

PRESS RELEASE

Robotics Workshop Successfully Conducted at Government Polytechnic Madhubani in Collaboration with Ankuram Robo Pvt. Ltd.

Madhubani, Bihar | October 18, 2025

A five-day **Robotics Workshop** was successfully organized at **Government Polytechnic Madhubani** from **October 13 to 17, 2025**, in collaboration with **ANKURAM ROBO PRIVATE LIMITED, Patna**. The workshop was aimed at enhancing the technical skills of **diploma students** from **Electronics** and **Mechanical Engineering** departments, focusing on real-time applications in the field of robotics and automation.

During the workshop, students developed and demonstrated several innovative robotics projects, including:

- **Robotic Arm Controlled Using Potentiometer**
- **Autonomous Robot**
- **Wireless Joystick-Controlled Robot**

These projects allowed students to apply their theoretical knowledge in practical scenarios, boosting creativity, teamwork, and technical problem-solving.

Leadership and Guidance

The workshop was held under the visionary leadership of **Principal Prof. Shambhukant Jha**, who emphasized the importance of practical training and industry collaboration in today's engineering education. He appreciated the efforts of the organizing team and encouraged students to actively participate in such skill-building programs.

“Workshops like these are essential to prepare our students for the demands of the modern industry. Robotics and automation are the future, and I am proud of our students for embracing these challenges with enthusiasm,” he said.

The academic coordination was led by **Dr. Subhash**, Head of Department, Computer Science Engineering (CSE), with valuable contributions from:

- **Professor Kumari Shambhavi** (Electronics): Provided in-depth guidance on circuit design, sensor interfacing, and embedded control systems.
- **Professor Sanjana Ranjan Sah** (Mechanical): Guided students on mechanical structures, chassis design, and robotic arm movement, bridging theoretical design with practical implementation.

Faculty Presence and Support

The workshop concluded on a high note with the presence of esteemed faculty members from various departments:

Electronics Engineering Department:

- **Prof. Tasgheer Ehshan** (HOD, EC)
- **Prof. Kumari Shambhavi**
- **Prof. Ashish Kumar Jha**
- **Guest Faculty: Prof. Vijay Kumar**

Mechanical Engineering Department:

- **Prof. Sourav Kumar** (HOD, ME)
- **Prof. Sanjana Ranjan Sah**
- **Prof. Sheetal Ranjan Sah**
- **Prof. Prince Kumar**
- **Prof. Diksha Ritesh**

Civil Engineering Department:

- **Prof. Suman Kumar** (HOD, Civil)
- **Prof. Divya Shanu**

Computer Science Department:

- **Guest Faculty: Prof. Suman Kumar**
- **Guest Faculty: Prof. Sajan Kumar**

The presence of faculty across departments demonstrated strong interdisciplinary collaboration and institutional support for student innovation.

This workshop stands as a milestone in the college's journey toward practical, future-focused technical education.

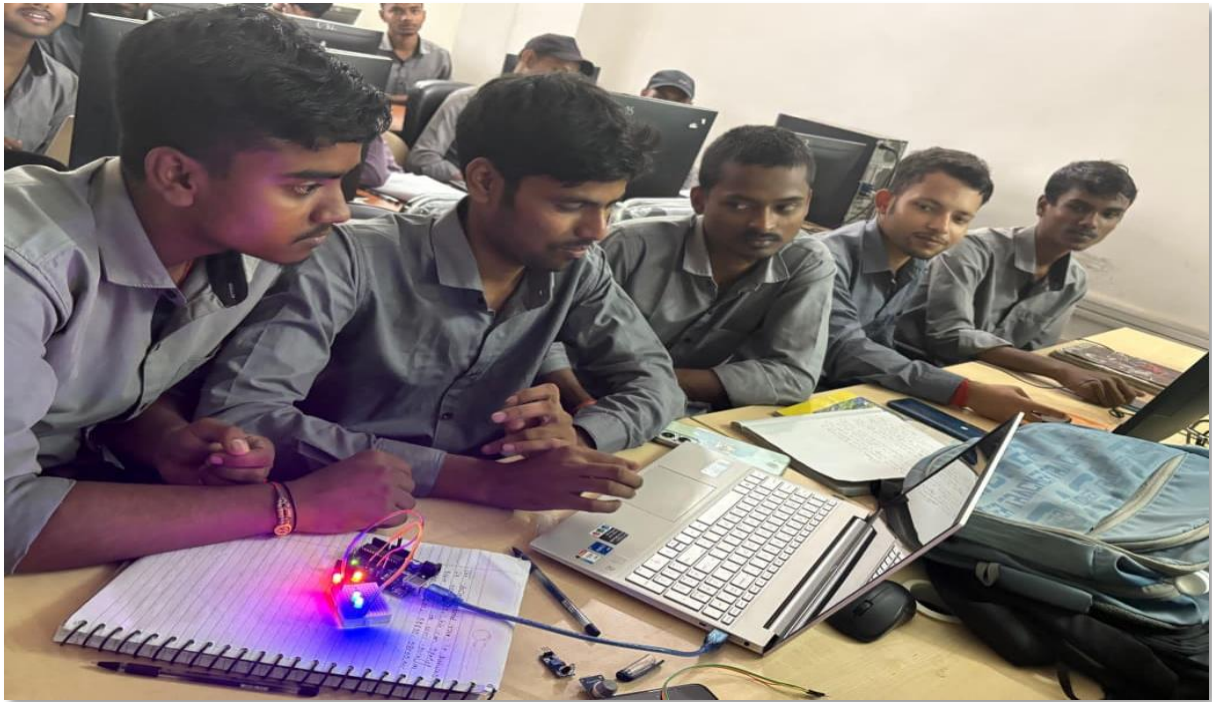


ORIENTATION OF ROBOTICS WORKSHOP

“ROBOTICS IS NOT THE FUTURE ANYMORE ,IT'S THE SKILL OF TODAY.”



**“SENSORS ARE THE SENSES, ACTUATORS ARE THE MUSCLES, AND
MICROCONTROLLERS ARE THE BRAIN OF EVERY ROBOT.”**



“THE BEST WAY TO LEARN ROBOTICS IS TO GET YOUR HANDS, TOOLS, AND IDEAS WORKING TOGETHER.”



“FROM CIRCUITS TO CHASSIS ,ROBOTICS IS THE PERFECT COLLABORATION OF EC AND ME.”



**"IN ROBOTICS, ACCURACY IS ENGINEERED AND INTELLIGENCE IS PROGRAMMED."
BY LOGIC AND POWERED BY ELECTRONICS."**



ONE OF THE STUDENT GROUPS OF MECHANICAL ENGG PRESENT THEIR MODEL

"A ROBOT IS A MACHINE THAT THINKS BEFORE IT MOVES"



“TODAY’S LEARNERS ARE TOMORROW’S ROBOTIC INNOVATORS.”



“THIS PROTOTYPE REFLECTS THE POWER OF INTERDISCIPLINARY ENGINEERING.”