Premier Engineering College of Bihar

VIDYA VIHAR
INSTITUTE OF TECHNOLOGY

Industrial Growth Centre, Maranga, Purnea, Bihar - 854303

Affiliated to Bihar Engineering University, Patna for **B.Tech. Courses** | Affiliated to Aryabhatta Knowledge University, Patna for **BBA & BBA Courses**

Earning Credits through Skilling-Based Courses Policy

As per AICTE norms, the institute follows the **University-prescribed curriculum and credit structure**. The institute does not independently alter or assign credits; all credits are awarded strictly in accordance with the **University syllabus and regulations**.

However, the **University curriculum itself is designed with a strong focus on skill development**, and includes several **skill-based and application-oriented courses** as part of the regular credit framework. These include, but are not limited to:

- Python Programming
- Automation in Manufacturing (CAD/CAM)
- Artificial Intelligence and Machine Learning
- Manufacturing Practices and related laboratory courses

These courses carry **defined academic credits** as prescribed by the University and enable students to earn credits while acquiring industry-relevant skills.

In addition, the University curriculum provides **special provisions for earning credits through MOOCs/SWAYAM courses**, offered **twice during the program**. As per these provisions, students are encouraged to enroll in approved online courses related to **skill development**, such as:

- Soft Skills and Communication
- AutoCAD and Design Tools
- Emerging Technologies and Professional Skills

Credits earned through these MOOCs/SWAYAM courses are transferred and recognized as per University norms.

Beyond the formal credit framework, the institute actively **encourages and facilitates students to participate in external skill development initiatives**. Students regularly enroll in **Entrepreneurship-cum-Skill Development Programs (E-SDP)** conducted by reputed organizations such as **Tool Room & Training Centre, Patna and Ranchi**. Through these programs, students have successfully completed certified training in areas including:

- CNC Turning and Milling
- PLC Programming
- Computer Hardware and Networking Maintenance

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Director
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Maranga, Purnia (Bihar) 854301

Students have demonstrated commendable performance in these programs and have obtained **recognized skill certificates**, which significantly enhance their employability and practical competence.

Thus, through a combination of **University-integrated skill-based credit courses, MOOCs/SWAYAM credit opportunities, and externally certified skill development programs**, the institute ensures that students are well-equipped with both academic knowledge and industry-relevant skills, in alignment with AICTE's vision for outcome-based and skill-oriented education.

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