



**Shobhit
University**

EDUCATION EMPOWERS

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School of Engineering & Technology

Student-Centric Methods

Introduction:

School of Engineering & Technology has proactively implemented student-centered teaching methodologies to promote critical thinking, collaboration, and independent learning. In line with the recommendations of NEP 2020, the department emphasizes project-based learning, peer-assisted teaching, flipped classrooms, and problem-solving sessions.

The following student-centric methods are practicing in School:

1. **Experiential learning:** The department fosters experiential learning through field visits, internships, projects, workshops, simulations, community engagement, and laboratory work, promoting hands-on experience, collaboration, and real-world application across all semesters
2. **Integrated and interdisciplinary learning:** It is promoted through joint projects, seminar series, hackathons, student clubs, and value-added courses, encouraging collaboration and problem-solving across diverse fields and academic disciplines.
3. **Participatory learning:** Participatory learning is encouraged through role play, group discussions, seminars, peer learning, rural immersion, curriculum feedback, open house forums, and student involvement in governance, promoting active engagement and shared responsibility.
4. **Problem-Solving Learning:** Problem-solving learning is fostered through problem-based learning, case study analysis, design thinking workshops, hackathons, lab research, online challenges, MOOCs, and mentorship, enhancing analytical skills and real-world application.
5. **Self-directed learning:** Self-directed learning is encouraged through self-study plans, independent research, MOOCs, book reviews, online quizzes, peer learning, blended learning, LMS usage, student seminars, and flipped classrooms, promoting autonomy and lifelong learning.
6. **Project-Based Learning:** Project-based learning is implemented through interdisciplinary group projects, capstone and community initiatives, entrepreneurial and





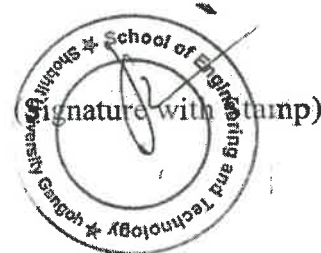
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research mini-projects, internships, sustainability efforts, educational projects, and exhibitions, encouraging innovation, collaboration, and real-world impact.

7. **Role Play Learning:** Role play learning is enriched through mock trials, leadership and negotiation simulations, teacher-student scenarios, and counseling role plays, enhancing practical understanding, communication skills, and real-life decision-making abilities.
8. **Humanities in Learning:** Humanities in learning is fostered through debates, creative writing, and storytelling, encouraging critical thinking, empathy, communication skills, and the exploration of diverse human experiences and perspectives.





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2024-25

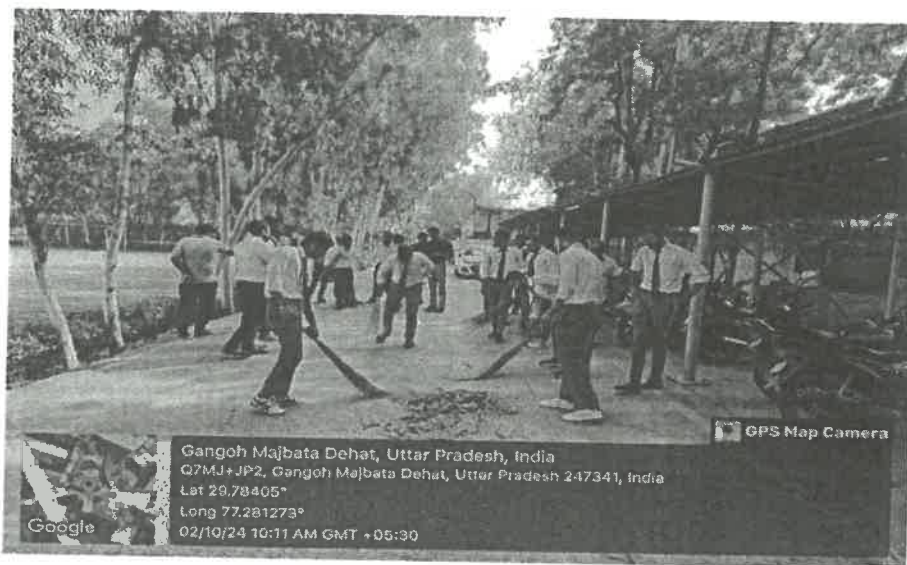


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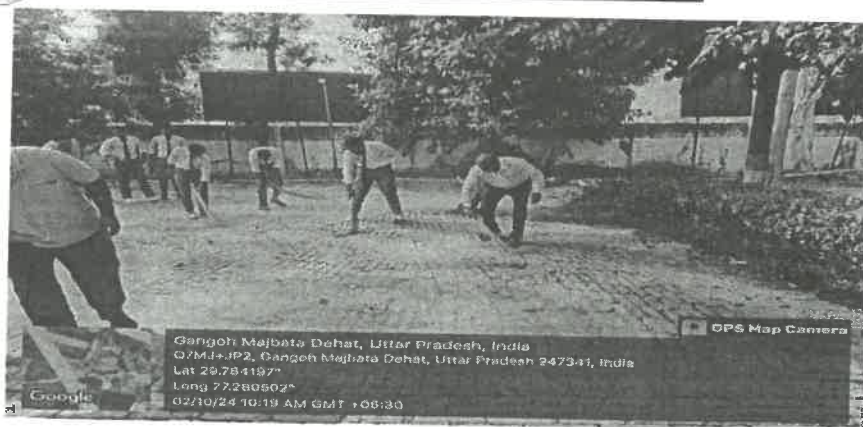
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Glimpse of 2024-25



Cleanliness Drive



Cleanliness Drive

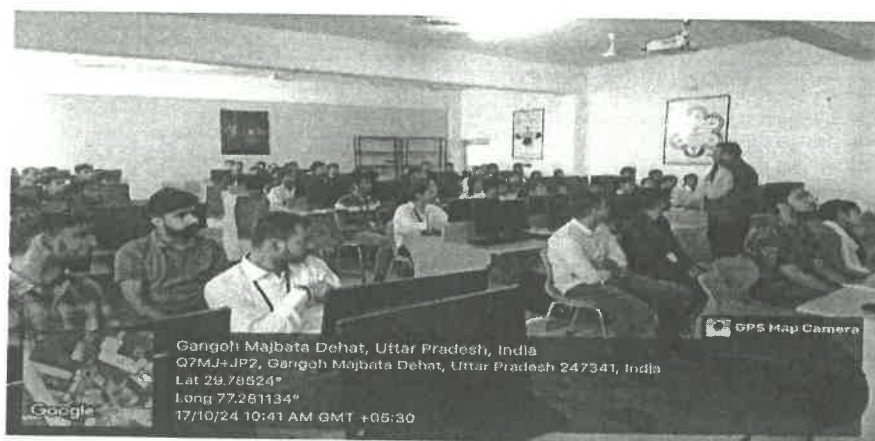




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Internship for B.Tech Students



Internship for MCA Students





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Community Engagement



Assignment

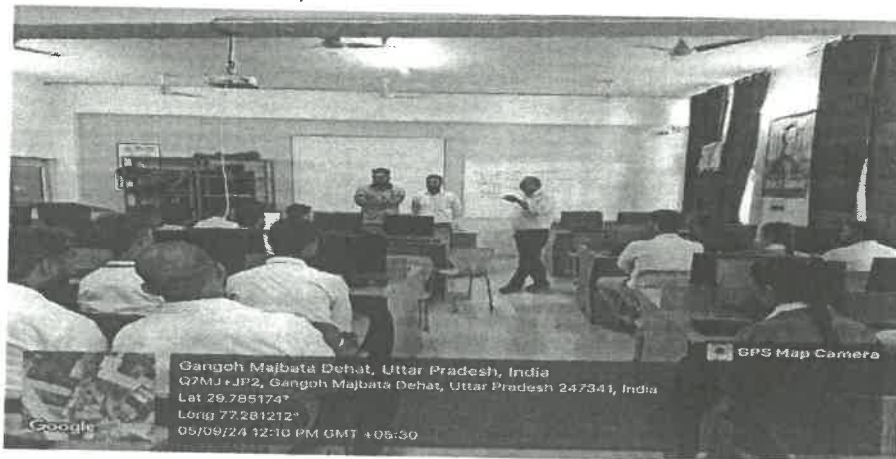




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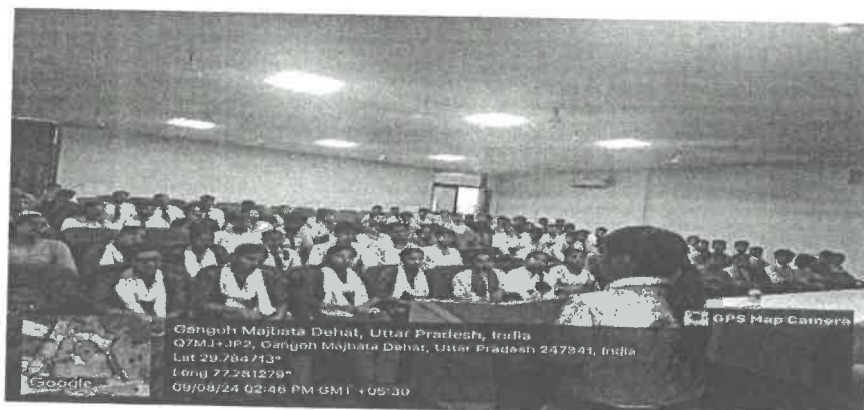


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Q7MJ+JP2, Gangoh Majbata Dehat, Uttar Pradesh 247341, India
Lat 29.785174°
Long 77.281212°
05/09/24 12:10 PM GMT +05:30

GPS Map Camera

Google

Projects



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Long 77.281212°
09/08/24 02:46 PM GMT +05:30

GPS Map Camera

Google

Workshops on IoT





Collaborative Events



Lab Work

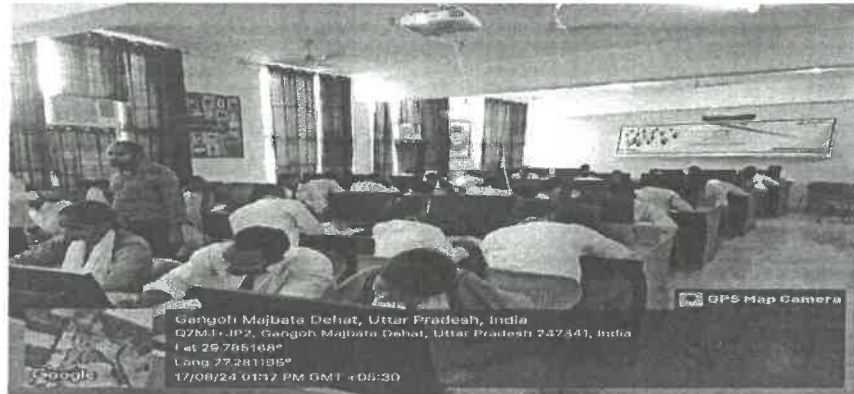





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Laboratory Work



Social Work and Counselling for Students





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Comprehensive Health Care Program for Students



Interdisciplinary Courses





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Interdisciplinary Courses



Joint Projects





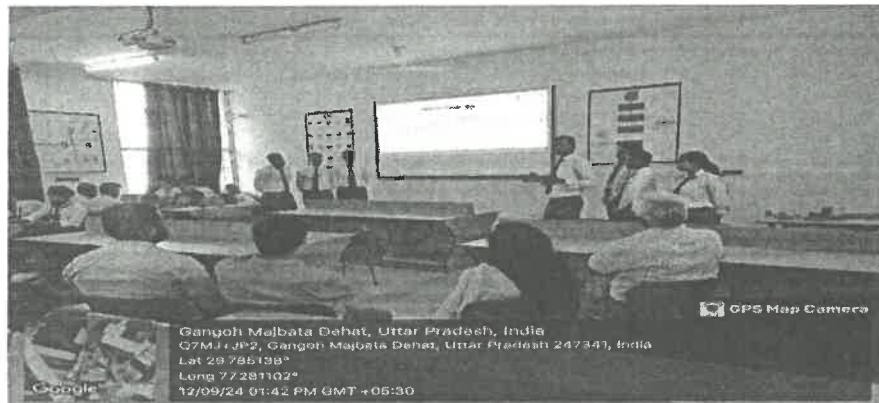
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Joint Projects



Seminar and Lecture Series

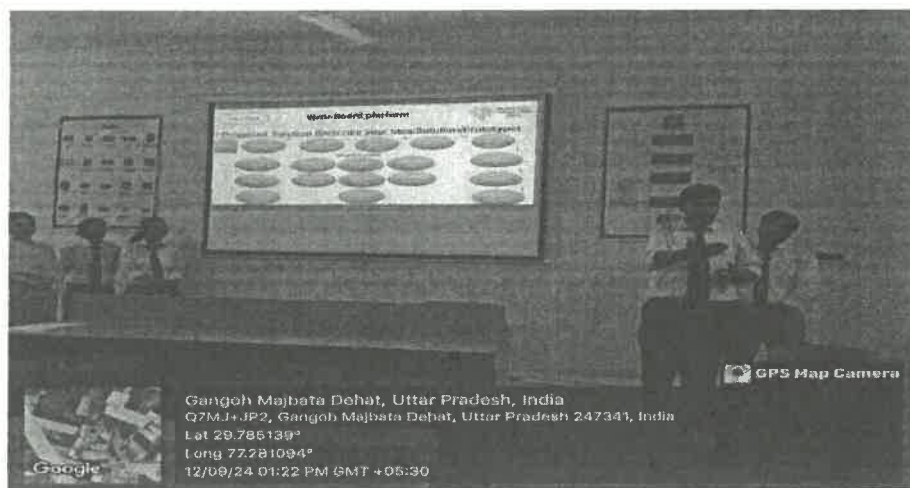




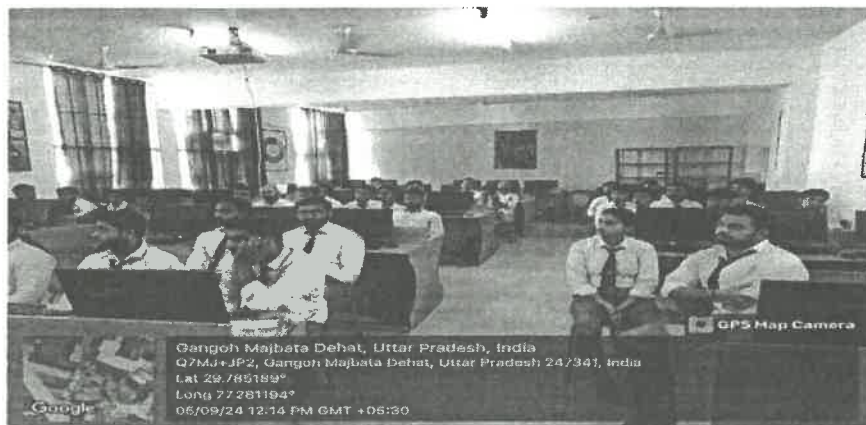
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Interdisciplinary Hackathons



Interdisciplinary value-added courses

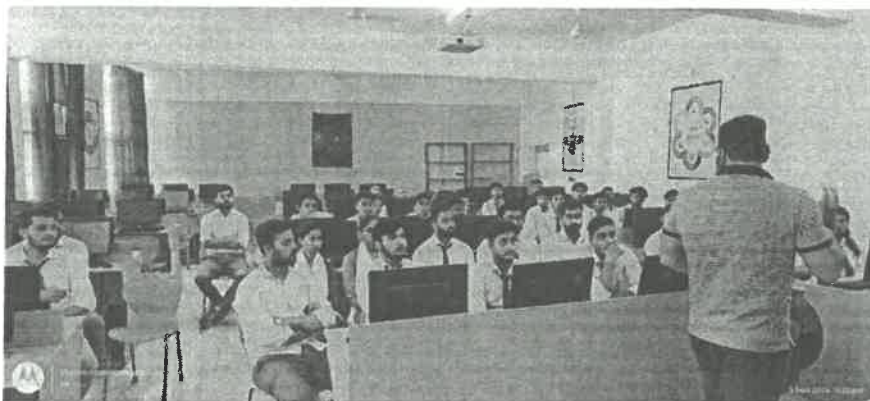




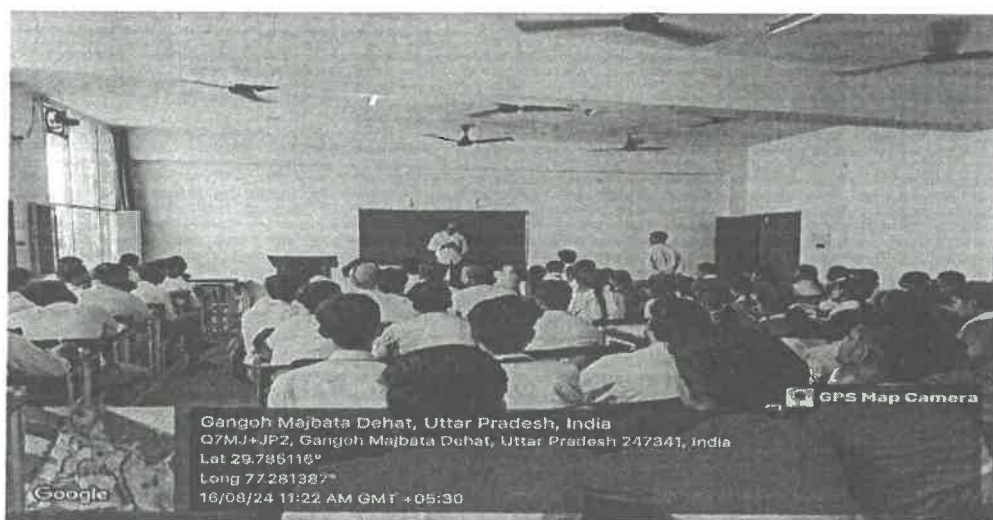
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Role Play



Group Discussions and Debates

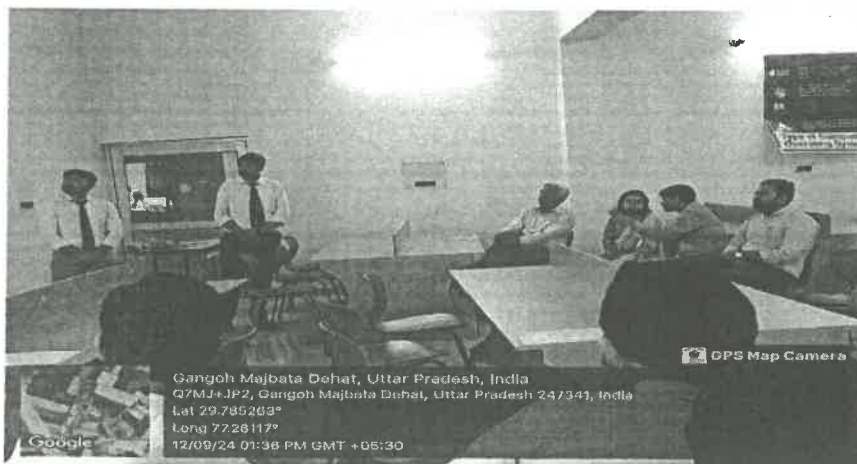




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Student Seminars and Paper Presentations



Field-Based Learning





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Peer Learning



Seminar





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Problem-Based Learning





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2023-24



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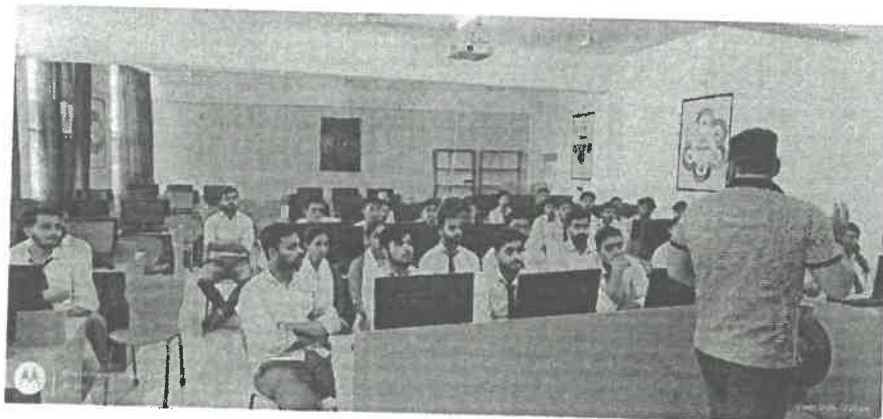
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Glimpse of 2023-24



Cleanliness Awareness Programme



Internships for MCA Students





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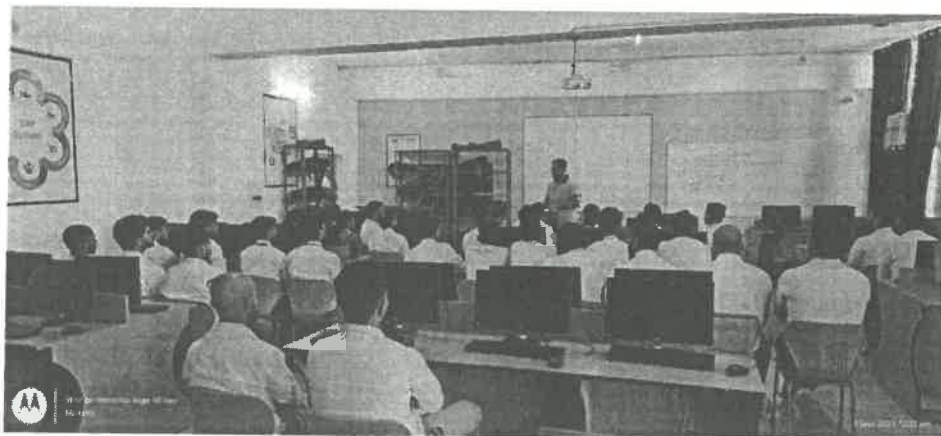
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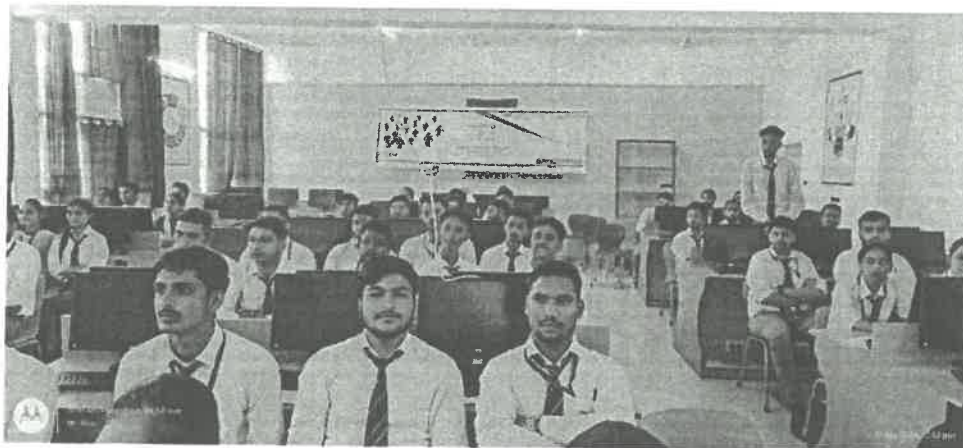
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Internships for B.Tech Students



Community Engagement





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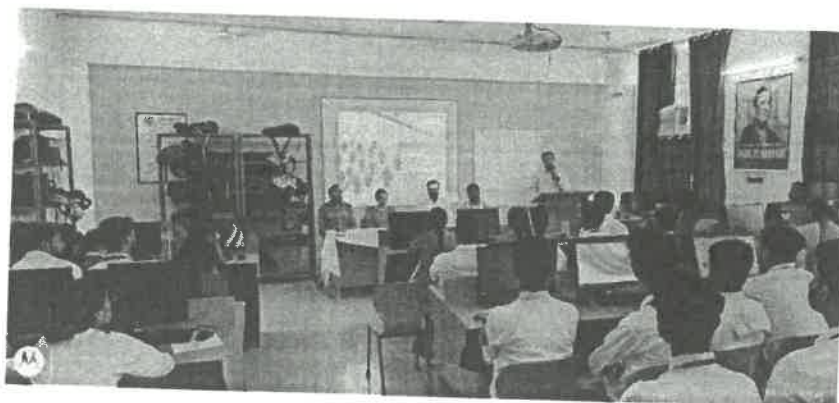
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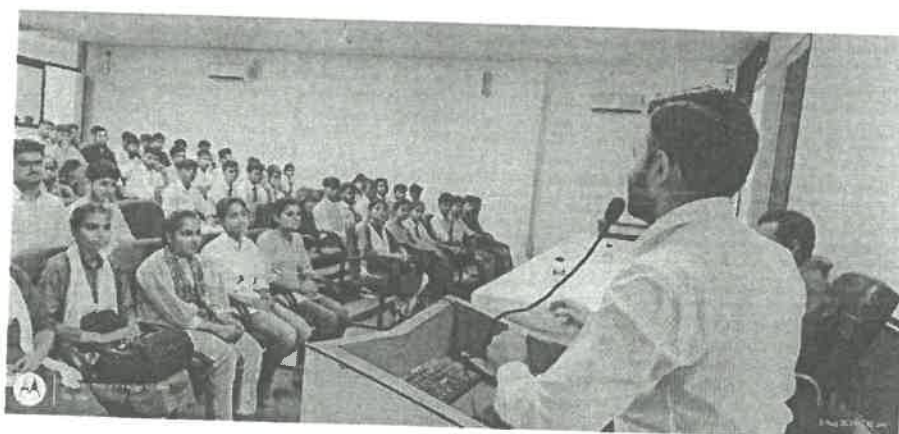
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Collaborative Events



Workshop on AI





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Literary Awareness Programme



Community Engagement





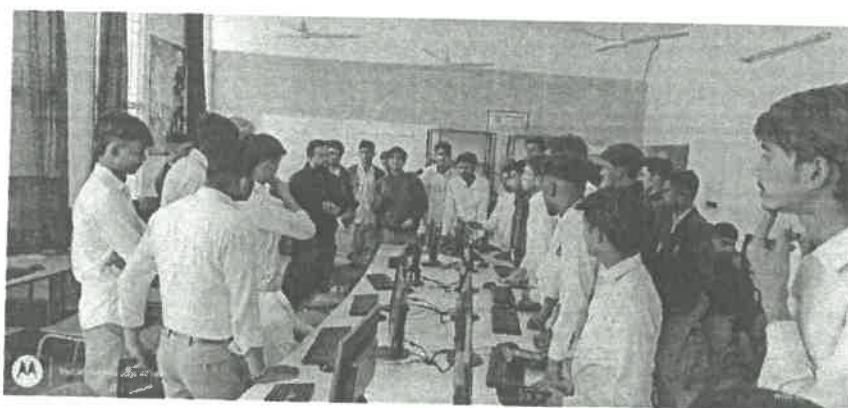
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Student Clubs



Interdisciplinary value-added courses





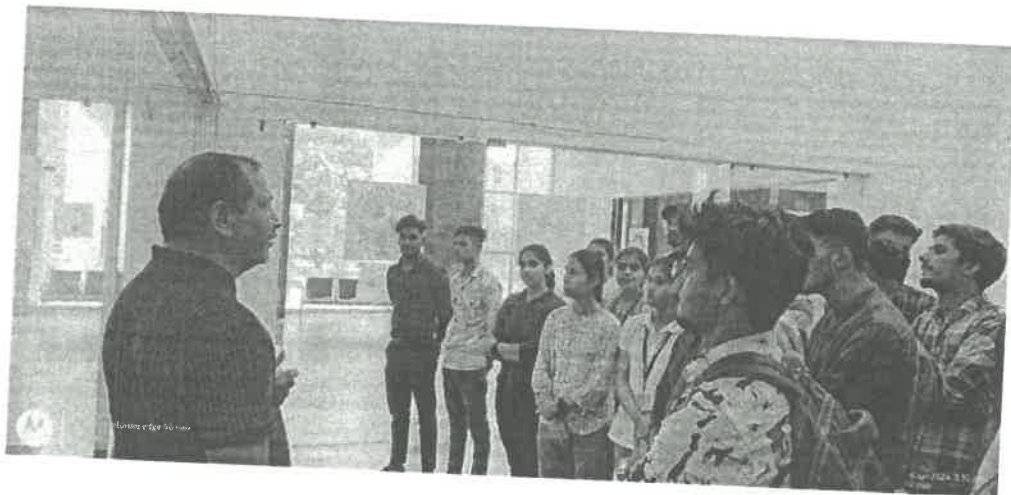
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Industrial Visit of B.Tech Students



Industrial Visit of BCA & MCA Students





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Industrial Visit of BCA Students



Interdisciplinary Courses





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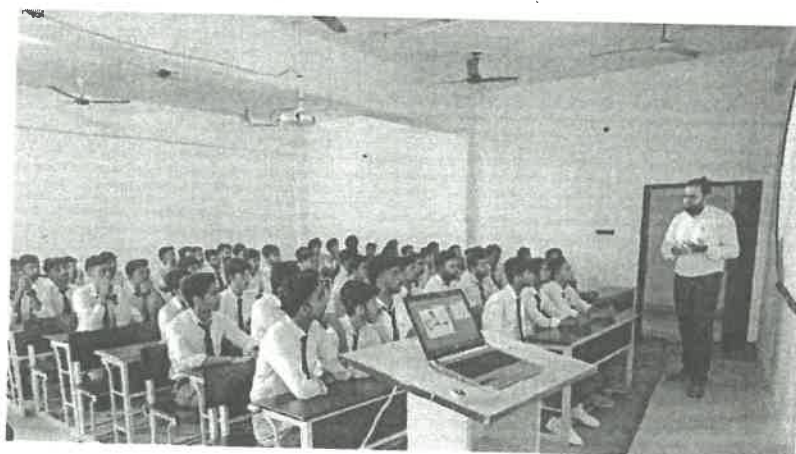
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Internship Drive



Seminar and Lecture Series

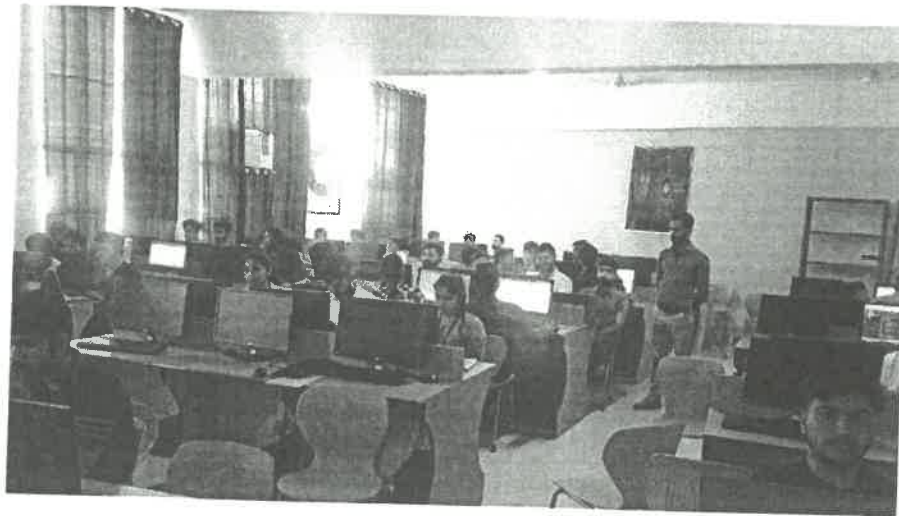




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Online Learning



Internship Drive





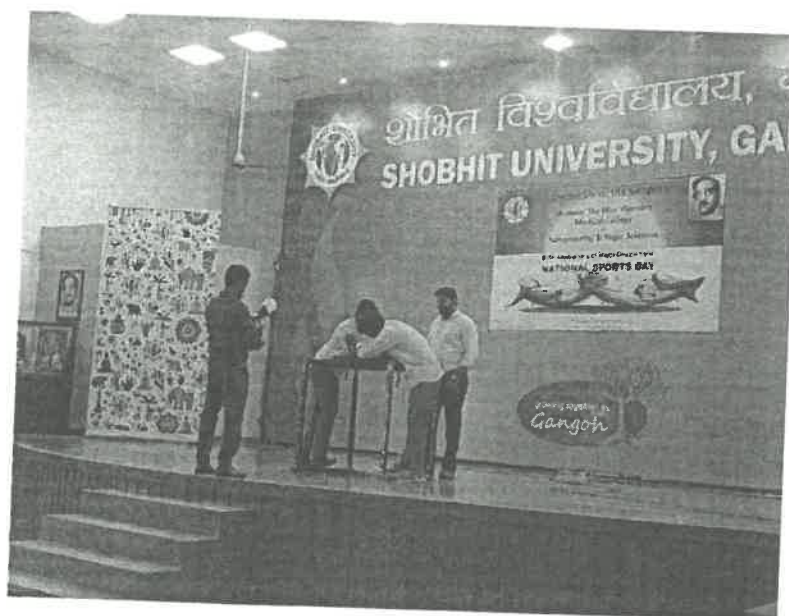
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Encouragement to Merituous Students



Sports Activities of Students





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Sports Activities of Students



Problem Solving by teachers





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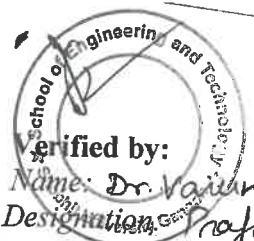
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Literacy Awareness Program

Signature and Verification

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Designation: Assistant Professor
Date: 16/11/24



Verified by:
Name: Dr. Varun Bansal
Designation: Professor
Date: 16/11/24

