



GOVERNMENT POLYTECHNIC LAKHISARAI

DEPARTMENT OF CIVIL ENGINEERING

AAKRITI

July 2024- December 2024

The Structural Expression of Innovation

Message from Principal

It is with great pride that I introduce the first edition of AAKRITI, a milestone in the journey of the Department of Civil Engineering. This newsletter celebrates the achievements, creativity, and aspirations of our students and faculty while reflecting our commitment to academic excellence and holistic development. May AAKRITI become a vibrant platform for sharing knowledge, nurturing innovation, and inspiring future engineers to contribute meaningfully to society. I appreciate the dedicated efforts of the editorial team and wish this publication lasting success in the years to come.



Dr. Rajesh Kumar Ranjan
Principal
Government Polytechnic Lakhisarai

Vision

To build a learning environment in Civil Engineering that imparts strong fundamental knowledge and practical skills, empowering students with modern tools and technologies to meet the ever-changing needs of the profession. The department aspires to liberate young minds through higher education, earn the trust of society by producing competent and ethical civil engineers, and contribute to the sustainable development of the locality and the nation

MISSION

M1: To Produce Civil Engineers of high caliber, Technical skills and ethical values to serve the society and industry.

M2: To Promote innovative thinking in the budding engineers to face the challenges of the future.

M3: To instill a sense of professional responsibility and ethical practices in students, ensuring they understand the impact of their work on society and the environment.

M4: To foster relationships with local industries and communities, providing students with opportunities for real-world learning experiences and contributions to local technological advancements.

@reallygreatsite



HHOD's Message

“Practical learning creates professional excellence.”

It gives me great pleasure to present Aakriti 2024–25, showcasing the growth, achievements, and active participation of our students and faculty members. The Department of Civil Engineering is committed to strengthening technical knowledge through modern laboratories, workshops, practical exposure, and skill-oriented learning.

We continuously encourage students to participate in academic, technical, and co-curricular activities that enhance confidence, innovation, and professional values. This newsletter reflects the enthusiasm, teamwork, and creative spirit of our department.

I appreciate the sincere efforts of the editorial team and wish all students success in their future endeavors.

Head of Department
Civil Engineering



Departmental Showcase

Labs & Workshops



Parent-Teacher Meeting



The Parent-Teacher Meeting strengthened communication between faculty and parents, encouraging collaborative support for students' academic and personal growth.

Smart Bihar Hackathon 2024

2-4 September 2024



Government Polytechnic Lakhisarai hosted the Smart Bihar Hackathon 2024, a three-day innovation challenge organized under the guidance of the Department of Science, Technology & Technical Education, Government of Bihar.

With technical mentorship from IIT Patna. Students from six Government Polytechnic institutes collaborated to develop innovative solutions for real-world challenges, showcasing creativity, teamwork, and technical excellence.

Did You Know?

💡 Smart Bihar Hackathon encourages students to solve real-world challenges through innovation, technology, and teamwork, preparing them for future entrepreneurship and industry needs.

Highlights

- Three-day innovation challenge
- Technical mentorship by IIT Patna
- Participation from 6 Government Polytechnic institutes
- Projects on smart and sustainable solutions
- Focus on innovation, teamwork, and problem-solving
- Platform to enhance technical and entrepreneurial skills



Activities Conducted

- Inaugural Ceremony
- Idea Presentation
- Project Development
- Technical Mentoring Sessions
- Prototype Demonstration
- Project Evaluation
- Valedictory & Certificate Distribution



Campus Activities & Outreach



Nayee Umeed: A Better Tomorrow



The Nayee Ummid: A Better Tomorrow programme inspired students to develop resilience, positive thinking, and self-confidence while overcoming academic and personal challenges. The interactive session emphasized mental well-being, character building, and preparing for a brighter future.

78th Independence Day & Meritorious Student Award Ceremony



The 78th Independence Day was celebrated with pride at Government Polytechnic Lakhisarai. Meritorious students securing the top three ranks in the institute were honored for their academic excellence, inspiring dedication, discipline, and the pursuit of excellence.

Startup Outreach Programme



Startup Outreach Programme for Self Employment organized by Startup Cell, Department of Industries, Government of Bihar



The Startup Outreach Programme inspired students to explore entrepreneurship as a promising career path. The initiative emphasized innovation, leadership, and self-employment opportunities for aspiring young professionals.

पहल एक प्रयास...

The Pahal – Ek Prayas initiative provides free academic coaching and guidance to students preparing for competitive examinations. The programme reflects the institute's commitment to promoting equal learning opportunities and empowering students for academic success.

"PAHAL is a promise that no dream should remain limited by circumstance, and no talent should go unnoticed."

— Ms Ritu Sinha
(Pahal Coordinator)



Creative Corner

Art and Photography section



Sonu Kumar
Civil Engg



Priyanka Kumari
Lab Assistant
Mechanical Engg

खेल

खेल मानव जीवन का एक अभिन्न अंग है और इसकी भूमिका बहुआयामी है। यह न केवल शारीरिक स्वास्थ्य के लिए महत्वपूर्ण है, बल्कि मानसिक, सामाजिक और भावनात्मक विकास में भी सहायक है। खेल का महत्व * शारीरिक स्वास्थ्य: खेल हमें शारीरिक रूप से फिट और स्वस्थ रखते हैं। ये हमारे हृदय को मजबूत बनाते हैं, रक्त संचार को बेहतर करते हैं, मांसपेशियों और हड्डियों को मजबूत बनाते हैं, और मोटापे को कम करने में मदद करते हैं। नियमित रूप से खेलने से कई बीमारियों जैसे मधुमेह (डायबिटीज), उच्च रक्तचाप (हाई ब्लड प्रेशर) और हृदय रोगों का खतरा कम होता है। * मानसिक विकास: खेलों से हमारा मानसिक विकास भी होता है। ये हमारी एकाग्रता और निर्णय लेने की क्षमता को बढ़ाते हैं। खेलने से तनाव और चिंता कम होती है, और हम मानसिक रूप से मजबूत बनते हैं। खेल हमें स्थिरता और सहनशीलता सिखाते हैं। * सामाजिक कौशल: खेल हमें दूसरों के साथ मिलकर काम करना सिखाते हैं। ये हमें टीम वर्क, अनुशासन, नेतृत्व और आपसी सहयोग की भावना सिखाते हैं। खेलों के माध्यम से हम नए दोस्त बनाते हैं और सामाजिक रूप से अधिक सक्रिय होते हैं। यह हमारे अंदर सहिष्णुता और भाईचारे की भावना भी विकसित करता है। * चरित्र निर्माण: खेल हमें हार-जीत को स्वीकार करना सिखाते हैं। ये हमें संघर्ष करने की आदत डालते हैं और जीवन में आने वाली चुनौतियों का सामना करने की शक्ति देते हैं। खेल हमें ईमानदारी, नैतिकता और नियमों का पालन करना भी सिखाते हैं। * मनोरंजन और स्फूर्ति: खेल हमें मनोरंजन प्रदान करते हैं और हमारे मन को प्रसन्न और उत्साहित रखते हैं। पढ़ाई या अन्य मानसिक श्रम के बाद खेल खेलने से मन में ताजगी और स्फूर्ति आती है, जिससे हम अन्य कार्यों को बेहतर तरीके से कर पाते हैं। कुल मिलाकर, खेल हमें एक संतुलित और स्वस्थ जीवन जीने में मदद करते हैं।



Vaibhav kumar himanshu
Civil Engg

Poem Section

हिम्मत बाँधे चलता चल

शुरु से शुरु करने में,
मन तेरा विद्रोह दिखाएगा।
पर तू हिम्मत बाँधे चलता चल,
रास्ता खुद मिल जाएगा।

भटकेगा भी चित तेरा,
मिटाने लगेगा घेरा तेरा।
पैर थकेंगे, आँख दुखेंगी,
धड़कन में दिल खो जाएगा।
पर तू हिम्मत बाँधे चलता चल,
रास्ता खुद मिल जाएगा।

सब बोलेंगे वाणी अपनी,
मनवाना चाहेंगे कहानी अपनी।
हो सकता है तू थक जाएगा,
अपनी बात किसी से कह न जाएगा।
पर तू हिम्मत बाँधे चलता चल,
रास्ता खुद मिल जाएगा।

रात का घनघोर अंधेरा,
पथ से तुझे डिगाएगा।
फिर दूर थके उस राहगीर को,
धुवतारा राह दिखाएगा।
बस तू हिम्मत बाँधे चलता चल,
रास्ता खुद मिल जाएगा।

Shyam Kumar
Electrical Engg
Batch - 2022-2025



*Thank you for being a part of
Aakriti 2024-25."*



Message from Editor

Aakriti 2024-25 is a reflection of the creativity, achievements, and vibrant spirit of the Department of Civil Engineering. This newsletter brings together the academic, technical, and co-curricular activities of our department while celebrating the enthusiasm and talent of students and faculty members. We hope this edition inspires learning, innovation, and continuous growth.