. Let this magazine be a reminder that learning goes beyond textbooks; it is a journey of self-discovery and transformation.

I congratulate the editorial team, faculty coordinators, and all contributors for their hard work and passion in bringing this issue to life. May Navsawar continue to be a source of pride and inspiration for the entire college community.

EDITORIAL MESSAGE



ER. GARGI KUMARI
ELECTRICAL DEPT.

Dear Readers,

It brings me great joy to present to you **Navsawar – Edition 2024–25**, our annual college magazine that stands as a vibrant reflection of the talent, diversity, and creative spirit of our student body. This edition is more than just a collection of articles and artwork it is a testament to the voices, dreams, and achievements of our college community.

Bringing this magazine to life has been a deeply collaborative effort. Every contribution from insightful essays to captivating poems and innovative designs has played a part in shaping a publication that we can all be proud of.

I would also like to express my sincere appreciation to our Faculty Coordinator, whose guidance, encouragement, and mentorship provided the backbone for this entire process.

Equally deserving of recognition is our Student Coordinator, whose leadership, organizational skills, and creative insight brought energy and cohesion to the team. Your dedication ensured that every detail, from design to deadlines, was handled with professionalism and passion.

A special note of thanks to Mr. Happy Kumar (lecturer electrical dept.), Media Cell Incharge, whose consistent support and technical expertise were vital to the successful completion of this edition. His behind-the-scenes dedication made a remarkable impact.

To all contributors and readers thank you for being part of this journey. May Navsawar 24–25 inspire reflection, spark creativity, and serve as a lasting record of the vibrant life we share on this campus.

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ER. GARGI KUMARI
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ER. HAPPY KUMAR
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ER. RAJEEV KUMAR
FACULTY COORDINATOR



ER. VARUN KR. CHAUDHARY
FACULTY COORDINATOR

“The strength of the team is each individual member. The strength of each member is the team”

STUDENT COORDINATORS.

DESIGN & DEVELOPMENT TEAM



SURAJ KUMAR RAJAK
2022-2025



ADITYA RAJ
2022-2025



SUMAN LAL
2022-2025



SAHIL KUMAR
2023-2026

**"Behind every great magazine is a mind that
curates stories, shapes voices, and inspires readers
one page at a time."**

STUDENT COORDINATORS.



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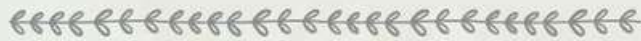
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4TH (ME)



PUJA KUMARI
4TH (CSE)



KUMARI SULAKSHI
2ND (CSE)



VISION OF THE INSTITUTE

- To be a premier institution fostering innovation, technical excellence, and holistic development, equipping students with the skills and knowledge to contribute effectively to society and industry in a rapidly evolving global landscape

MISSION OF THE INSTITUTE

- To deliver comprehensive technical education with a strong emphasis on practical skills, industry relevance, and academic excellence.
- To equip individuals with effective communication skills, strong ethical values, and leadership qualities essential for personal and professional growth.
- To foster a culture of creativity, innovation, and problem-solving to address real-world challenges.
- To encourage lifelong learning and adaptability to thrive in dynamic technological and industrial environments.



GOVERNMENT POLYTECHNIC KATIHAR

Civil Engineering Department

PROGRAM EDUCATION OUTCOMES (PEOS)

VISION

To produce globally competent civil engineering diploma holders who will full fill the societal needs and the sustainable development of a nation as civil engineers.

MISSION

To provide students a competitive environment for professional growth and lifelong learning with an emphasis on sound technical knowledge, skills, moral values and ethics.

Mission objectives are:

1. To provide sound technical knowledge in civil engineering through comprehensive and practical-oriented learning.
2. To provide a competitive environment for professional growth and lifelong learning for adapting to this challenging world.
3. To develop moral and ethical values and nurture

PEO 1: To develop competent civil engineering diploma holders with professional skills, knowledge, abilities & attitude for employment or to become an entrepreneur.

PEO 2: To provide opportunities and develop competence to work as a leader, manager, or team member in multi-disciplinary civil engineering projects and works.

PEO 3: To provide opportunities and develop in terms of social, economic, and environmental sensitivity as responsible professionals.

PEO 4: To develop competence to understand the concept of core civil engineering subjects that will facilitate the understanding of new technology.

PEO 5: To develop an understanding of the use of different codes- National and International standards for the execution of civil engineering works.

PROGRAM OUTCOMES (POS)

PO 1: Basic and Discipline Specific Knowledge: Apply knowledge of basic mathematics, science, and engineering fundamentals, and an engineering specialization to solve civil engineering problems.

PO 2: Problem Analysis: Identify and analyze well-defined civil engineering problems using modified standard methods.

PO 3: Design/development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.

PO 4: Engineering Tools, Experiments and Testing: Apply modern engineering tools and the appropriate technique to conduct standard tests and measurements.

PO 5: Engineering Practice for Society, Sustainability, and Environment: Apply appropriate technology in the context of society, sustainability, environment, and ethical practices.

PO 6: Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.

PO 7: Life Long Learning: The diploma holder of civil engineering will be able to analyze individual needs and engage in updating in the context of technological changes in the field of civil engineering

PROGRAM SPECIFIC OUTCOMES (PSOS)

PSO 1: To apply technical skills and modern civil engineering tools and software to analyze and design civil engineering structures.

PSO 2: To participate in critical thinking and problem-solving in the civil engineering field that requires analytical and design requirements.

PSO 3: To maintain equipment and instruments related to civil engineering.

GOVERNMENT POLYTECHNIC KATIHAR

Electronics Engineering Department

PROGRAM EDUCATION OUTCOMES (PEOS)

VISION

To be a leading center of excellence in electronics engineering education, fostering innovation, technical skills, and ethical values in diploma students, empowering them to meet the challenges of the ever-evolving global technology landscape.

MISSION

1. Deliver Quality Technical Education:

To provide students with a strong foundation in electronics engineering through a blend of theoretical knowledge and hands-on practical experience, ensuring they are industry-ready.

2. Foster Innovation and Problem Solving Skills:

To encourage creativity and critical thinking in students, enabling them to develop innovative solutions to real-world technological challenges.

3. Promote Ethical and Professional Growth:

To instill strong ethical values and professionalism in students, preparing them to become responsible engineers and lifelong learners in the evolving field of electronics engineering.

1. PEO 1: Core Competency and Application: Graduates will possess a strong foundation in electronics engineering and will be able to apply theoretical knowledge and practical skills in designing, maintaining, and troubleshooting electronic systems across diverse industries.

2. PEO 2: Innovation and Lifelong Learning: Graduates will demonstrate continuous professional development, adaptability to emerging technologies, and creative thinking to solve real-world engineering challenges. They will pursue further studies and stay updated with the latest technological trends.

3. PEO 3: Ethical and Professional Leadership: Graduates will exhibit professional ethics, effective communication, teamwork, and leadership qualities, ensuring they contribute responsibly and efficiently to the development of society and industry.

PROGRAM OUTCOMES (POS)

PO 1: Engineering Knowledge: Apply the fundamental knowledge of mathematics, science, and electronics engineering to solve engineering problems.

PO 2: Problem Analysis: Identify, analyze, and provide efficient solutions to engineering problems in the field of electronics.

PO 3: Design and Development of Solutions: Design and develop electronic circuits and systems to meet desired specifications, with considerations for safety, efficiency, and sustainability.

PO 4: Engineering Tools: Utilize modern tools and techniques, including software and hardware, to model, simulate, and analyze complex engineering problems.

PO 5: Industrial Practices and Sustainability: Apply principles of industrial automation, embedded systems, and renewable energy technologies in engineering practices, promoting sustainability and environmental responsibility.

PO 6: Project Management: Demonstrate knowledge and skills in managing projects, including planning, budgeting, and execution, while considering the engineering, economic, and societal impacts.

PO 7: Lifelong Learning

Recognize the need for, and engage in, lifelong learning to adapt to technological changes and advances in the field of electronics engineering.

PROGRAM SPECIFIC OUTCOMES (PSOS)

PSO 1: Design the electronic circuits for various applications using modern tool and troubleshoot techniques considering safety and environmental.

PSO 2: Collaborate in multidisciplinary teams to solve real time electronics related problem and communicate effectively

GOVERNMENT POLYTECHNIC KATIHAR

Electrical Engineering Department

PROGRAM EDUCATION OUTCOMES (PEOS)

VISION

To provide productive knowledge and shape the problem-solving skills of the student in the field of Electrical Engineering with an aim to prepare the students for industry need, carry out research ideas and social benefit.

MISSION

1. To prepare the students with strong basic concepts, analytical capability, problem solving skills for industry society and environment.
2. To improve department industry collaboration through internship program and interaction with institute and students through seminar/workshops/ Visits.
3. To Imbibe a self-learning attitude and professional ethics in students.

PEO 1: To develop ability in creativity & troubleshooting of Electrical Components and impart knowledge and skills for analyse, design, test and implement various devices of Electrical Engineering.

PEO 2: To pursue higher education, research methodologies or entrepreneurship.

PROGRAM OUTCOMES (POS)

PO 1: Basic and Discipline specific knowledge: Apply Knowledge of basic mathematics, science and engineering fundamentals, and an engineering specialization to solve Electrical engineering problems.

PO 2: Problem Analysis: Identify and analyze well defined Electrical engineering problems using modified standard methods.

PO 3: Design/development of solutions: Design solutions for well defined technical problems and assist with the design of systems components or processes to meet specified needs.

PO 4: Engineering Tools, Experiments and Testing: Apply modern engineering and the appropriate technique to conduct standard tests and measurements.

PO 5: Engineering Practice for Society, Sustainability and Environment: Apply appropriate technology in the context of society, sustainability, environment, and ethical practices.

PO 6: Project Management: use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.

PO 7: Life Long Learning: The diploma holder of Electrical engineering will be able to analyze individual needs and engage in updating in the context of technological changes in the field of electrical engineering.

PROGRAM SPECIFIC OUTCOMES (PSOS)

PSO 1: To apply technical skills and modern electrical engineering tools and software to analyze and design Electrical engineering structures.

PSO 2: To participate in critical thinking and problem-solving in the electrical engineering field that requires analytical and design requirements.

PSO 3: To maintain equipment and instruments related to electrical engineering.

GOVERNMENT POLYTECHNIC KATIHAR

Mechanical Engineering Department

PROGRAM EDUCATION OUTCOMES (PEOS)

VISION

To cultivate technically proficient students with strong leadership skills, confident attitude, and a strong sense of social responsibility.

MISSION

1: To provide students with a comprehensive understanding of key technical concepts in mechanical engineering, fostering a strong foundation for academic excellence and technical proficiency.

2: To provide our students with a comprehensive education that integrates state-of-the-art laboratory facilities, cutting-edge technical courses, and hands-on industrial training to bridge the gap between industry and academic.

3: To foster critical thinking, social responsibility, and ethical practices, enabling students to develop leadership qualities to make a meaningful contribution to society.

PEO 1: Educate students to develop and apply a comprehensive set of skills in engineering design, thermal systems, modelling, manufacturing, and management to create sustainable solutions for real-world challenges in industry and society

PEO 2: Foster students' growth into responsible professionals who actively contribute to projects that uphold industrial ethics, promoting sustainable development and national progress.

PROGRAM OUTCOMES (POS)

PO 1: Impart basic knowledge in engineering and specialized knowledge in mechanical engineering.

PO 2: Conduct, and interpret experiments to enable students to analyse and solve real-world problems.

PO 3: Utilize modern engineering tools, techniques, and technologies to design, develop, and implement innovative solutions.

PO 4: Recognize the societal, health, safety, legal, and cultural implications of engineering practices and demonstrate a commitment to responsible and ethical decision-making in project management.

PO 5: Assess the environmental and societal impact of engineering solutions and demonstrate a knowledge of sustainable development principles.

PO 6: Uphold ethical standards and principles in engineering practice, and demonstrate a commitment to professional responsibility and accountability.

PO 7: Embrace lifelong learning, recognizing the need for continuous professional development in response to technological advancements and evolving industry needs.

PROGRAMME SPECIFIC OUTCOMES (PSOS)

PSO 1: The program must apply specific program principles to design, fabrication, testing, operation, or documentation of basic mechanical systems or processes.

PSO 2: The program is intended to develop students in such a way that they can design and develop sustainable products that can be beneficial for the society.

GOVERNMENT POLYTECHNIC KATIHAR

Computer Science & Engineering Department

PROGRAM EDUCATION OUTCOMES (PEOS)

VISION

1. To promote excellence in learning, teaching and technology transfer.
2. To improve the quality of skilled workforce through a structured program and professional skills

MISSION

1. To provide strong theoretical and practical background across the computer science discipline with an emphasis on software development.
2. To provide exposure to students to the latest tools and technologies in the area of computer hardware and software.
3. To create, share, and apply knowledge in Computer Science, including interdisciplinary areas that extend the scope of Computer Science and benefit humanity.
4. Empowering the youth in rural communities with computer education to setup self employment.

PEO1: To produce graduates who have strong foundation of knowledge and skills in the field of computer science and engineering.

PEO2: To produce graduates who are employable in industries/public sector/research organizations or work as an entrepreneur.

PEO3: To produce graduates who can provide solutions to challenging problems in their profession by applying computer engineering theory and practices.

PEO4: To produce graduates who can provide leadership and are effective in multidisciplinary environment.

PROGRAM OUTCOMES (POS)

PO 1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO 6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PROGRAM SPECIFIC OUTCOMES (PSOS)

PSO1: The Students Will be Able to Analyse And design a system to meet desired needs, using basic knowledge of science, mathematics and technology in view to keep pace with recent development.

PSO2: Computer engineering students will be able to plan and perform various activities on Software projects.



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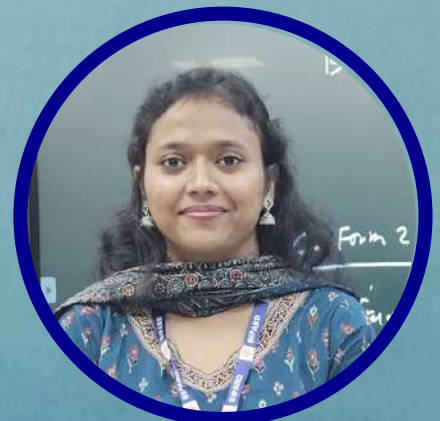
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ER. KUNDAN KUMAR
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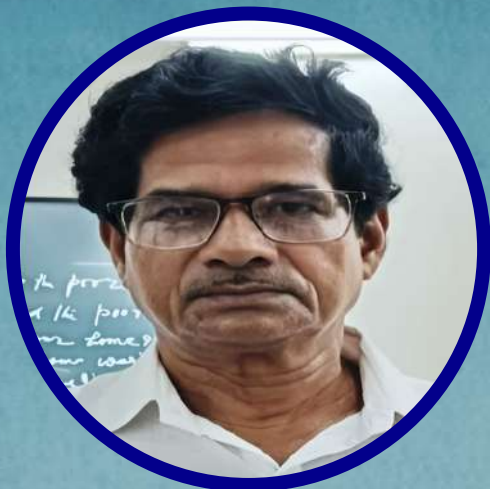


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MR. GAJANAND RAJAK
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MR. AMRENDRA KUMAR
(PHY. GUEST LECTURER)



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(MATH GUEST LECTURER)



MR. ASHOK KUMAR GUPTA
(MATH GUEST LECTURER)





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(HEAD CLERK)**



**MR. MANOJ KUMAR
(CLERK)**



**KUMARI RANJU YADAV
(CLERK)**



Department Of Civil Engg..

Celebrating Excellence:

Our Top Achievers

3rd Year Topper



OM KUMAR

1st topper
(87.06%)



BABLU KUMAR

2nd topper
(86.50%)



ANSHU CHAUDHARY

1st topper
(89.60%)



AMRIT KUMAR

2nd topper
(88.53%)

1st Year Topper



ARYAN KUMAR

(87.70%)



Department Of Electronics Engg..

Celebrating Excellence: Our Top Achievers

3rd Year Topper



SAUMYA RAJ

1st topper
(85.20%)



KAVITA KUSUM

2nd topper
(82.40%)

2nd Year Topper



MAMTA KUMARI

1st topper
(77.06%)



RITIK KUMAR PASWAN

2nd topper
(75.86%)

1st Year Topper



PALLAVI KUMARI

(77.80%)



Department Of Electrical Engg..

Celebrating Excellence: Our Top Achievers

3rd Year Topper



SUDHANSHU RANJAN

1st topper
(88%)



KUMAR SUNNY

2nd topper
(84.40%)

2nd Year Topper



ANKIT ANAND

1st topper
(84.50%)



VIVEK KUMAR

2nd topper
(82.80%)

1st Year Topper



SITHUN KUMAR

(81.40%)



Department Of Mechanical Engg..

Celebrating Excellence:

Our Top Achievers

3rd Year Topper



SHIV SHANKAR KUMAR

1st topper
(87.80%)



SONU KUMAR

2nd topper
(86.60%)

2nd Year Topper



KHUSHI KUMARI

1st topper
(83.06%)



MONU KUMAR BHAGAT

2nd topper
(82.10%)

1st Year Topper



JAYANT KUMAR

(79.90%)



Department Of Computer Sc. Engg..

Celebrating Excellence:

Our Top Achievers

2nd Year Topper



NACHIKETA KUMAR

1st topper
(83.2%)



ADITYA KUMAR

2nd topper
(82.53%)

1st Year Topper



KUMARI SULAKSHI

(89.7%)



LABORATORIES



PRACTICALS



Seminars & Workshops

INTRODUCTION TO ROBOTICS



Govt. Polytechnic, Katihar organized an expert lecture on Robotics on 14th November 2024. The lecture was delivered by Dr. Karali Patra, a renowned expert in Robotics "Robotics has revolutionized various sectors, and its potential is vast. Our goal is to inspire and equip students with the necessary skills to contribute to this field.

Dr. Karali Patra

Department of Mechanical Engineering
IIT PATNA



NATS

GP Katihar Students proud to have participated in the National Apprenticeship Training Scheme (NATS), a pioneering initiative that empowers young individuals like me with industry-specific skills and hands-on experience



Seminars & Workshops



VIRTUAL LAB

GP Katihar organizing a online mode workshop on Virtual Lab by IIT DELHI !

Speaker:- Chirag Dey & Jassi Prasad



FINANCIAL LITERACY PROGRAM

FINANCIAL LITERACY PROGRAM Webinar held in Government Polytechnic Katihar on 28th Feb 2025

The webinar focused on financial planning, investment precautions, and risk awareness, providing unbiased insights for informed decision-making.



Seminars & Workshops

WORKSHOP ON ROBOTICS



Government Polytechnic Institute, Katihar, run under the Department of Science, Technology, and Technical Education, Bihar, is conducting an eight-day Hands-on Robotics workshop from 3 to 10 March 2025. Organised in collaboration with Amira Cadzone Services Pvt. Ltd., this workshop is equipping students with practical skills in robotics and cutting-edge technology.

Industrial Training & visit

“



Industrial Training & visit



STUDENT POWER IN TECH

HACKATHON



STUDENTS OF GOVERNMENT POLYTECHNIC KATIHAR PROUDLY PARTICIPATED IN THE SMART BIHAR HACKATHON 2024 HELD AT GOVERNMENT POLYTECHNIC PURNEA. THEIR INNOVATIVE SPIRIT AND TEAMWORK SHOWCASED THE TALENT AND POTENTIAL OF OUR INSTITUTION ON A COMPETITIVE STATE PLATFORM.

SCIENCE MELA



STUDENTS OF GOVERNMENT POLYTECHNIC KATIHAR ENTHUSIASTICALLY TOOK PART IN THE SCIENCE MELA 2024 ORGANIZED AT KATIHAR ENGINEERING COLLEGE. THEIR CREATIVE PROJECTS AND SCIENTIFIC APPROACH HIGHLIGHTED THEIR PASSION FOR INNOVATION AND LEARNING.

THE WINNING MOMENT

HACKATHON



CONGRATULATIONS TO OUR BRILLIANT 6TH SEMESTER MECHANICAL DEPARTMENT STUDENT FOR WINNING THE SMART HACKATHON WITH AN OUTSTANDING PROJECT ON **TRAIN ACCIDENT PREVENTION**. YOUR INNOVATIVE THINKING AND ENGINEERING SKILLS HAVE BROUGHT FORWARD A SOLUTION THAT CAN SAVE COUNTLESS LIVES. THIS ACHIEVEMENT REFLECTS YOUR DEDICATION, CREATIVITY, AND PROBLEM-SOLVING EXCELLENCE. WE ARE PROUD TO SEE SUCH TALENT MAKING A REAL-WORLD IMPACT. KEEP PUSHING BOUNDARIES AND INSPIRING OTHERS WITH YOUR WORK!

SCIENCE MELA



CONGRATULATIONS TO THE 6TH SEMESTER CIVIL DEPARTMENT STUDENT FOR WINNING 2ND PRIZE AT THE SMART MELA WITH A GROUNDBREAKING **DEVICE FOR PARALYSIS PATIENTS**, AND TO THE MECHANICAL DEPARTMENT STUDENT FOR SECURING 3RD PRIZE WITH AN INNOVATIVE PROJECT ON **TRAIN ACCIDENT PREVENTION**. YOUR HARD WORK AND INGENUITY ARE TRULY INSPIRING!



INHOUSE EVENTS

EARTHQUAKE AWARENESS WEEK

In observance of Earthquake Awareness Week from January 15 to 21, 2024, Government Polytechnic Katihar organized a series of informative and engaging activities aimed at enhancing disaster preparedness among students and staff. The week commenced with a spirited rally led by the Principal, faculty, and students, which traversed key areas of the campus, disseminating vital information on earthquake safety measures. This initiative was part of a broader district-wide campaign coordinated by the Bihar State Disaster Management Authority, which included street plays, awareness chariots, and mock drills to educate the community on effective response strategies during seismic events.



INHOUSE EVENTS

01 MAY 2024

BLOOD DONATION CAMP

A blood donation camp was successfully organized on the college campus, where both faculty and students participated actively, demonstrating a strong commitment to social responsibility and community welfare.

04 SEPT 2024

DEWORMING DAY

Deworming Day was successfully organized on campus, promoting better health among students through awareness activities and the administration of deworming medication



06 SEPT 2024

YOGA SESSION

A regular yoga session, conducted by a professional yoga trainer, is being held on the college campus to promote physical well-being, mental clarity, and a healthy lifestyle among students and staff.



INHOUSE EVENTS

08 SEPT 2024

QUIZ & DEBATE COMPETITION PRIZE DISTRIBUTION

Winners of the quiz and debate competitions were honored in a brief prize distribution ceremony. Trophies and certificates were awarded, celebrating the students' knowledge, confidence, and speaking skills.

10 AUG 2024

INDIAN ARMY VISIT

Our college was honored to host the Indian Army for an enlightening session on the Agniveer recruitment initiative. Students gained valuable insights into the selection process, career opportunities, and the spirit of serving the nation.



15 AUG 2024

TOPPER PRIZE DISTRIBUTION

On this Independence Day, GP Katihar proudly celebrated academic excellence through a special Prize Distribution Ceremony. Congratulations to all our toppers!



INHOUSE EVENTS

02 OCT 2024

SWACHHATA ABHIYAN

Under the Swachhata Abhiyan initiative, Government Polytechnic Katihar organized a cleanliness drive, actively engaging students and staff in promoting hygiene, environmental awareness, and community responsibility within and around the campus.



28 NOV 2024

PLEDGE AGAINST CHILD MARRIAGE

Students and staff of G.P. Katihar united in the college assembly to take a strong pledge against child marriage, reaffirming their commitment to building a future where every child enjoys the right to education, freedom, and dignity



06 JAN 2025

DM VISIT

Honored to host DM Katihar, Shri Manesh Kumar Meena Sir and SP Katihar, Shri Vaibhav Sharma Sir at Government Polytechnic, Katihar! Their visit was a testament to the importance of technical education in shaping the future of Bihar's youth!



PARENT - TEACHER MEETING





WOMEN'S DAY CELEBRATION



“GP Katihar” proudly celebrated Women's Day, honoring the strength, resilience, and achievements of the incredible women who inspire us every day! Here's to empowerment, equality, and a brighter future led by strong women.

VISHWAKARMA PUJA CELEBRATION



SPORTS (UMANG-25)



INAUGURATION
BY
DM KATIHAR



ER. HIMANSHU KUMAR
CIVIL DEPT.
SPORTS INCHARGE

On 11 January 2025 – **Umang2025, Purnea Division Sports Festival and Cultural Festival** was inaugurated today at Government Polytechnic, Katihar. The three-day event held from 11th to 13th January, in which students and teachers of all the four Government Polytechnics of Purnea Division, Araria, Kishanganj, Purnea, Katihar had participated, whose total number is about 450. Umang 2025 includes various sports like cricket, volleyball, kabaddi, badminton, carrom, chess, 100 m race, 200 m race, shoot put, javelin, discus throw, table tennis, high jump, long jump, 4*100 m relay race, quiz, poster making, story writing, essay writing, extempore speech, etc. This sports provides an important platform to showcase talent, sportsmanship and cultural excellence.

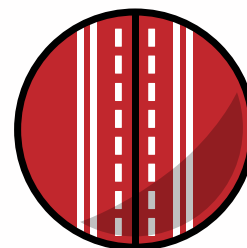
District Magistrate Mr. Manesh Kumar Meena, Superintendent of Police Mr. Vaibhav Sharma were present as the chief guest in the inaugural ceremony and Principal of Katihar Engineering College **Dr. Ranjana Mam**, Principal of Government Polytechnic Purnea **Dr. Sanjay Kumar** were present as special guests. **Dr Ravi Kumar** Principal, Government Polytechnic Katihar welcomed all the guests and expressed gratitude for their arrival.

Dr Ravi Kumar (Principal), Government Polytechnic Katihar motivated the students and said that the students should participate with sportsmanship. Victory and defeat are a part of life, but honesty and dedication towards sports is most important

The program was concluded with a vote of thanks by Er. Abhishek Kumar, lecturer of Government Polytechnic Katihar.

UMANG IN ACTION

CRICKET



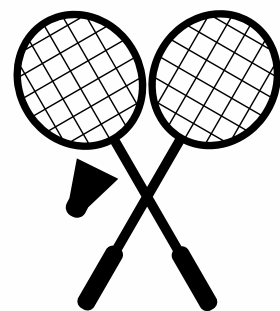
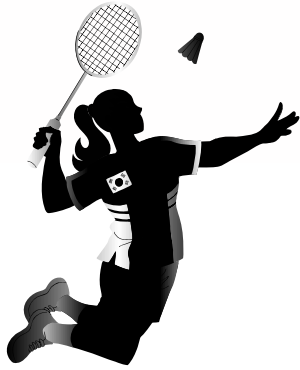
VOLLEYBALL



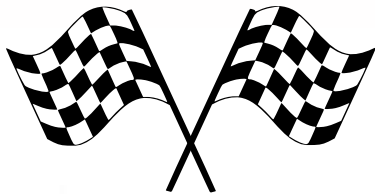
KABADDI



BADMINTON



OTHER OUTDOOR GAMES



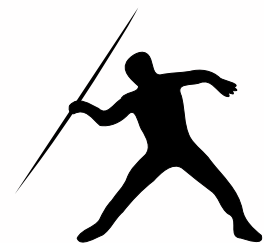
100 METER RACE



HIGH JUMP



JAVELIN THROW



INDOOR GAMES



CHESS



CARROM

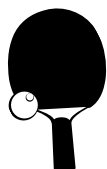


TABLE TENNIS



PAINTING



DEBATE

STATE LEVEL SPORTS WINNER

**OUR FACULTY
CHAMPION**



Volleyball Team



**OUR STUDENT
CHAMPIONS**



Inauguration



Er. Amit Kumar

Electronics Dept.

Extra co- curricular activity in-charge

On, 31st January 2025 – Government Polytechnic Katihar hosted its much-awaited annual event, **Malang 2025**, a grand celebration of talent and culture. The event marked both the establishment anniversary of the institute and a vibrant cultural festival that showcased the diverse talents of its students.

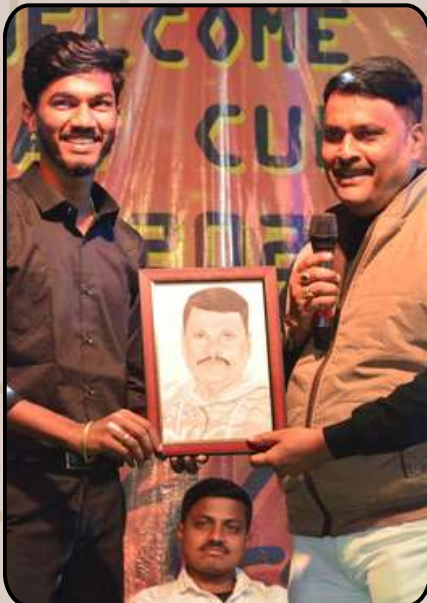
The festival was inaugurated by the esteemed Principal Dr. Ravi Kumar who expressed his excitement for the creativity and active participation of the students. The event included a number of exciting activities including flash mobs, street plays, drama, dance, singing, traditional costume competitions, poetry and instrumental music with the main theme of celebrating artistic expression and student unity.

Apart from the cultural performances, Malang 2025 also saw the distribution of prizes to the winners of Umang 2025, an inter-level sports event that recognized the athletics potential of the students.

The drama performance (Importance of Vote) highlighted the importance of voting in a democratic society, while the street play focused on Swachhata Hi Seva Hai, which spread awareness about cleanliness and social responsibility. These performances engaged the audience in meaningful and thought-provoking ways.

Around 200 students participated in the various events, who gave around 60 performances and presentations throughout the day. The event was also supported by a dedicated team of faculty members and staff. Er. Amit Kumar (Faculty Coordinator), and Er. Himanshu Kumar played a vital role in making the event a success.

The celebration was a true reflection of the talent, creativity and enthusiasm of the students of Government Polytechnic Katihar, bringing together the power of culture in a unified celebration.







- G.P KATIHAR -



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कटिहार जिला

कटिहार, 31.01.2025 06

पॉलिटेक्निक कॉलेज के स्थापना दिवस पर आज होंगे कई कार्यक्रम



कटिहार, 30 जनवरी: पॉलिटेक्निक कॉलेज का उद्घाटन कार्यक्रम आज सुबह 10 बजे शुरू हो गया। मुख्य अतिथि के रूप में राज्य सरकार के शिक्षा विभाग के सचिव, कटिहार जिला के मुख्य अधिकारी, पॉलिटेक्निक कॉलेज के प्राचार्य और अन्य अधिकारी उपस्थित थे। कार्यक्रम के दौरान प्राचार्य ने कॉलेज के स्थापना दिवस पर आभार व्यक्त किए और छात्रों को प्रोत्साहित किया।

पॉलिटेक्निक कॉलेज में नामांकन को ले विद्यार्थियों की उमड़ रही भीड़

- सत्र 2024-25 के प्रथम सेमेस्टर में नामांकन के दूसरे दिन 76 का नामांकन
- प्राथमिक कौशल प्रशिक्षण के लिए 06 से नौ अग्रस्त तक निर्धारित
- मल्टी कोट से भी आवेदन पर एक छात्र का हंगामा हुआ से नामांकन



पॉलिटेक्निक कॉलेज में प्रथम सेमेस्टर के लिए नामांकन की छात्रों की भीड़। छात्रों की भीड़ का हंगामा हुआ से नामांकन के दूसरे दिन 76 का नामांकन हुआ। प्राचार्य ने छात्रों को प्रोत्साहित किया और कहा कि कॉलेज में शिक्षा का स्तर उच्च रहेगा।

शैक्षणिक प्रदर्शन के साथ कॉलेज परिसर से माता-पिता हुए रुबरू



बैठक में पॉलिटेक्निक कॉलेज के शिक्षक व अभिभावक।

कॉलेज में छात्रों की उपस्थिति से अवगत हुए अभिभावक।

प्रतिनिधि, कटिहार

साथ के भोरवा रौतका स्थित राजकीय पॉलिटेक्निक कॉलेज में सत्र 2024-25 के प्रथम सेमेस्टर के नामांकन के दौरान छात्रों की उपस्थिति से अवगत हुए अभिभावक। प्राचार्य ने छात्रों को प्रोत्साहित किया और कहा कि कॉलेज में शिक्षा का स्तर उच्च रहेगा।

सेना में भर्ती को लेकर युवाओं को किया जागरूक



कटिहार, भोरवा रौतका अवस्थित राजकीय पॉलिटेक्निक कॉलेज में सत्र 2024-25 के प्रथम सेमेस्टर के नामांकन के दौरान छात्रों की उपस्थिति से अवगत हुए अभिभावक। प्राचार्य ने छात्रों को प्रोत्साहित किया और कहा कि कॉलेज में शिक्षा का स्तर उच्च रहेगा।

कटिहार: प्लेसमेंट ड्राइव में 160 छात्र ने लिया भाग

कटिहार, एक संवाददाता राजकीय पॉलिटेक्निक कॉलेज में ऑनलाइन प्लेसमेंट ड्राइव आयोजन। छात्रों को प्रोत्साहित किया और कहा कि कॉलेज में शिक्षा का स्तर उच्च रहेगा।

पॉलिटेक्निक कॉलेज के विद्यार्थियों ने सफाई का लिया संकल्प



राजकीय पॉलिटेक्निक कॉलेज में गांधी की जयंती पर साफ-सफाई करते प्राचार्य, शिक्षक व अन्य।

प्रतिनिधि, कटिहार

राष्ट्रपिता महात्मा गांधी व पूर्व प्रधानमंत्री लालबहादूर शास्त्री की जयंती एक साथ भोरवा रौतका अवस्थित राजकीय पॉलिटेक्निक कॉलेज में धूमधाम से मनायी गयी। इस मौके पर पॉलिटेक्निक कॉलेज में विद्यार्थियों ने सफाई को लेकर संकल्प लिया, बुधवार को बापू के विशेष सप्ताह को साकार करने में छात्रों से लेकर कॉलेज के शिक्षक व प्राचार्य ने

रूपेश व सरोज का आइटीआइ कॉलेजों में प्रशिक्षण अधिकारी के रूप में चयन

छात्रों को प्रोत्साहित किया और कहा कि कॉलेज में शिक्षा का स्तर उच्च रहेगा।



रूपेश कुमार, सरोज कुमार।

पॉलिटेक्निक कॉलेज में प्रथम सेमेस्टर के लिए नामांकन की छात्रों की भीड़। छात्रों की भीड़ का हंगामा हुआ से नामांकन के दूसरे दिन 76 का नामांकन हुआ। प्राचार्य ने छात्रों को प्रोत्साहित किया और कहा कि कॉलेज में शिक्षा का स्तर उच्च रहेगा।

हिन्दुस्त



समस्या का पराम लक्ष्य करने पॉलिटेक्निक कॉलेज के छात्र।

पॉलिटेक्निक के छात्रों का रहा जलवा

कटिहार, बटना में आयोजित राजकीय पॉलिटेक्निक कॉलेज में सत्र 2024-25 के प्रथम सेमेस्टर के नामांकन के दौरान छात्रों की उपस्थिति से अवगत हुए अभिभावक। प्राचार्य ने छात्रों को प्रोत्साहित किया और कहा कि कॉलेज में शिक्षा का स्तर उच्च रहेगा।

पॉलिटेक्निक कॉलेज में पहुंचाया जा रहा सिंगल तार

कटिहार, एक संवाददाता राजकीय पॉलिटेक्निक कॉलेज में ऑनलाइन प्लेसमेंट ड्राइव आयोजन। छात्रों को प्रोत्साहित किया और कहा कि कॉलेज में शिक्षा का स्तर उच्च रहेगा।

PLACEMENT STATS

GOVERNMENT POLYTECHNIC KATIHAR

List of placed students for the session 2024-25

S.No.	Name of student	Branch	Name of Company
1	Nitin Turi	Mechanical	KRISHNA MARUTI LIMITED
2	Prince kumar	Mechanical	KRISHNA MARUTI LIMITED
3	Krishna kumar Thakur	Mechanical	KRISHNA MARUTI LIMITED
4	Rahul Raj	Mechanical	KRISHNA MARUTI LIMITED
5	Shivam kumar	Mechanical	KRISHNA MARUTI LIMITED
6	Nitish kumar	Mechanical	KRISHNA MARUTI LIMITED
7	Kislay kumar	Mechanical	KRISHNA MARUTI LIMITED
8	Raj Kumar	Mechanical	KRISHNA MARUTI LIMITED
9	Manish kumar	Mechanical	KRISHNA MARUTI LIMITED
10	Himanshu kumar Yadav	Mechanical	KRISHNA MARUTI LIMITED
11	Prashant kumar	Electrical	KRISHNA MARUTI LIMITED
12	Jeetu Raj Gupta	Electronics	SCHNEIDER ELECTRIC LIMITED
13	Priyanka kumari	Electronics	SCHNEIDER ELECTRIC LIMITED
14	Khushi kumari	Electronics	SCHNEIDER ELECTRIC LIMITED
15	Sweta kumari	Electronics	SCHNEIDER ELECTRIC LIMITED
16	Shoiab Akhtar	Electrical	Tata consulting engineers ltd
17	Sonam Kumari	Electrical	Schwing Stetter india Pvt. ltd
18	Simran Kumari	Electrical	Schwing Stetter india Pvt. ltd
19	Subhash Kumar	Electrical	Schwing Stetter india Pvt. ltd
20	Shivam Kumar	Electrical	Schwing Stetter india Pvt. ltd
21	Shoaib Akhtar	Electrical	Schwing Stetter india Pvt. ltd
22	Ramesh kumar	Electrical	Schwing Stetter india Pvt. ltd
23	Alok kumar	Electrical	Schwing Stetter india Pvt. ltd
24	Mohit kumar	Electrical	Schwing Stetter india Pvt. ltd
25	Utkarsh kumar	Electrical	Schwing Stetter india Pvt. ltd
26	Umesh Kumar	Electrical	Schwing Stetter india Pvt. ltd
27	Indrajeet kumar	Electrical	Schwing Stetter india Pvt. ltd
28	Prabhat kumar	Electrical	Schwing Stetter india Pvt. ltd
29	Anurag kumar	Electrical	Schwing Stetter india Pvt. ltd
30	Narendra kumar	Electrical	Schwing Stetter india Pvt. ltd
31	Tabrez alam	Electrical	Schwing Stetter india Pvt. ltd
32	Rahul kumar	Electrical	Schwing Stetter india Pvt. ltd
33	Chandrashekhar prasad das	Electrical	Schwing Stetter india Pvt. ltd
34	Priti kumari	Electronics	Schwing Stetter india Pvt. ltd
35	Sweta kumari	Electronics	Schwing Stetter india Pvt. ltd
36	Shreya kumari	Electronics	Schwing Stetter india Pvt. ltd
37	Priti kumari	Electronics	Schwing Stetter india Pvt. ltd
38	Ankit kumar	Electronics	Schwing Stetter india Pvt. ltd
39	Prakash Singh	Electronics	Schwing Stetter india Pvt. ltd
40	Nishant kumar	Electronics	Schwing Stetter india Pvt. ltd
41	Raveena Kumari	Mechanical	Schwing Stetter india Pvt. ltd
42	Prince kumar	Mechanical	Schwing Stetter india Pvt. ltd
43	Shubham kumar	Mechanical	Schwing Stetter india Pvt. ltd
44	Raj Kumar	Mechanical	Schwing Stetter india Pvt. ltd
45	Sonu kumar	Mechanical	Schwing Stetter india Pvt. ltd

PLACEMENT STATS

GOVERNMENT POLYTECHNIC KATIHAR

List of placed students for the session 2024-25

S.No.	Name of student	Branch	Name of Company
46	Rahul Raj	Mechanical	Schwing Stetter india Pvt. ltd
47	Kislay kumar	Mechanical	Schwing Stetter india Pvt. ltd
48	Himanshu kumar Yadav	Mechanical	Schwing Stetter india Pvt. ltd
49	Kundan Raj	Mechanical	Schwing Stetter india Pvt. ltd
50	Amar Kumar	Mechanical	Schwing Stetter india Pvt. ltd
51	Raj kumar	Mechanical	Mahle anand Thermal pvt ltd.
52	Himanshu kumar Yadav	Mechanical	Mahle anand Thermal pvt ltd.
53	Kislay kumar	Mechanical	Mahle anand Thermal pvt ltd.
54	Sonu kumar	Mechanical	Mahle anand Thermal pvt ltd.
55	MilanKumar	Mechanical	Mahle anand Thermal pvt ltd.
56	Chinku kumar	Electronics	Mahle anand Thermal pvt ltd.
57	Ashish kumar	Electronics	Mahle anand Thermal pvt ltd.
58	Amit Kumar	Electronics	Mahle anand Thermal pvt ltd.
59	Navish kumar	Electrical	Mahle anand Thermal pvt ltd.
60	Raushan kumar	Electrical	Mahle anand Thermal pvt ltd.
61	Prashant kumar	Electrical	Mahle anand Thermal pvt ltd.
62	Munna kumar	electronics	Academika Lab Solutions
63	Laljeet Rishi	electronics	Epitome Components pvt.ltd
64	Pintu kumar	electronics	Epitome Components pvt.ltd
65	Manoj kumar Mandal	electronics	Epitome Components pvt.ltd
66	Devrat kumar vats	electronics	Epitome Components pvt.ltd
67	Munna kumar	electronics	Epitome Components pvt.ltd
68	Ashish kumar	electronics	Epitome Components pvt.ltd
69	Chinku kumar	electronics	Epitome Components pvt.ltd
70	Amit Kumar	electronics	Epitome Components pvt.ltd
71	Shivam kumar	Mechanical	JSW ,Dolvi Maharashtra
72	Sonu Kumar	Mechanical	JSW ,Dolvi Maharashtra
73	Nitish Kumar	Mechanical	JSW ,Dolvi Maharashtra
74	Krishan Kumar	electronics	Efftronics System Pvt. ltd.
75	Aman Raj	electronics	Efftronics System Pvt. ltd.
76	Ravindra Kumar	electronics	Efftronics System Pvt. ltd.
77	Kundan Kumar	electronics	Efftronics System Pvt. ltd.
78	Ujjwal kumar	Mechanical	GE Aerospace
79	Ankit Kumar	Mechanical	GE Aerospace
80	Amarjeet Kumar	Mechanical	GE Aerospace
81	Krish Kumar	Electrical	GE Aerospace
82	Suman choudhary	Electrical	GE Aerospace
83	Prince kumar	Electrical	GE Aerospace
84	Rambabu kumar	Electrical	Tata passenger Electric Mobility
85	Mohan kumar	Electrical	Tata passenger Electric Mobility
86	Ritu Raj	Electrical	Tata passenger Electric Mobility
87	Rishabhraj Chaudhary	Electrical	Tata passenger Electric Mobility
88	Neha Kumari	Electrical	Tata passenger Electric Mobility
89	Sangita Kumari	Electrical	Tata passenger Electric Mobility
90	Shiv shankar kumar	Mechanical	Tata passenger Electric Mobility

PLACEMENT STATS

GOVERNMENT POLYTECHNIC KATIHAR

List of placed students for the session 2024-25

S.no.	Name of student	Branch	Name of Company
91	Sandeep kumar	Mechanical	Tata passenger Electric Mobility
92	Ravi ranjan kumar	Mechanical	Tata passenger Electric Mobility
93	Md Dilshad Alam	Electrical	JKTyre & industries limited
94	Aditya kumar	Electrical	JKTyre & industries limited
95	Ajit kumar pandit	Electrical	JKTyre & industries limited
96	Rahul Kumar	Mechanical	JKTyre & industries limited
97	Sonu kumar	Mechanical	Hitachi Astemo pvt ltd
98	Arjun patel	Mechanical	Hitachi Astemo pvt ltd
99	Shivam kumar	Mechanical	Hitachi Astemo pvt ltd
100	Shivam kumar	Mechanical	JSW ,Dolvi Maharashtra
101	Sonu Kumar	Mechanical	JSW ,Dolvi Maharashtra
102	Nitish Kumar	Mechanical	JSW ,Dolvi Maharashtra
103	Krishan Kumar	electronics	Efftronics System Pvt. Ltd.
104	Aman Raj	electronics	Efftronics System Pvt. Ltd.
105	Ravindra Kumar	electronics	Efftronics System Pvt. Ltd.
106	Kundan Kumar	electronics	Efftronics System Pvt. Ltd.
107	Ujjwal kumar	Mechanical	GE Aerospace
108	Ankit Kumar	Mechanical	GE Aerospace
109	Amarjeet Kumar	Mechanical	GE Aerospace
110	Krish Kumar	Electrical	GE Aerospace
111	Suman choudhary	Electrical	GE Aerospace
112	Prince kumar	Electrical	GE Aerospace
113	Rambabu kumar	Electrical	Tata passenger Electric Mobility
114	Mohan kumar	Electrical	Tata passenger Electric Mobility
115	Ritu Raj	Electrical	Tata passenger Electric Mobility
116	Rishabhraj Chaudhary	Electrical	Tata passenger Electric Mobility
117	Neha Kumari	Electrical	Tata passenger Electric Mobility
118	Sangita Kumari	Electrical	Tata passenger Electric Mobility
119	Shiv shankar kumar	Mechanical	Tata passenger Electric Mobility
120	Sandeep kumar	Mechanical	Tata passenger Electric Mobility
121	Ravi ranjan kumar	Mechanical	Tata passenger Electric Mobility
122	Md Dilshad Alam	Electrical	JKTyre & industries limited
123	Aditya kumar	Electrical	JKTyre & industries limited
124	Ajit kumar pandit	Electrical	JKTyre & industries limited
125	Rahul Kumar	Mechanical	JKTyre & industries limited
126	Sonu kumar	Mechanical	Hitachi Astemo pvt ltd
127	Arjun patel	Mechanical	Hitachi Astemo pvt ltd
128	Shivam kumar	Mechanical	Hitachi Astemo pvt ltd
129	Chintu kumar	Electrical	SKH Metals
130	Suman Choudhary	Electrical	SKH Metals
131	Shushant Kumar	Electrical	SKH Metals
132	Ranjan Kumar	Electrical	SKH Metals
133	Aditya Kumar	Electrical	SKH Metals
134	Md Dilshad Alam	Electrical	SKH Metals

PLACEMENT STATS

GOVERNMENT POLYTECHNIC KATIHAR

List of placed students for the session 2024-25

S.no.	Name of student	Branch	Name of Company
135	Rambabu Patel	Electrical	SKH Metals
136	Vishal Kumar	Electrical	SKH Metals
137	Kailash Kumar	Electrical	SKH Metals
138	Gulshan Kumar	Electrical	SKH Metals
139	Shivam Kumar	Electrical	SKH Metals
140	Satyam Kumar	Electrical	SKH Metals
141	Kundan Kumar Pandit	Electrical	SKH Metals
142	Satish Kumar	Electrical	SKH Metals
143	Sujeet Kumar	Electrical	SKH Metals
144	Rishab Raj	Electrical	SKH Metals
145	Shiv Shankar Kumar	Mechanical	Larson & Turbo
146	Shivam Kumar	Mechanical	Larson & Turbo
147	Kundan Kumar	Mechanical	Larson & Turbo
148	Anand Kumar	Electrical	SKH Metals
149	Krish Kumar	Electrical	Cummins India Ltd
150	Ankit Kumar	Electrical	Cummins India Ltd
151	Ashish Kumar	Mechanical	Cummins India Ltd
152	Kundan Kumar	Mechanical	Cummins India Ltd
153	Amit Kumar Singh	Mechanical	Cummins India Ltd
154	Rahul Raj	Mechanical	Cummins India Ltd
155	Md Suleman Rahmani	Mechanical	Kala Genset Pvt. Ltd
156	Rambabu Patel	Electrical	SKH Metals
157	Vishal Kumar	Electrical	SKH Metals
158	Kailash Kumar	Electrical	SKH Metals
159	Gulshan Kumar	Electrical	SKH Metals

"Success in placements doesn't always mean the highest package - it means finding the right place where your passion and skills meet purpose.

The real reward is knowing your hard work mattered"

STUDENT'S CORNER PAINTING



Vishal Kumar pandit (2nd sem, CE)



Shubham Kumari (6th sem, CE)



Kishan Kumar (6th sem, CE)



Nidhi Kumari (2ndsem, EE)



Aditya Kumar Paswan (2ndsem, EE)

sketch

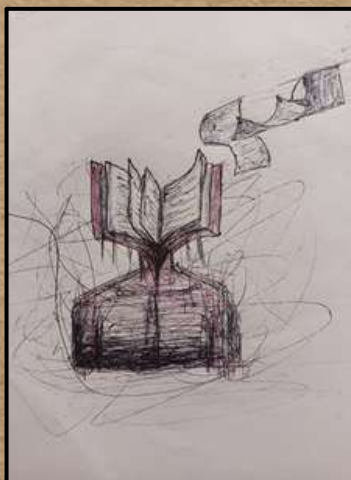


Aman Kumar (4th sem, CE)



Pawan Kumar (2nd sem, CE)

Anisha Kumari (6th sem, ECE)



Muskan Bharti (2nd sem, CE) Sandhya Kumari (4th sem, CE) Ritik Raj (6th sem, EE)

Poetry

रात धीरे गुजर

ए रात जरा धीरे गुजर मैं कामयाब हुआ नहीं
तुम थोड़ी देर और ठहर काम पूरा हुआ नहीं

मेरा रास्ता आसान नहीं इसमें तकलीफें भरी है
मैं जो सोच रखा हूं वो चीजें आसान नहीं है
मेरी पूरी बात न सुन, पर मान तो थोड़ी सी सही
ए रात जरा धीरे गुजर मैं कामयाब हुआ नहीं
तुम थोड़ी देर और ठहर काम पूरा हुआ नहीं

क्या फर्क पड़ता है, मैं कितना थका हुआ हूं
एक छोटे से कमरे में कैद होकर सबसे जुदा हूं
इस दिल में कष्ट हजार पर किसी से जताता नहीं
ए रात जरा धीरे गुजर मैं कामयाब हुआ नहीं
तुम थोड़ी देर और ठहर काम पूरा हुआ नहीं

जैसे तुम्हारा साथ देता है चांद की चांदनी
तुम भी मेरा साथी बन हो जाऊं मैं रागिनी
जो तू मेरा साथ दे लिख दूं मैं एक नई कहानी
ए रात जरा धीरे गुजर मैं कामयाब हुआ नहीं
तुम थोड़ी देर और ठहर काम पूरा हुआ नहीं

Sonu Kumar
Mechanical 6th sem
(2022-25)

इंजीनियरिंग दुनिया

इंजीनियरिंग की जिंदगी है बड़ी अब्दुत,
सपनों को साकार करना है हमारी क़स्मत।
हर दिन नया चैलेंज, नया है सफर,
सपने साकार करने का है ये हुनर।

पढ़ाई का बोझ और परीक्षा की रात,
फिर भी न थमना, यही है हमारी बात।
विकसित हो हम, सिखते जाएं,
नई-नई तकनीकों से खुद को सजाएं।

कोडिंग की लहरें और गणित के अंक,
समझने में मस्त, न हो कोई शंका।
हर समस्या का हल खोजें सटीक,
इंजीनियरिंग है ज्ञान की एक बड़ी पीक।

डिज़ाइन, निर्माण, और शोध का कार्य,
इसी में है इंजीनियरिंग का मुख्य सार।
समस्याएं आएँ, पर कभी न डरें,
हम मेहनत से हर मुश्किल को पल में सुलझाएं।

कभी देर रात तक लैपटॉप के पास,
पर सच्ची मेहनत का है अपना खास।
इंजीनियरिंग की जिंदगी में है संघर्ष,
पर सफलता की है यह अनमोल यश।

सपने हमें आगे बढ़ने की राह दिखाएं,
इंजीनियर बनकर हम ऊँचाईयों को छू जाएं।

Shivam Kumar
Mechanical 6th sem
(2022-25)

Electronic...

Bump bump bump bump
Thump thump thump
Pump pump pump
Electronic music will make you jump,
Throw in some sewa
and slither oh by God,
we will deliver
Bump bump bump
Repetitive Repetitive Repetitive
Strain injury
That's too compressive repetitive
Reflection the age of mobile
i-pad and wi-fi or whatever
Bump bump bump
Hum hum hum
Let on the Google Whatever happen
to the daily bugle,
Let's do the Google boogie I'm
falling into a trap just go a rap
We know what that rhyme with lol
Thrumming humming and strumming
Can't beat that constant drumming
don't fight your feedback friends
The interwed just never end.
Don't bother cooking out for care
They will see you have got you head in
Mars.
Bump bump bump ...
Yes that music electronics
It's almost supersonic to hear
it is a tonic ever when you're feeling
chronic...

Kavita kusum
Electronics 6th sem
(2022-25)

A Teacher's Light

A teacher's hand, so firm yet kind,
Shapes the hearts
molds the mind.
With every lesson, big or small,
They guide us so we never fall.

Through books and words, they light the way,
Planting seeds that grow each day.
Their patience strong, their wisdom deep,
They give us dreams for us to keep.

So here's to those who teach and care,
Who always give and always share.
For all you do, both near and far,
Dear teachers, you're our guiding star!

Sahil Kumar
Electrical, 4th sem
(2023-26)

पंख नये

नये रास्तों में जब अकेले निकलते हैं
हम लड़खड़ाते हैं कभी कभी गिरते हैं हम

ऐसे ही नहीं तजुर्बे बालों का रंग हैं बदलते
गिर गिर के ठोकरों से सँभलते हैं हम

भरते हैं उड़ाने खुले आसमानों में जब
न जाने कितनी आँखों को चुभते हैं हम

हो जाते हैं लहुलुहान दुनियावी दरतूरों से
हर रोज़ पंख नये मगर बदलते हैं हम ॥

Suman Lal
Electrical 6th sem
(2022-25)

The Unseen Battle: A Story of Strength

In the quiet night so deep,
Lives a heart that does not weep.
Carrying weight no one can see,
Fighting hard just to be free.

They say, "Be strong, don't let tears show,
Hide your pain, don't let it grow."
But deep inside, the heart cries loud,
Lost within the noisy crowd.

Dreams are built with sweat and pain,
Yet the world forgets again.
A silent fight, a hidden scar,

A warrior trapped but meant to go far.
So rise again, don't break, stand tall,
Let no storm make you fall.

Fire is made in the hottest heat,
And those who stay strong never face defeat.

Hold your ground, don't walk away,
Your scars will shine like light one day.

No chains can hold, no walls confine,
A heart that dares to glow and shine.

So move ahead, lift your head high,
Turn your tears into the sky.

For those who fight and dare to dream,
Will one day shine like the sunbeam.

SHIV SHANKAR
Mechanical, 6th sem
(2022-2025)

Born to Win

Now and then, like a bee That's in search of
sweet honey Hovering around garden flowers
May it be on sunny or rainy!

Children at the time of study Sit and meet
their usual friends 'Great treasures' are they
known as What fellowship is this! that never
ends

Numerous books all around They just look like
another mound and just take away sleep
that's sound Everywhere books, only books
are found

"Just have fun, and make merry How often
you fail is never a worry Endure, though you
might grow weary as if you were in a jury."

"All the burden that you bear Stride and
wait a little longer Press on, sowing
everything in tears Ahead, for sure, awaits
you a great cheer."

"And the jury that you fight Is just against
the 'matter of ruin' At the end, you come
triumphing Just because, 'You're born to win'."

Anand Kumar
Electrical 4th Sem
(2023-26)

प्रेरणा और बदलाव

एक समय के बात है। दो दोस्त थे अमित और रोहित एक ही गाँव में रहते थे। दोनों ने साथ में पंदाई को, बड़े हुए, और अपन-अपने सपनों को पूरा करने के लिए शहर चले गए। लेकिन समय के साथ, उनकी सोच और जीवन के प्रति नजरिया अलग हो गया।

अमित का नजरिया था कि वह हर मुश्किल को एक नया अवसर समझा। जब उसे पहली नौकरी नहीं मिली, तो उसने हार नहीं मानी। उसने बल्कि अपने कौशल को निखारने में समय लगाया। उसने किताबें पढ़ी, नई चीजें सीखी, और खुद को बेहतर बनाता रहा। धीरे-धीरे उसकी मेहनत रंग लाई और उसे अंत में एक अच्छी नौकरी मिल गई। फिर भी वह लगातार सीखता रहा और अपने सपनों की ओर बढ़ता गया।

वही दूसरी तरफ रोहित हर वक्त अस्फलता को अपनी किस्मत का दोष देता था। जब उसे नौकरी नहीं मिली, तो उसने खुद को कोसना शुरू कर दिया। वह दूसरों को दोष देता, हालांकि पर रोता लेकिन खुद को सुधारने की कोशिश नहीं कि। धीरे-धीरे वह हताश हो गया और अंत में वह छोटे मोटे काम करके गुजारा करने लगा

परिणाम

कुछ सालों बाद, जब दोनों दोस्तों की मुलाकात आमने सामने हुई, तो अमित एक सफल इंसान बन चुका था, और रोहित अब भी अपनी परेशानियों के लिए दूसरों को दोष दे रहा था। अमित ने रोहित से कहा,

जिंदगी में हारता वही है जो कोशिश करना छोड़ देता है। मैं तुमसे ज्यादा असफल हुआ है। लेकिन हर बार मैंने कुछ सीखा और खुद को बेहतर बनाया। अगर तुम भी अपनी सोच बदलो और मेहनत करो, तो तुम्हारी भी तकदीर बदल सकती है

Lal Krishna Sharma, Electrical, 4th sem (2023-26)

किताब एक दोस्त

कागज की चादर पर शब्दों की बुनाई,
किताब है एक सच्चाई के परतों की परछाई,
अक्षरों की मूरत, विचारों का घर,
हर पन्ना खोलता है, जीवन का सफर।

सुनहरे अक्षर जैसे चमकते सितारे,
कहानी की गहराई में छुपे अनगिनत प्यारे,
ज्ञान की जड़ें, और भावनाओं की राह,
हर शब्द बनाता है, एक नई सुबह की चाह।

इतिहास के पन्नों में जीते हैं कल के रंग,
आधुनिकता की धारा में भविष्य की उमंग,
हर किताब एक मित्र, हर अध्याय एक दोस्त,
सच्चाई और कल्पना का अनमोल संगम पोस्ट।

पढ़ो किताब, खो जाओ उसके भीतर,
पार करो हर दुविधा, और बनो जीवन का चित्र,
ये है ज्ञान का भंडार और सत्य का सागर,
पुस्तक का प्यार, जीवन का आधार।

*Ashutosh Kumar
Civil, 4th Sem
2023-2026*

Whatever Happens, Happens for Good

*Whatever Happened, Happened for the good;
Whatever is Happening, Is Happening for the good;
Whatever Will Happen, will also Happen for the Good
only.*

*You Need Not Have Any Regrets for the past.
You Need Not Worry for the future.
Just accept every situation with a Smile*

*Nitika Patel
electrical, 2nd sem
2024-27*

The Future of Transportation: Hyperloop Technology

Imagine traveling from one city to another in just 30 minutes—faster than any train or airplane today. This might sound like something out of a science fiction movie, but thanks to Hyperloop technology, this future could soon become a reality.

Hyperloop is an exciting new transport system that promises to revolutionize how we travel. And right now, India is at the forefront of this innovation, making huge strides toward bringing this futuristic mode of transport to life. The concept was first published by Elon Musk in 2013, as part of a whitepaper titled "Hyperloop Alpha."

What is Hyperloop ?

Hyperloop is a high-speed transportation system where passenger pods travel inside low-pressure tubes. These tubes, which are almost like vacuum chambers, reduce air resistance and allow the pods to travel at speeds of over 1200 km per hours, much faster than today's trains or airplanes. It uses solar energy to run, which makes it good for the environment.

India's Big Plans for Hyperloop

India has big plans for Hyperloop technology to revolutionize transportation. The most exciting project is the Mumbai-Pune Hyperloop, which could reduce travel time between the two cities from around 3-4 hours to just 25 minutes. This high-speed system would ease congestion, reduce pollution, and provide a faster, eco-friendly way to travel. The Indian government is working with companies like Virgin Hyperloop to explore these projects, and states like Telangana are also interested in building Hyperloop routes to connect major cities. With government support and growing investment, Hyperloop could soon become a reality in India, offering a faster, greener, and more efficient way to travel.



How does Hyperloop work?

Hyperloop works by using a combination of vacuum tubes, magnetic levitation, and linear motors. The system consists of pods that travel through long, sealed tubes with very little air inside, creating a near-vacuum environment. This reduces air resistance, allowing the pods to move at incredibly high speeds.

The pods are lifted off the track using magnets, known as magnetic levitation (maglev), which eliminates friction and ensures smooth movement. Linear induction motors are then used to accelerate and propel the pods forward at fast speeds. The system is designed to be energy-efficient, often using solar power to operate, making it a sustainable and fast way to travel. This combination of technology allows Hyperloop to offer high-speed, frictionless travel, revolutionizing transportation.

Advantage of hyperloop

Hyperloop offers several significant advantages that could transform the way we travel. First and foremost, it provides exceptional speed, drastically reducing travel times between cities. For example, a trip that normally takes hours by car or train could be completed in just a few minutes. Additionally, Hyperloop is eco-friendly, as it is powered by renewable energy sources like solar power, helping reduce carbon emissions and pollution. The system also helps ease traffic congestion, providing an alternative to crowded roads and railways. Moreover, it has the potential to stimulate economic growth by improving business efficiency, creating jobs, and boosting tourism. Lastly, Hyperloop promises a comfortable and smooth travel experience, with minimal noise and vibrations, making it a convenient choice for long-distance commuting.



IIT Madras is leading research on Hyperloop technology in India through its Avishkar project, focused on designing and developing various components of the Hyperloop system. The institute is also collaborating with Indian Railways to create India's first Hyperloop test track, which will be used to explore the feasibility of high-speed travel, like connecting Bengaluru and Chennai in about 30 minutes. Additionally, IIT Madras is hosting Asia's first international Hyperloop competition in 2025 to showcase global innovations in the field.

So, the next time you think about how long it takes to get from one city to another, just remember: in the near future, a Hyperloop pod could have you there in the blink of an eye! The future of travel in India is speeding toward us, and it's looking faster, cleaner, and smarter than ever.

Ashutosh Kumar

Civil 4th Sem,
2023-2026

The Journey from past to the future

What if I told you that when there is no existence of engineering even the word, from that time civil engineering exists commonly known as “VASTUKALA” in India. We don't need to travel whole world to understand it's history just take a brief tour of our own country “India”. Today you will know how civil engineering is contributing to the world from past to future. It's the only branch who connects the past and future like a key. Whenever anyone wants to start any business, company or factory they need a shelter and civil engineering help them to achieve their requirement.

Let's begin our journey from past, and will take you to future. The marvellous example of civil engineering of ancient time is our temples and palaces. Doesn't it fascinate you, how these old temples like Konark Sun Temple, Brihadeeswara Temple, Khajuraho Temples, Kailash Temple & Palaces like Lakshmi Vilash Palace, Jal Mahal, Hawa Mahal, Mysore Palace and many more have been made without modern tools & techniques. Imagine



Old Temples

Those genius minds who bring these structures into reality. Even in present time it is difficult to make structures like these with modern

tools. let us take an example of Kailash Temple of Maharashtra, it is the only temple which is carved from top to bottom from a single rock. It is also designated as a UNESCO World Heritage Site. This not the end there are thousands of temples and palaces which is known for their uniqueness.

In present time there are more than thousands of structures which is made within these 50 years. Some of them are impossible to make but civil engineering made it possible one of them are Burj Khalifa, Burj Al Arab, Marina Bay Sands Hotel Towers 2, The 42, Antilia and many more. Few years ago, Saudi Arabia which is known for its barren lands and deserts, it was believed that it's impossible to build any structures here, currently it is known for its buildings and skyscrapers. And surprisingly the story doesn't end here we are ready to move to future with technologies like 3D print building, AI robots and Hyper loop.

In my opinion it is the only branch which accepts challenges and continuously growing. Famous American architect and engineer “Julia Morgan” once said,

“MY BUILDINGS WILL BE MY LEGACY.

THEY WILL SPEAK FOR ME LONG AFTER I'M GONE.

And this is so true, the advancement of technology will replace machines and tools but if a structure is made properly, it will be there for centuries with little maintenance. I hope this article helps you to understand the importance, history, and legacy of civil engineering, what it is contributing to the world.



Hyper loop and 3D Printing of

Om

Civil 6th
Sem,

THREE FREEDOM FIGHTER

India is observing 'Shaheed Diwas' today to mark the death anniversary of Bhagat Singh, Shivaram Hari Rajguru and Sukhdev Thapar, the revolutionary leaders who were hanged at the Lahore Central Jail in Lahore on March 23, 1931.

Bhagat Singh, the charismatic socialist freedom fighter, was born in Banga village of Faisalabad district (previously called Lyallpur), now in Pakistan's Punjab province, in 1907. His two acts of violence against the Britishers and subsequent execution at the age of 23 made him a folk hero of the Indian independence movement.

In December 1928, Bhagat Singh, Sukhdev and Rajguru plotted the assassination of the superintendent of police James Scott in Lahore to avenge the death of Lala Lajpat Rai, the nationalist leader of the famous Lal-Bal-Pal trio. In a case of mistaken identity, assistant superintendent of police John Saunders was shot dead. To avoid arrest, Singh escaped to Calcutta after shaving his beard and cutting his hair.

In April 1929, Singh and Batukeshwar Dutt hurled bombs in the Central Assembly Hall in Delhi, and raised the slogan of "Inquilab Zindabad!". They were later arrested. Singh and his revolutionary comrades Rajguru and Sukhdev were hanged to death on March 23, 1931, in the Lahore Conspiracy.

Not only this, the British government was not even giving him a drop of water. They used to hang him on this slab of pavement in the jail and beat him a lot.



ANKIT KUMAR
ELECTRONICS
2ND SEM
2024-2027

डिजिटल डिटॉक्स

सुबह नींद खुलते ही सबसे पहले हाथ मोबाइल की ओर बढ़ता है। व्हाट्सऐप, इंस्टाग्राम, नोटिफिकेशन और फिर दिनभर स्क्रीन पर टिकी नजरें। यह कहानी केवल आपकी नहीं, बल्कि इस "डिजिटल युग" में लगभग हर युवा की है।

तकनीक ने ज़िंदगी आसान कर दी, लेकिन कब यह हमारी जरूरत से हमारी आदत बन गई — हमें पता ही नहीं चला।

जब भी हम कुछ पल खाली पाते हैं, हमारा हाथ अनायास ही फोन की ओर बढ़ जाता है। पर यह 'छोटा सा पल' कब घंटों में बदल जाता है, हमें पता ही नहीं चलता।

युवाओं में बढ़ती यह डिजिटल निर्भरता अब सिर्फ 'आदत' नहीं रही, यह 'लत' बन चुकी है।

"डिजिटल डिटॉक्स" — आजकल यह शब्द जितना चर्चा में है, उतना ही जरूरी भी। सवाल यह नहीं कि क्या तकनीक बुरी है, बल्कि यह है कि क्या हम इसके संतुलित उपयोग का अभ्यास कर पा रहे हैं?

तो फिर. डिजिटल डिटॉक्स क्या है?

डिजिटल डिटॉक्स का अर्थ है — कुछ समय के लिए डिजिटल दुनिया से ब्रेक लेना।

यह कोई त्याग नहीं, बल्कि फिर से खुद से जुड़ने की प्रक्रिया है।

डिटॉक्स कैसा हो सकता है?

- फोन-फ्री संडे: सप्ताह में एक दिन बिना स्क्रीन के गुजरना
- ऐप लिमिट: सोशल मीडिया का समय सीमा निर्धारित करें
- सोशल मीडिया ब्रेक: कुछ दिनों के लिए अकाउंट डीएक्टिवेट करें
- सुबह-संध्या स्क्रीन फ्री टाइम: दिन की शुरुआत और समाप्त तकनीक से हटा दिए

डिजिटल डिटॉक्स के जादुई फायदे

जैसे ही आप स्क्रीन से थोड़ी दूरी बनाते हैं, आप पाएंगे कि:

- मन शांत होता है, फोकस बेहतर होता है
- नींद गहरी होती है, ऊर्जा भरपूर महसूस होती है
- रिश्ते फिर से खिलने लगते हैं और सबसे जरूरी — आप खुद से जुड़ने लगते हैं

यह केवल तकनीकी ब्रेक नहीं, एक मानसिक रीसेट होता है।

चुनावक्तियाँ भी हैं. लेकिन नामुमकिन नहीं

डिजिटल डिटॉक्स सुनने में जितना आसान लगता है, व्यवहार में उतना ही कठिन होता है।

- पढ़ाई और काम की तकनीकी निर्भरता
- FOMO — "कुछ मिस न हो जाए" की चिंता
- नोटिफिकेशन की आदत और डोपामिन की लत



डिजिटल डिटॉक्स का उद्देश्य यह नहीं है कि आप टेक्नोलॉजी से दूर भागें, बल्कि यह है कि आप उसे अपने ऊपर हावी न होने दें। अब समय है एक बार फिर रील से रियल की ओर लौटना

क्योंकि असली लाइफ में न कोई फिल्टर होता है, न एडिट — बस सच्चे रिश्ते, असली हंसी, और एक शांत मन होता है।

"THERE IS NO WI-FI IN THE FOREST, BUT I PROMISE YOU WILL FIND A BATTER CONNECTION"



Ayush Kumar
Civil 6th Sem,
2022-2025

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