



# GOVERNMENT POLYTECHNIC, LAKHISARAI

## Dept. of Mechanical Engineering

NEWSLETTER  
VOL.06- July 25 - Dec 25

### Editorial Board

**Editors-in-Chief :**  
Suraj Kumar  
HOD

**Co-Editor :**  
Mrs Simran Bharati  
Lecturer

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Dr Rakesh Ranjan  
Lecturer

Mr. Amit Ranjan  
Lecturer

Mr Anuj Kumar  
Lecturer

Ms Sakshi Sinha  
Lecturer

# MechXtreme



#### Vision of the department

To be known as per premier department of Mechanical Engineering in technical education and application of knowledge & skills to the benefit of the society.

#### Mission of the department

- M1- To develop state-of-the-art teaching learning facilities to interpret, apply, disseminate and create knowledge.
- M2- To be dynamic, innovative and flexible in devising programs, structures and mechanisms to cope with the changes.
- M3- To equip the students with academic, corporate and entrepreneurial leadership, communication skills and global awareness required by the engineering profession and society in general.
- M4- To establish an environment that encourages and builds an exemplary degree of citizenship, professional integrity with ethical behavior.

#### From Editors-in-Cheif Desk

It is with great pride and a sense of accomplishment that we present Volume 06 of MechXtreme. As we wrap up the period from July 2025 to December 2025, this edition stands as a testament to the resilience, creativity, and technical prowess of the Department of Mechanical Engineering.

A newsletter is more than just a collection of reports; it is a chronicle of progress. Over the last six months, our department has buzzed with activity—from the clanging of the workshops to the quiet intensity of the design labs. In these pages, we have captured the essence of that energy.

I would like to extend my deepest gratitude to our Principal, Dr. R. K. Ranjan, for his unwavering support, and to my dedicated editorial team who worked tirelessly behind the scenes to polish every word and layout.

To our readers: We hope this volume inspires you to look at the "mechanical" world through a lens of innovation. Your feedback is what keeps us evolving.

Happy Reading!  
Suraj Kumar

#### From Principal's Dest

It gives me immense pleasure to witness the release of Volume 06 of MechXtreme, the biannual newsletter of the Department of Mechanical Engineering, covering the period from July 2025 to December 2025.

The field of Mechanical Engineering is currently undergoing a massive transformation. We are moving beyond traditional thermodynamics and fluid mechanics into the realms of Industry 5.0, sustainable energy systems, and AI-integrated manufacturing. This newsletter serves as a vital mirror, reflecting how our students and faculty are not just keeping pace with these changes but leading them through innovation and research.

#### Highlights of this Semester

**Innovation & Research:** Our commitment to pushing the boundaries of design and fabrication.

**Skill Development:** The successful integration of hands-on workshops and industry-standard software training.

**Holistic Growth:** Celebrating the technical and extracurricular achievements that define our vibrant campus life.

I congratulate the Editorial Board, the Head of the Department, and the students for their dedicated efforts in curating this edition. I am confident that MechXtreme will continue to inspire our budding engineers to strive for excellence and contribute meaningfully to the global engineering landscape.

Best Wishes,  
Dr. R. K. Ranjan

DEPARTMENT OF MECHANICAL ENGINEERING	
 SRI SURAJ KUMAR ME HOD (Mech. Engg.)	 SRI AMIT RANJAN M.Tech LECTURER (Mech. Engg.)
 SRI ANUJ KUMAR B.Tech LECTURER (Mech. Engg.)	 SRI SUBHASH KUMAR B.Tech LECTURER (Mech. Engg.)
 MISS SAKSHI SINHA M.Tech LECTURER (Mech. Engg.)	 SMT.SIMRAN BHARATI B.Tech LECTURER (Mech. Engg.)

"The newspaper is the first rough draft of history." — Philip Graham

## Placement at a Glance in Public/Govt. Sector

Sr No.	Name of Students	Roll No.	Remarks
1	Gauri Kumari	15/M/60	ITI Buxer- Level 6
2	Rajesh Kumar	15/M/50	ITI Instructor- Level 6
3	Digvijay	15/M/	Scientific Assistant -B, INSTITUTE FOR PLASMA RESEARCH , GANDHINAGAR, GUJARAT- Level 6
4	Nayan kumar	15/M/	Junior Engineer, Level-6
5	Gautam Kumar	15/M/	BSF, SUB INSPECTOR IN BSF, Level-6
6	VIKRAM KUMAR	15/M/	DRDO CEPTAM-10, SENIOR TECHNICAL ASSISTANT-B
7	DEVANAND CHOUDHARY	16/M/	ITI Instructor- Level 6

### First Year Induction Programme

Diploma Batch 2025 - 28

Date: 28<sup>th</sup> August to 04<sup>th</sup> September 2025  
Faculty Development Programme on Life Skill Development

DATE	PARTICULARS
28.08.2025	Virtual Inauguration & Session on Academic Regulations Mental Health by Dr Amrita Shruti
29.08.2025	Department Induction Programme
30.08.2025	CISCO, KYP, SPOKEN TUTORIALS Registration and practices
01.09.2025	Workshop by DRCC, Lakhisarai
	Solve Problems and Create Solutions: Opportunity Canvas Soft Skills session
02.09.2025	Lecturer on Cyber Crime- Smt Prachi Gupta
03.09.2025	Online Workshop on ROBOTICS Health Awareness Programme by Team of Doctors from District Health Dept.
04.09.2025	TECHNOVA Campus Tour



## Workshop Report: Awareness on SHE-Box Portal and POSH Act

Date: December 20, 2025

### Overview

A one-day workshop was organized to discuss the SHE-Box Portal and its implementation. The session aimed to sensitize staff members regarding workplace safety and the legal frameworks available for protection.

### Key Highlights

The workshop featured insights from prominent guest speakers who shared their expertise on the POSH Act (2013)—The Sexual Harassment of Women at Workplace (Prevention, Prohibition, and Redressal) Act:

- Mrs. Poonam Kumari (Centre Administrator, Sakhi One Stop Centre, Lakhisarai): Provided a detailed breakdown of the legal protections and the support systems available for women.
- Mr. Prashant Kumar (District Mission Coordinator, Lakhisarai): Discussed the operational aspects of the SHE-Box Portal and the importance of timely reporting and institutional compliance.

### Conclusion

The speakers engaged with the colleagues of the institute, clarifying the procedures for filing complaints and the role of the Internal Complaints Committee (ICC). The session concluded with a commitment to maintaining a safe and respectful working environment for everyone.



**दैनिक भास्कर** जमुई 02-08-2025

**कार्यक्रम • राजकीय पॉलिटेक्निक कॉलेज में पांच दिवसीय कार्यशाला का आयोजन**

# बाल विवाह के खिलाफ छात्रों ने शपथ ली

भारत नवज | लखीसराय

शुक्रवार को राजकीय पॉलिटेक्निक कॉलेज लखीसराय के प्रांगण में पांच दिवसीय पंच दिवस कार्यक्रम का तीसरा दिन का सत्र दीप प्रज्वलन के साथ शुरू हुआ। उद्घाटन महिला एवं बाल विकास निगम की केंद्र प्रमुख पूनम कुमारी, जिला मिशन समन्वयक प्रशान्त कुमार एवं संस्थान के प्राचार्य आर. रंजन ने संयुक्त रूप से किया। इस अवसर पर वन स्टॉप सेंटर की प्रमुख पूनम कुमारी ने छात्र-छात्राओं को कार्यक्रम पर यौन उत्पीड़न, शैक्षिक भेदभाव, अक्सर की अमंगलता, विकास के अधिकार में बाधा और बाल विकास जैसी सामाजिक चुट्टियों के प्रति सचेत किया। उन्होंने इन समस्याओं के प्रति जागरूक और सतर्क रहने की आवश्यकता पर बल दिया। प्राचार्य आर. रंजन ने पहले से गठित एंटी-बैंगिंग कमेटी की भूमिका, उद्देश्य और इसके अब तक के प्रयासों की विस्तृत जानकारी दी। कार्यक्रम के अंत में उपस्थित छात्र-छात्राओं ने कन्या भ्रूण हत्या न करने और बाल विवाह को रोकने का संकल्प लिया। मंचन श्रृंखला बनाकर उन्होंने लैंगिक भ्रष्टाचार और बाल विवाह के खिलाफ एकजुटता का संदेश दिया। इस मौके पर प्राचार्य सहित संस्थान के व्यवस्थापक, प्रयोगशाला सहायक, कर्मचारी तथा बड़ी संख्या में छात्र-छात्राएं उपस्थित रहे। मंच संचालन योग्यता के कारण ने किया। प्रतिगामी छात्रों में विशाल कुमार, अभिषेक कुमार, अंकित, प्रियम आदि थे।

लखीसराय बाल विवाह के मामलों में प्रथम स्थान पर इस के खिलाफ मिशन समन्वयक प्रशान्त कुमार ने मिशन राबित और मुख्यमंत्री नारी शक्ति योजना की जानकारी साझा की। उन्होंने बताया कि लखीसराय जिला बाल विवाह के मामलों में प्रथम स्थान पर है, जो चिंता का विषय है। कार्यक्रम में लैंगिक विशेषज्ञ किस्मत कुमारी ने पारिवारिक और सामाजिक स्तर पर होने वाले लैंगिक भेदभाव और उससे बचाव के उपायों पर बात की। विधियां साझा कर विरोध अभित कुमार ने सभी को भेदभाव रहित समाज और बेटीवों की सुरक्षा हेतु राय दिलवाई।



## The Foundation of My Career...

Joining Government Polytechnic Lakhisarai in 2018 was a turning point for me. As a Mechanical Engineering student, the department became my second home. Those three years were a rigorous blend of academic discipline and practical exposure that prepared me for the realities of the industry.

### Memories of the Workshop & Faculty

I still vividly remember my time in the Machine Shop. There was a specific satisfaction in achieving the perfect finish on a job using the lathe—a task that required both patience and precision.

I would like to express my deepest gratitude to our Faculty Members. Their approach to teaching wasn't just about finishing the syllabus; they focused on building our conceptual clarity. Whether it was complex Thermodynamics or the intricacies of Machine Design, they were always available to guide us, ensuring we didn't just become "graduates," but "engineers."

### Navigating the 2018–21 Session

Our batch witnessed a significant shift in learning styles, but the support from the Mechanical Department remained constant. The technical seminars and the hands-on lab sessions provided us with a competitive edge that I still find useful in my professional life today.

"GP Lakhisarai didn't just teach me how to read blueprints; it taught me how to build a future from them."

Angad Kumar 2028-21

## Photo Gallery



Freshers Party 2025-28 batch on 06.09.2025



**Parent-Teacher Meet (22-23 Nov. 2025)**

The two-day **Teacher-Parent Dialogue** witnessed an overwhelming response. The proactive participation of the parents today sends a powerful message that they are deeply committed and vigilant regarding their wards' future.



**SVEEEP Cell Activity**

SVEEEP Cell, 14.10.2025



Campus Ambassodor - cum - Lecturer ( ) acknowledged by DM Lakhisarai

**"Vocal for Local"**

26.09.2025 "Vocal for Local" ( )



Koria Zilla Bihar, Bihar, India  
North Of Videha, Polytechnic College, Peeath Chok, Koria Zilla Bihar, Bihar  
811311, India  
Lat 25.197339° Long 86.108232°  
26/09/2025 12:14 PM GMT +05:30



**Workshop on Credit Card**

19.09.2025 12:00

