



Office of the Dean Academic Affairs

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Staff of the Academic Section



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Mr. K.N. Tiwari



Mr. Ram Chandra



Ms. Chhaya Kashyap



Glimpse of Academic Section





Glimpse of last Convocation





Glimpse of last Convocation





Academic Responsibilities & Domain

- Planning and conduct of **UG, PG and Ph.D. admissions** (Click here for eligibility, Click here for fee structure)
- Student **registration, enrolment and academic records management**
- Preparation and implementation of **Academic Calendar** (Link)
- Coordination of:
 - Board of Studies (BOS)
 - Academic Council (AC)
 - Admission Committee
- Implementation of **academic regulations and NEP framework**
- Monitoring of Attendance, Examination eligibility
- Student support Scholarships & Academic services
- Issuance of Admit cards & Certificates
- SAMARTH-based academic data management



List of UG Programmes Offered

Minimum 90 working days per semester

School of Engineering

Sr. No. **Courses**
Programme Duration: 4 years (8 semesters)

1. B.Tech. Civil Engineering
2. B.Tech. Computer Science & Engineering
3. B.Tech. Electronics Engineering
4. B.Tech. Electrical Engineering
5. B.Tech. Mechanical Engineering
6. B.Tech. Information Technology

School of Basic and Applied Sciences
Programme Duration: 5 years (10 semesters)

1. BS-MS (Mathematics & Data Science)

School of Entrepreneurship & Management
Programme Duration: 3 years (6 semesters)

1. B.B.A

School of Chemical Technology

Sr. No. **Courses**
Programme Duration: 4 years (8 semesters)

1. B.Tech. Chemical Engineering
2. B.Tech. Chemical Technology (Biochemical Engineering)
3. B.Tech. Chemical Technology (Food Technology)
4. B.Tech. Chemical Technology (Oil Technology)
5. B.Tech. Chemical Technology (Paint Technology)
6. B.Tech. Chemical Technology (Plastic Technology)
7. B.Tech. Chemical Technology (Leather & Fashion Technology)

School of Pharmaceutical & Biological Sciences
Programme Duration: 4 years (8 semesters)

1. B.Tech. Biotechnology
2. B.Pharm.



List of PG Programmes Offered

Minimum 90 working days per semester

School of Engineering (Programme Duration: 2 years (4 semesters))

Sr. No.	Department	M. Tech. Courses
1.	Civil Engineering	(1) Environmental Science and Engineering (2) Structural Engineering
2.	Computer Science & Engineering	Computer Science and Engineering
3.	Electronics Engineering	(1) Electronics and Communication Engineering (2) Signal Processing and Machine Learning
4.	Electrical Engineering	Power Electronics and Control
5.	Mechanical Engineering	Computer Aided Design

School of Chemical Technology

1.	Biochemical Engineering	Chemical Technology – Biochemical Engineering
2.	Chemical Engineering	(1) Chemical Engineering (2) Energy and Environment
3.	Food Technology	Chemical Technology – Food Technology
4.	Oil Technology	Chemical Technology – Oil Technology
5.	Paint Technology	Chemical Technology – Paint Technology
6.	Plastic Technology	Chemical Technology – Plastic Technology



List of PG Programmes Offered

Minimum 90 working days per semester

School of Basic & Applied Sciences

Programme Duration: 2 years (4 semesters)

Sl. No.	Department	Courses
1.	Mathematics	M.Sc. in Mathematics and Data Science
2.	Physics	M.Sc. in Physics (Specialization in Material Science and Nanotechnology)
3.	Chemistry	M.Sc. in Chemistry (Specialization in Chemical Sciences)
4.	Biotechnology	M.Sc. in Biotechnology M.Sc. in Biochemistry

School of Engineering

1.	Computer Science & Engineering	Master of Computer Applications (MCA)
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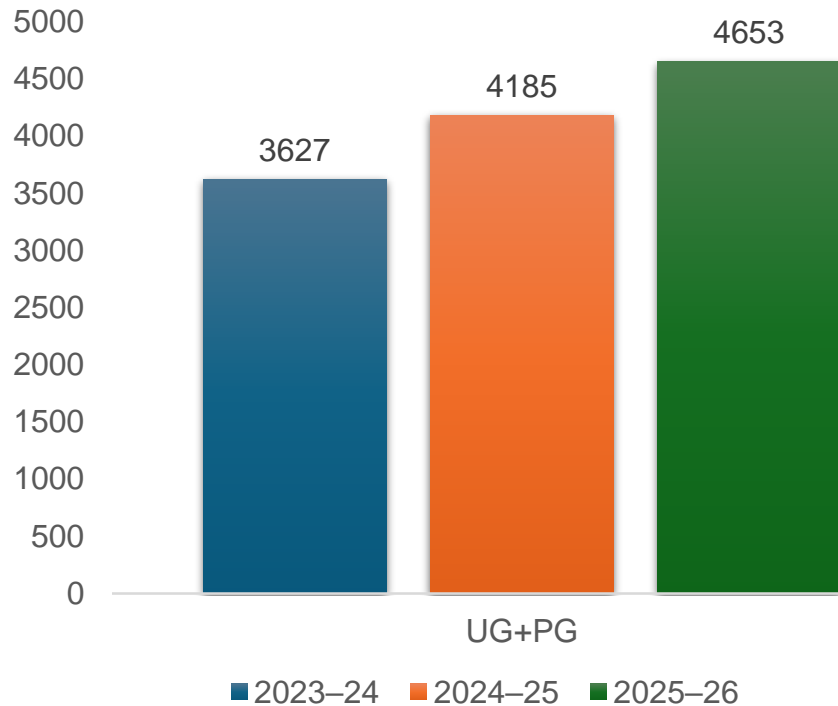
School of Entrepreneurship & Management

1.	Management Studies	Master of Business Administration (MBA)
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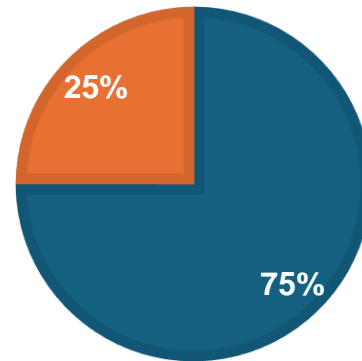
Student Strength & Growth Trend

+1000 students growth in 3 years (~28% increase)



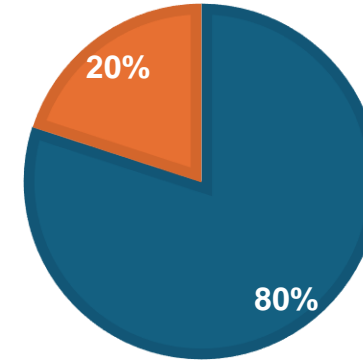
2025-2026 (UG)

MALE FEMALE



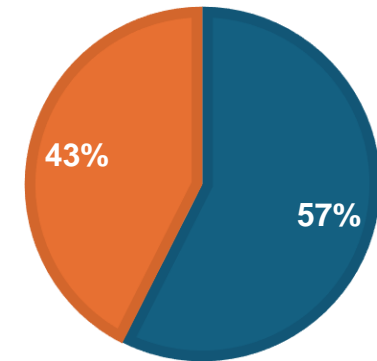
2023-2024 (UG)

MALE FEMALE



2025-2026 (PG)

MALE FEMALE



- Female participation increasing steadily
- Near gender balance at PG level
- GER increased from 65% to 80% (UG)
- SFR \approx 23.065



Academic Transformation (Last 5 Years)

Institutional Growth

- Number of Schools: 4 → 6
- UG Programmes: 13 → 18
- Ph.D. Strength: ~70 → 359

Academic Achievements

- NAAC Accreditation (A+ in first cycle)
- NBA Accredited programmes
- NEP-2020 implemented (2022 onwards)

Governance Improvements

- Regular Academic Council meetings (4–5 per year)
- Strengthened BOS system
- Transition towards **paperless academic functioning**



Academic Transformation (Last 5 Years)

Introduction of New Academic Pathways

- Launch of **B.Tech** programme for **NRI & International Students**
- Focus on **global outreach and internationalization of academic programmes**
- Introduction of **B.Tech for Working Professionals** in:
 - Mechanical Engineering
 - Electrical Engineering
 - Electronics Engineering
 - Civil Engineering
- **Currently operational in Electrical Engineering (Evening Classes)**
- **Samarth Admission System**
 - Adoption of Government of India initiative (Samarth Portal)
 - Centralized and transparent admission process
 - Efficient application and verification system



Digital & AI-Driven Academic Transformation

• AI/ML-Based Chatbot (Student Developed)

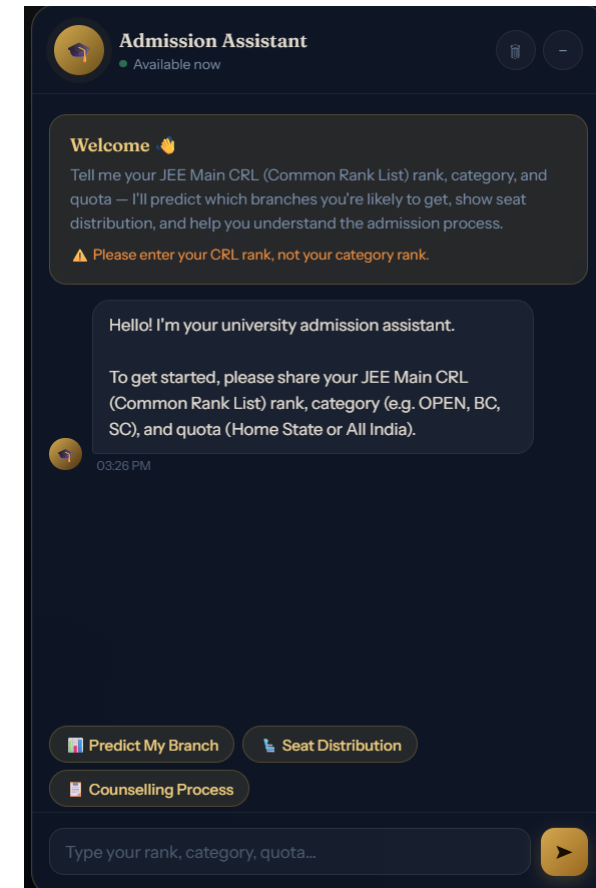
- Developed by students
- Handles admission-related queries
- Provides 24×7 support, Real-time response, Reduces manual workload

Emerging & Advanced Curriculum

- AI/ML as Open & Programme Electives
- Coding & computational skills from First Year

Flexible Academic Structure

- Minor–Major courses offered from Third Year
- Increased flexibility through programme and open electives





Academic Systems & Quality Assurance



Outcome-Based Education (OBE)

- CO–PO–PSO mapping across all programmes
- Attainment-based evaluation
- Continuous monitoring
- **Quality Assurance**
 - Academic audit system
 - Feedback from Students, Faculty, Alumni & Employers
- **Continuous Improvement Loop**
 - Feedback → BOS → Academic Council → Implementation
- **Compliance**
 - NEP-2020
 - AICTE
 - UGC
 - NBA



Road Ahead – Academic Transformation

- **Full-Scale NEP Implementation**
 - Complete operationalization of National Education Policy 2020 across all programmes
 - Full Implementation of Multi-entry and exit system, refinement of Minor and Honours degree structures
 - Seamless credit mobility and multidisciplinary learning pathways
- **Expansion of Emerging & Future-Oriented Programmes**
 - Launch and scaling of B.Tech in Artificial Intelligence & Machine Learning
 - Expansion of AI/ML, Data Science and interdisciplinary electives
 - Strengthening early-stage integration of coding and computational skills from First Year
- **Rationalization of curriculum by Reducing credit burden and Flexible academic pathways**
- **Enhanced choice-based and personalized learning**
 - Complete integration of MOOCs across programmes & Blended learning models
 - Strengthening Industry-based projects & Internship-integrated curriculum



Road Ahead – Academic Transformation

- **Increase in Student Intake & Research Capacity**
 - Planned increase in **Ph.D. intake across departments**
 - Expansion of **overall student capacity** in key programmes
 - Focus on attracting **international (foreign) students**
- **Introduction of New Academic Programmes**
 - Launch of new **Undergraduate programmes** in emerging areas: **B.Tech in Artificial Intelligence & Machine Learning**
 - Introduction of new **Postgraduate programmes** in interdisciplinary and advanced domains
- **Student-Centric Flexible Curriculum**
 - Full implementation of Minor–Major system from Second Year and Expanded basket of Open & Programme Electives
- **Skill-Based, Value-Oriented & Holistic Education by** Expansion of Value-Added Courses, Skill-based vocational courses, Institutionalization of UHV (Universal Human Values), IKS (Indian Knowledge System)
- Expansion of Entrepreneurship and innovation ecosystem