



Government Polytechnic Lakhisarai

Department of Electrical Engineering

SPARK



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vision

TO Be A STRONG
INFLUENCE IN
PREPARING THE
NEXT GENERATION
OF ELECTRICAL
PROFESSIONALS AND
TO IMPROVE THE
ABILITY OF
STUDENTS TO
ACTIVELY
PARTICIPATE IN THE
WELL BEING OF
SOCIETY.

Mission

M1- TO PROVIDE A HIGH
QUALITY AND PRACTICAL
EDUCATION THAT EQUIPS
STUDENTS WITH THE
ESSENTIAL SKILLS AND
KNOWLEDGE FOR
SUCCESS IN FIELD OF
ELECTRICAL ENGINEERING.
M2- committed TO CREATE A
FRIENDLY PLACE FOR
LEARNING , ENCOURAGE
NEW AND CREATIVE
IDEAS.
M3-- TO GET STUDENTS
READY TO HANDLE THE
CHANGES AND
CHALLENGES IN THE
ELECTRICAL ENGINEERING
FIELD.

It gives me immense pleasure to launch this edition of the newsletter SPARK from the Department of Electrical Engineering at Government Polytechnic, Lakhisarai. A departmental newsletter is not just a collection of articles; it is a vibrant reflection of the academic excellence, creative talents, and technical milestones achieved by our students and faculty. The field of Electrical Engineering is the driving force behind global modernization, industrial growth, and the ongoing renewable energy revolution. At Government Polytechnic, Lakhisarai, our mission is to equip our students with robust technical competencies and practical problem-solving skills that align with these fast-evolving global industries. Through a blend of rigorous academics, well-equipped laboratory training, and active industry interaction, we ensure our young engineers are prepared to lead and innovate. I extend my heartfelt congratulations to the Head of the Department, the dedicated faculty members, and the enthusiastic editorial team for their tireless efforts in bringing this newsletter to fruition. To our students, I encourage you to keep pushing your boundaries, embrace curiosity, and strive for excellence in all your professional endeavors.

Happy reading!

Principal

Government polytechnic lakhisarai

FROM THE DESK OF EDITORS

It gives me immense pleasure and pride to present the latest edition of the Electrical Engineering Department Newsletter, Government Polytechnic Lakhisarai. This newsletter captures the academic achievements, technical activities, innovative projects, and vibrant events of our department during the academic session. Our students have actively participated in workshops, seminars, projects, industrial visits, skill-development programmes, sports, and cultural activities, reflecting their enthusiasm and dedication. The newsletter provides a platform to celebrate these accomplishments and highlight the collective efforts of our students and faculty. I sincerely thank our respected Principal, Head of the Department, faculty members, technical and administrative staff, and students for their valuable support and contributions. I hope this edition inspires our students to pursue excellence, strengthen their technical skills, and contribute meaningfully to society.

Warm Regards,

Neha Kumari

Editor

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UMANG'25 – Faculty Meet



The UMANG'25 – Faculty Meet was organized on 17 January 2025, creating a joyful and memorable occasion for the faculty members of Government Polytechnic Lakhisarai. The event brought together faculty members in an atmosphere of enthusiasm, friendship, and togetherness. It provided an opportunity for colleagues to interact beyond their regular academic responsibilities and strengthen professional relationships. Various engaging activities and cheerful moments made the gathering lively and enjoyable. Faculty members actively participated in the programme and shared memorable experiences with one another. The event highlighted the importance of teamwork, mutual support, and a positive institutional environment. It also served as a platform to appreciate the collective efforts and contributions of the faculty members. The celebration filled the campus with energy, happiness, and a strong sense of belonging. The faculty meet created several cherished memories for everyone associated with the institution. Heartfelt congratulations and best wishes to all the members of Government Polytechnic Lakhisarai for making UMANG'25 a memorable celebration!



Earthquake Safety Week – 15 to 21 January 2025



Earthquake Safety Week was observed at Government Polytechnic Lakhisarai from 15 to 21 January 2025 to create awareness about earthquake preparedness and safety measures. The programme focused on educating students and staff about the causes, risks, and impacts of earthquakes. Various awareness activities were conducted to highlight the importance of preparedness before, during, and after an earthquake. Students were informed about essential safety practices such as “Drop, Cover and Hold On” during an earthquake. They were also guided on identifying safe places inside buildings and avoiding unsafe areas such as windows and unstable structures. The importance of emergency exits, first-aid kits, evacuation plans, and disaster-response preparedness was also emphasized. Students and staff were encouraged to remain calm and act responsibly during an earthquake emergency. Awareness sessions helped participants understand the importance of community cooperation during disasters. The programme promoted a culture of safety, preparedness, and responsibility among the students and staff. Overall, Earthquake Safety Week successfully strengthened awareness about disaster preparedness and earthquake-resistant safety practices at the institution.

Bihar Diwas 2025 – Government Polytechnic Lakhisarai



On the occasion of Bihar Diwas 2025, Government Polytechnic Lakhisarai proudly participated by showcasing its activities and achievements through an institutional stall. The stall highlighted the institute’s academic initiatives, technical education, student activities, and various developmental programmes. Hon’ble Deputy Chief Minister of Bihar, Shri Vijay Kumar Sinha Ji, visited the stall and interacted with the students. The students enthusiastically briefed him about the various activities and initiatives undertaken by the institution. He took keen interest in understanding the institute’s academic and co-curricular activities. The interaction provided the students with an opportunity to present their experiences and achievements before a distinguished public representative. The visit was a proud and motivating moment for the students, faculty, and staff of Government Polytechnic Lakhisarai. It encouraged the students to continue working towards excellence in technical education and innovation. The participation also reflected the institute’s commitment to skill development and quality technical education. The event celebrated the rich heritage, culture, and progress of Bihar while highlighting the contribution of technical institutions towards the state’s development. The occasion was a memorable and inspiring moment for the entire GPL family.

Parent-Teacher Meeting Held on 19 April 2025



A Parent-Teacher Meeting was organized by the Electrical Engineering Department of Government Polytechnic Lakhisarai on 19 April 2025. The meeting aimed to strengthen communication and coordination between parents, teachers, and students. Faculty members interacted with parents and discussed the students' academic performance, attendance, discipline, and overall progress. Parents were informed about the curriculum, teaching-learning activities, practical sessions, and academic requirements of the department. The teachers also shared individual feedback and discussed areas where students could improve. Parents actively participated in the discussions and shared their valuable suggestions and concerns. The importance of regular attendance, consistent study habits, practical knowledge, and active participation in departmental activities was emphasized. The meeting provided a constructive platform for developing a better understanding of students' educational needs. Parents appreciated the efforts of the department towards the academic and professional development of the students. The interaction helped strengthen the partnership between parents and teachers in guiding students towards a successful career. The meeting concluded on a positive note with a shared commitment to supporting students in achieving academic excellence and professional growth.

One-Day Lagori (Pitto) Training Camp and Demonstration



A one-day training camp and demonstration of Lagori (Pitto) was organized at Government Polytechnic Lakhisarai on 2 May 2025. The programme aimed to introduce students to this traditional Indian sport and encourage active participation in physical activities. Students were familiarized with the rules, techniques, and basic strategies of Lagori. The trainers demonstrated various skills and game techniques to help participants understand the sport effectively. Students enthusiastically participated in the training sessions and practical demonstrations. The activity provided an enjoyable platform for students to develop teamwork, coordination, agility, concentration, and sportsmanship. The traditional game also helped students appreciate India's rich sporting heritage. The interactive nature of the camp encouraged students to participate actively and learn through practice. Faculty members and students appreciated the initiative and the opportunity to experience this traditional sport. The event created a lively and energetic atmosphere on the campus. Overall, the training camp successfully promoted physical fitness, teamwork, and interest in traditional sports among the students.