



CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY
KANPUR, UTTAR PRADESH, INDIA
(A STATE UNIVERSITY OF UTTAR PRADESH GOVT.)



PROSPECTUS 2026

**SCHOOL OF ENGINEERING
AND TECHNOLOGY (UJET)**



**WORLD
UNIVERSITY
RANKINGS**



School of Engineering and Technology (UIET)

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ABOUT US

The School of Engineering & Technology (UIET) at Chhatrapati Shahu Ji Maharaj University, Kanpur, is dedicated to providing quality technical education and fostering innovation, research, and professional excellence. The school offers undergraduate and postgraduate programs in various engineering and technology disciplines, designed to equip students with strong theoretical knowledge and practical skills.

With modern laboratories, experienced faculty members, and a dynamic academic environment, the school emphasizes creativity, critical thinking, and problem-solving abilities. It also promotes research activities, industry collaboration, and skill development to prepare students for the rapidly evolving technological landscape.

The School of Engineering & Technology aims to nurture competent engineers, innovators, and responsible professionals who contribute to technological advancement, sustainable development, and the growth of society.

OUR VISION

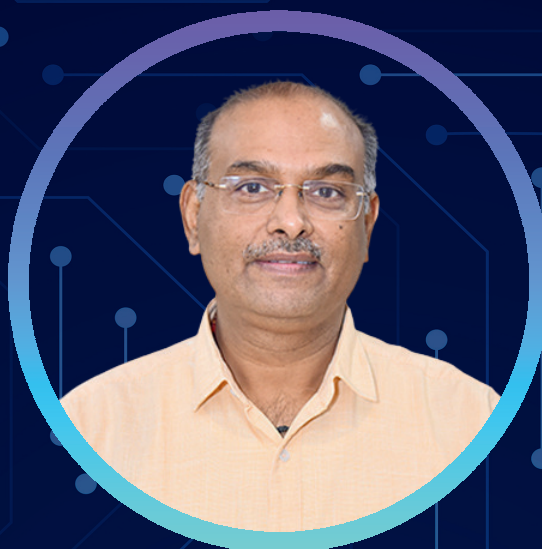
To become a center of excellence in engineering and technological education by promoting innovation, research, and industry-oriented learning, and by developing skilled professionals capable of addressing global challenges.

OUR MISSION

- To provide high-quality education in engineering and technology through a strong academic curriculum and modern infrastructure.
- To encourage research, innovation, and interdisciplinary learning among students and faculty.
- To strengthen collaboration with industries and research organizations for practical exposure and knowledge exchange.
- To develop ethical values, leadership qualities, and social responsibility among students.
- To contribute to national development through technological advancement and sustainable solutions.



MESSAGE FROM THE VICE-CHANCELLOR



Since its establishment in 1996 the University Institute of Engineering and Technology (UIET) of the CSJM University, Kanpur has been engaged in providing quality education to young students in various branches of Engineering and other professional courses, namely This includes B.Tech in six engineering disciplines along with M.Tech, MCA, BCA, Integrated MSc Electronics (VLSI & IoT), B. Des and B. Voc (Interior Design and Fashion and Apparel Design) . UIET has a pool of dedicated and qualified faculty, adequate research and educational facilities, a state-of-art curriculum of studies. This provides an excellent environment for academic excellence and the inculcation of a spirit of learning and exchange of knowledge. This has enabled the students of UIET to achieve excellence in both academics and co-curricular activities.

The Institute is forging ahead to create engineers, scientists and professionals. I hope that UIET will grow in the future towards becoming one of the leading engineering institutes in the country. It gives me immense pleasure to convey my wishes for the development of this Institute and would like to express my full support and best wishes to all faculty, staff members and the students for their future aspirations.

Prof. Vinay Kumar Pathak
Vice Chancellor
Chhatrapati Shahu Ji Maharaj University Kanpur-
208024, Uttar Pradesh, India
Email: vc@csjmu.ac.in
Website: www.csjmu.ac.in



MESSAGE FROM PRO VICE CHANCELLOR



It is a matter of great pride to witness the continuous growth and achievements of the School of Engineering & Technology (UIET) at Chhatrapati Shahu Ji Maharaj University, Kanpur. The institute has been playing a significant role in promoting quality technical education, research, and innovation among aspiring engineers.

In the rapidly evolving world driven by science and technology, institutions like UIET serve as vital centers for knowledge creation and skill development. The School of Engineering & Technology is committed to providing a dynamic academic environment where students are encouraged to think creatively, develop problem-solving abilities, and engage in meaningful research. The dedicated faculty members, modern infrastructure, and industry-oriented curriculum ensure that students receive comprehensive learning experiences that prepare them for global challenges.

I am confident that UIET will continue to nurture talented professionals who will contribute significantly to technological advancement and national development. I congratulate the faculty, students, and staff for their dedication and achievements and extend my best wishes for their continued success in all future endeavors.

Prof. Sudhir Kumar Awasthi
Pro-Vice Chancellor
Chhatrapati Shahu Ji Maharaj University
Kanpur-208024, Uttar Pradesh, India
Email: skawasthi@csjmu.ac.in
Website: www.csjmu.ac.in

MESSAGE FROM REGISTRAR



It is a matter of great satisfaction to see the continued progress and academic excellence of the School of Engineering & Technology (UIET) at Chhatrapati Shahu Ji Maharaj University, Kanpur. The institute has established itself as an important center for technical education, innovation, and professional development.

UIET plays a vital role in preparing students to meet the challenges of the rapidly evolving technological world. With its strong academic framework, modern infrastructure, and dedicated faculty members, the institute provides students with a supportive environment that promotes learning, creativity, and research. The programs offered by the School of Engineering & Technology are designed to equip students with both theoretical knowledge and practical skills, enabling them to excel in their professional careers.

The university administration remains committed to providing all necessary academic and administrative support to ensure the smooth functioning and continued development of the institute. I extend my sincere appreciation to the faculty, staff, and students of UIET for their dedication and achievements, and I wish them continued success in their future endeavors.

Shri Rakesh Kumar Mishra
Registrar

Chhatrapati Shahu Ji Maharaj University Kanpur-
208024, Uttar Pradesh, India
Email: registrar@csjmu.ac.in
Website: www.csjmu.ac.in

MESSAGE FROM DEAN ACADEMICS



It is a matter of great pride to present the University Institute of Engineering & Technology (UIET), Chhatrapati Shahu Ji Maharaj University, Kanpur, as a centre of academic excellence and innovation. Our academic framework is aligned with emerging trends in engineering and technology, ensuring that students gain relevant knowledge and skills for a competitive global environment. Through a blend of classroom learning, practical exposure, projects, and industry interaction, we strive to develop strong problem-solving abilities and a multidisciplinary outlook among our students.

In alignment with NEP 2020, the University has introduced forward-looking initiatives such as compulsory courses on emerging technologies to equip students with future-ready skills. Additionally, the provision of pursuing minor programmes alongside the major degree promotes multidisciplinary learning and enhances academic flexibility.

At UIET, we are committed to providing a supportive and inclusive environment that nurtures intellectual growth, ethical values, and social responsibility. We encourage students to actively engage in research, innovation, and skill development initiatives.

I invite aspiring students to join UIET and embark on a transformative journey toward professional excellence and meaningful contribution to society.

Prof. Brishti Mitra
Dean Academics

Chhatrapati Shahu Ji Maharaj University Kanpur-
208024, Uttar Pradesh, India
Email: dean_acad@csjmu.ac.in
Website: www.csjmu.ac.in

MESSAGE FROM THE DIRECTOR



On behalf of the faculty members and staff, it is my pleasure to welcome you to the University Institute of Engineering and Technology (UIET), a constituent institute of Chhatrapati Shahu Ji Maharaj University, Kanpur. UIET was established in 1996 under the visionary leadership of the then Vice-Chancellor, Prof. S. S. Katiyar. The institute began with four engineering branches and an initial intake of 240 students. Today, it has grown into a vibrant academic institution with around 3500+ students enrolled in various programs including B.Tech, M. Tech, BCA, MCA, Integrated MSc, Engineering Diploma, B. Des, PhD, and vocational courses.

The institute comprises six departments equipped with modern laboratories, well-designed classrooms, and seminar halls. UIET is supported by around 92 highly qualified full-time faculty members and 42 technical assistants who are committed to academic excellence.

Our vision is to emerge as a premier centre for education and research in engineering and technology by producing globally competent graduates. We aim to equip our students with advanced technical knowledge, strong communication skills, and ethical values while encouraging innovation, entrepreneurship, and holistic development through academic, cultural, and sports activities.

Dr. Alok Kumar
Director

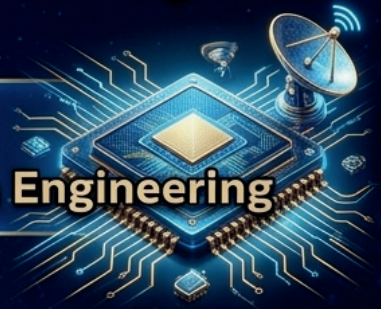
School of Engineering and Technology (UIET)
Chhatrapati Shahu Ji Maharaj University
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Email: director.uiet@csjmu.ac.in /
alok@csjmu.ac.in

Website: www./csjmu.ac.in/school-of-engineering-and-technology/

07 PILLARS OF EXCELLENCE



**Department of
Computer Science & Engineering**



**Department of
Electronics & Communication Engineering**



**Department of
Chemical Engineering**



**Department of
Mechanical Engineering**



**Department of
Materials Science & Metallurgical Engineering**



**Department of
Computer Applications**



**Department of
Vocational Studies**

THE TEAM THAT EMPOWERS YOU



Dr. Sandesh Gupta

Head

Department of Computer Science & Engineering,
Email: sandesh@csjmu.ac.in



Dr. Pushpa Mamoria

Head

Department of Computer Applications
Email: pushpamamoria@csjmu.ac.in



Dr. Ajeet Kumar Srivastava

Head

Department of Electronics & Communication Engineering
Email: ajeetsrivastava@csjmu.ac.in



Dr. Vijay Kumar Kashyap

Head

Department of Materials Science & Metallurgical Engineering
Email: vijaykashyap@csjmu.ac.in



Dr. Abhishek Kumar Chandra

Head

Department of Chemical Engineering
Email: abhishekchandra@csjmu.ac.in



Dr. Gaurav Kumar Pandey

Head

Department of Mechanical Engineering
Email : gauravkpandey@csjmu.ac.in



Ar. Ashutosh Pathak

Head

Department of Vocational Studies
Email: ashutoshpathak@csjmu.ac.in

FACTS DEFINING EXCELLENCE

30⁺

Years of Educational Legacy

A trusted name in education
Since 1996, now transformed into
A New-Age School

3650⁺

Students Enrolled

A thriving student community
shaping the Future with innovation &
Knowledge

100⁺

Experienced Faculty In UIET

Learn from the best experts &
from renown Institutions

ACADEMIC PROGRAMS

UNDERGRADUATE DEGREE PROGRAMS

- B.Tech. in Computer Science and Engineering
- B.Tech. in Computer Science And Engineering (Artificial Intelligence)
- B.Tech. in Electronics and Communication Engineering
- B.Tech. in Chemical Engineering
- B.Tech. in Mechanical Engineering
- B. Tech in Materials Science and Metallurgical Engineering
- Bachelor of Computer Application (BCA)
- Bachelor in Design (B. Des.)

POSTGRADUATE DEGREE PROGRAMS

- M. Tech. in Computer Science and Engineering
- M. Tech. in Electronics and Communication Engineering
- M. Tech in Nano-Science and Nano-Technology
- Master of Computer Application (MCA)

DIPLOMA PROGRAMS

- Diploma in Chemical Engineering
- Diploma in Electrical Engineering
- Diploma in Mechanical Engineering
- Diploma in Metallurgy and Material Technology
- Diploma in Fashion Technology

VOCATIONAL PROGRAMS

- Bachelor of Vocation (Interior Design)
- Bachelor of Vocation (Fashion and Apparel Design)

INTEGRATED PROGRAMS

- Integrated M.Sc. (Electronics) specialization in VLSI and IoT System

PHD PROGRAMS

- PhD in Computer Science and Engineering
- PhD in Chemical Engineering
- PhD in Computer Application
- PhD in Mechanical Engineering
- PhD in Electronics and Communication Engineering
- PhD in Materials Science and Metallurgical Engineering

SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)

PROGRAMS WITH DETAILS

Program Name	Duration	Seats	Fee
B.Tech. in Computer Science and Engineering	4 years	180	₹ 115200
B.Tech. in Computer Science and Engineering (Artificial Intelligence)	4 years	60	₹ 115200
B.Tech. in Electronics and Communication Engineering	4 years	90	₹ 90200
B.Tech. in Chemical Engineering	4 years	90	₹ 90200
B.Tech. in Mechanical Engineering	4 years	90	₹ 90200
B.Tech. in Materials Science and Metallurgical Engineering	4 years	60	₹ 90200
B.Tech. in Chemical Engineering (Lateral entry)	3 years	As per norms	₹ 90200
B.Tech. in Mechanical Engineering (Lateral entry)	3 years	As per norms	₹ 90200
B.Tech. in Electronics and Communication Engineering (Lateral entry)	3 years	As per norms	₹ 90200
B.Tech. in Materials Science and Metallurgical Engineering (Lateral entry)	3 years	As per norms	₹ 90200
M.Tech. in Computer Science and Engineering	2 years	30	₹ 70200
M. Tech. in Electronics and Communication Engineering	2 years	30	₹ 70200
M. Tech. in Nano-Science and Nano Technology	2 years	30	₹ 55200
Bachelor of Computer Application (BCA)	3 years	360	₹ 55200
Master of Computer Application (MCA)	2 years	120	₹ 70200
Bachelor of Vocation (Interior Design)	3 years	40	₹ 36200
Bachelor of Design (B.Des)	3 years	30	₹ 55200
Bachelor of Vocation (Fashion & Apparel Design)	3 years	30	₹ 39200
Integrated M.Sc. Electronics (Specialization in VLSI and IOT)	5 years	30	₹ 30200
Diploma in Fashion Technology	1 year	30	₹ 32200
Diploma in Chemical Engineering	3 years	30	₹ 45200
Diploma in Electrical Engineering	3 years	30	₹ 45200
Diploma in Mechanical Engineering	3 years	30	₹ 45200
Diploma in Metallurgy and Material Technology	3 years	30	₹ 45200

ADMISSION PROCEDURE

B.TECH. PROGRAM

- Admission to B.Tech. program is done in the month of May-July through CSJM University B. Tech Admission Portal strictly on the basis of JEE Mains Rank
- For B.Tech programs, the minimum qualification for the admission is as per the norms of JEE conducted by NTA.
- However, in case of vacant seats after the last round counselling, vacant seats are filled through direct admissions based on marks in 10+2 examination.
- Lateral admissions to the 2nd year are permitted based on merit for candidates who have passed 3- year Diploma from institution recognized by UPBTE in any branch of engineering

M.TECH. PROGRAM

- Admission is done on the basis of merit. The candidate should have passed B.Tech from a recognized institution or MSc in specific branches as per requirement of each department. Preference is given to GATE qualified candidates

BCA PROGRAM

- Admission to the BCA program is based on merit. The candidate should have passed 10+2 any subjects from a recognized board.

MCA PROGRAM

- Admission is done on the basis of screening test/Programming test conducted by CSJM University
- The candidate should have graduation with Mathematics/graduation in any subjects with maths in 12th class

INTEGRATED MSC ELECTRONICS PROGRAM

- Admission to this program is based on merit. The candidate should have passed 10+2 with Physics and Mathematics from a recognized board for entry in 1st year and BSc (PCM) for entry in 4th year

BACHELOR OF DESIGN (B.DES.)

- Admission to the B.Voc program is done on the basis of merit
- The candidate should have passed 10+2 or 10+3 from a recognized board with a minimum of 45% marks.

B.VOC (Interior Design / Fashion & Apparel Design)

- Admission to the B.Voc program is done on the basis of merit
- The candidate should have passed 10+2 from a recognized board or or 10+3 diploma

ENGINEERING DIPLOMA

- Admission to Engineering diploma programs is done on the basis of merit
- The candidate should have passed 10th or equivalent from a recognized board with a Science and Mathematics as compulsory subjects.

BEST PRACTICES & DISTINCTIVENESS

- **ICPC Asia Regional Contest – Kanpur Site** is organized regularly to enhance competitive programming skills, global exposure, teamwork, and advanced problem-solving abilities among UIET students.
- **AICTE IDEA Lab** – aims to foster innovation and creativity among students by providing hands-on, multidisciplinary learning through modern tools and prototyping facilities.
- **Hackathons** are conducted on emerging areas such as AI, ML, Cloud Computing, and Cybersecurity to promote innovation, hands-on learning, and collaborative problem-solving.
- **Coding Club** activities facilitate interaction with industry and academic experts through workshops, mentorship, and technical sessions, improving coding proficiency, critical thinking, and professional confidence.
- **Robotics** initiatives offering multidisciplinary exposure by integrating programming with mechanical systems, sensors, and actuators, strengthening practical understanding of software-hardware convergence.
- **Universal Human Values (UHV)** lectures are conducted for all UIET students to inculcate ethical, social, and human-centric values.
- **Industry-oriented courses** run with the support of PMRF students from IIT Kanpur, providing exposure to advanced research practices and industry-relevant skills.
- Use of **industry-standard software** tools such as CAD, ANSYS, CHEMCAD, ASPEN and SolidWorks to bridge the gap between theory and practical application.

Academic & Research Facilities

- **Labs and Workshops:** Specialized departmental laboratories equipped for practical, hands-on learning.
- **Central Library:** A three-story, air-conditioned facility with over 165,000 books, e-resources, and 24/7 digital access.
- **Lecture Halls:** Spacious classrooms supported by modern teaching aids and projectors.
- **Central Workshop:** A dedicated space for engineering practice and technical training.

Health & Wellness

- **Medical Centre:** A 10-bed health facility with specialist doctors and 24-hour ambulance service.
- **Sports Stadium:** A large complex for cricket, football, hockey, and a 400-meter racing track.
- **Gymnasium:** A well-equipped central gym for student and faculty fitness.

Utilities & Connectivity

- **Banking:** In-campus branches of Bank of Baroda and Union Bank of India, along with ATM services.
- **Connectivity:** High-speed Wi-Fi available across the entire campus.
- **Reliable Power & Water:** Round-the-clock (24-hour) electricity and water supply to hostels and academic blocks.
- **Transportation:** Regular bus facility for commuting and a dedicated helipad for emergency and VIP visits.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science and Engineering was established in 1996 with the inception of the Institute and has since evolved into a dynamic center for teaching, research, and innovation. Over the years, the department has significantly expanded its infrastructure, laboratory facilities, and academic offerings in line with emerging technological trends.

The department offers a strong foundation in core areas of Computer Science, complemented by advanced and interdisciplinary electives such as Artificial Intelligence, Machine Learning, Data Science, Natural Language Processing, Distributed and Parallel Computing, Advanced Computer Networks, DBMS, and Cloud Computing.

Equipped with Wi-Fi-enabled smart classrooms and modern laboratories, the department provides an excellent learning environment. It houses specialized labs including programming and core computing labs for first-year students, advanced computing labs with high-end systems and dual-boot environments, as well as dedicated facilities for Microprocessors, Digital Electronics, Networking, and Research. The department also promotes innovation through project-based learning, coding culture, internships, and participation in national and international competitions, preparing students for both higher studies and industry careers.

COURSES OFFERED

- B.Tech. in Computer Science and Engineering
- B.Tech. in Computer Science And Engineering (Artificial Intelligence)
- M. Tech. in Computer Science and Engineering
- PhD in Computer Science and Engineering

FACULTY

- Dr. Sandesh Gupta
- Dr. Deepak Kumar Verma
- Dr. Alok Kumar
- Er. Shesh Mani Tiwari
- Er. Mohd Shah Alam
- Er. Suruchi Singh
- Mr. Kamal Kant
- Ms. Gargi Gupta
- Mr. Sanjay Singh
- Ms. Pragya Tripathi
- Ms. Gayatri Rajpoot
- Mr. Hrishabh Prajapati
- Er. Ramnayan Mishra
- Er. Shubhendra Singh
- Er. Sunil Kumar

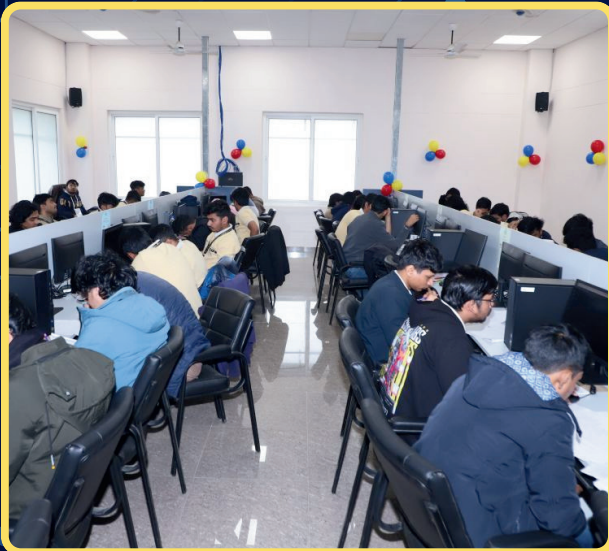
LABORATORIES

- CSE Core Lab
- Advance Lab
- Microprocessor & Digital Electronics Lab
- Network Lab
- Research / BTP Lab
- Database Management System Lab
- Super Computer Lab
- Artificial Intelligence Lab

Graduates of the department are working in top ranked international and national companies like IBM, SAP, CISCO, Samsung, Infosys, Accenture, Swiggy, Big Basket etc.

SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

The rapid development in Electronics and Communication initiated the inception of a Department of Electronics and Communication Engineering in 1996 at UIET. The department aspires to help the students and teachers to reach their full potential by providing multifaced, supportive learning and teaching environment.

The department has active interaction with reputed institutes like IIT(Kanpur), HBTU (Kanpur) and IETE Kanpur local chapter. The faculty are actively involved in research in the areas of Digital Communications, Signal processing, Instrumentation, VLSI, Antenna Design, Power Electronics and Embedded, Fibre Optics Communication. Graduates from the department can find employment as Network Engineers, Voice Engineers, Server Administrators, Wireless security Engineers, Infrastructure Engineers, Wireless Architecture Engineers, Solution Architects, VLSI Engineers.

COURSES OFFERED

- B. Tech in Electronics and Communication Engineering
- M.Tech. in Electronics and Communication Engineering
- Integrated M.Sc. Electronics (Specialization in VLSI and IOT)
- Diploma in Electrical Engineering
- PhD in Electronics and Communication

FACULTY

- | | |
|------------------------------|-----------------------------|
| • Dr. Vishal Awasthi | • Er. Anand Kumar Gupta |
| • Dr. Ajeet Kumar Srivastava | • Er. Amit Kumar Katiyar |
| • Dr. Rajeev Kumar Shakya | • Er. Somesh Kumar Malhotra |
| • Dr. Niraj Kumar | • Er. Preeti Singh |
| • Dr. Ajay Tiwari | • Er. Atul Kumar Agnihotri |
| • Dr. Ompal | • Er. Sagar Yadav |
| • Er. Parul Awasthi | |

LABORATORIES

- | | |
|---------------------------------|---|
| • Microprocessor Lab | • VLSI Design and Simulation Lab |
| • Digital Electronics Lab | • Advance Optical Communication Lab |
| • Digital Signal Processing Lab | • Analog and Digital Communication Labs |
| • Microwave and Wireless Lab | • Instrumentation Lab |
| • Analog Integrated Circuit Lab | • Internet of Things (IoT) Lab |

DEPARTMENT ACTIVITY CLUBS

- | | |
|---------------------------------|---------------------------|
| • Internet of Things (IoT) Club | • Robotics and Drone Club |
|---------------------------------|---------------------------|

SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)

DEPARTMENT OF CHEMICAL ENGINEERING

Keeping in view the need to provide competent and well-trained professionals for the chemical industries of this country, the Department of Chemical Engineering was established in 1996 in UIET, CSJM University. Here, the students are provided with the skills and knowledge required to confront technical challenges so that they can assume leadership positions within the chemical and other associated industries in future.

The department boasts a team of highly qualified and experienced faculty members, with PhD and Master's degrees from reputed institutions such as IITs and NITs. Teaching is supported by modern pedagogical tools that promote analytical thinking, innovation, and conceptual clarity. Lecture recordings are regularly made available on the university's Gyansanchay portal and the departmental YouTube channel to enhance accessibility and learning.

All classrooms are ICT-enabled, and the department also houses a well-equipped seminar hall with smart board facilities. In addition to well-established core laboratories, the department offers advanced computational facilities with industry-relevant software such as CHEMCAD, ANSYS, and MATLAB, supported by high-speed Wi-Fi and LAN connectivity.

The department actively fosters professional development through its IChE student chapter, which regularly organizes expert talks, seminars, and industrial visits. Furthermore, seminars and interactive sessions by eminent industry professionals and distinguished alumni are conducted frequently, providing students with valuable exposure to real-world practices and emerging trends in the field.

COURSES OFFERED

- B.Tech. in Chemical Engineering
- Diploma in Chemical Technology

FACULTY

- Dr. Brishti Mitra
- Dr. Arun Kumar Gupta
- Dr. Vinay Kumar Sachan
- Dr. Praveen Bhai Patel
- Dr. Abhishek Kumar Chandra
- Dr. Umesh Chandra Sharma
- Er. Vaibhav Saxena

LABORATORIES

- Unit Operations Lab.
- Chemical Reaction Engineering Lab
- Process Control & Instrumentation Lab
- Fluid Mechanics Lab
- Process Simulation lab

SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)

DEPARTMENT OF CHEMICAL ENGINEERING



SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)

DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical engineers are able to design and manufacture everything from small parts to large machine parts like gears & turbines. Engineers take a product from beginning to finish and design for aesthetics, functionality, and durability. Mechanical engineers are involved in the design of train engines, engine parts, aircraft engines, automatic systems, pulley & chain drives, measurement tools; sensors, thermal and hydraulic turbines, wind turbines, fuel cells; compressors, pump, robots, and machine tools, etc.

Department of Mechanical Engineering was established in 1996 with an aim to educate and train the graduates to contribute in manufacturing and allied sectors. The Department has well equipped laboratories and infrastructure to cater to the students. Department also extends Testing and Consultancy work for local industries.

COURSES OFFERED

- B. Tech in Mechanical Engineering
- Diploma in Mechanical Engineering
- PhD in Mechanical Engineering

FACULTY

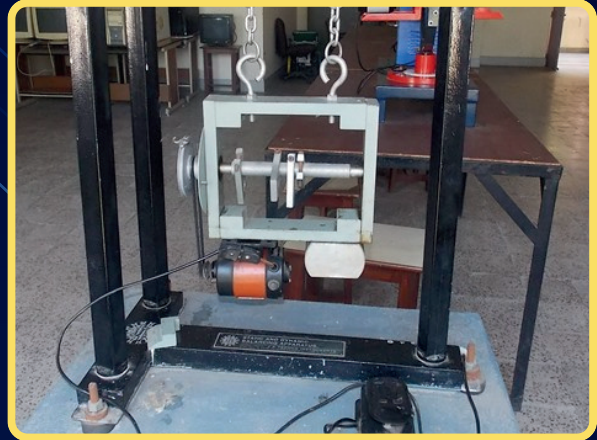
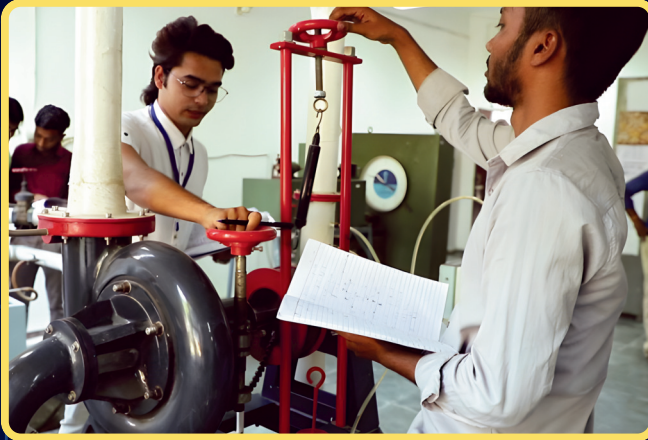
- Dr. Ramendra Singh Niranjana
- Dr. Gaurav Kumar Pandey
- Dr. Hirendra Singh
- Er. Yastuti Rao Gautam
- Er. Vikash Katiyar
- Er. Ajeet Pratap Singh
- Er. Shishupal Singh
- Er. Mukesh Kumar Verma
- Er. Ranbir Mukhya
- Ms. Shailja Awasthi
- Ms. Shalvi Singh Srivastava

LABORATORIES

- CAM Lab
- CAD Lab
- Metrology lab
- I.C. Engine Lab
- Kinematics Lab
- Heat Transfer Lab
- Material Testing Lab
- Fluid Mechanics Lab
- Engineering Drawing
- Mechanical Vibration Lab
- Refrigeration & Air Conditioning Lab

The students from the department are engaged in various sectors such as Automobiles, Heavy engineering Oil and Gas, Transportation, Product and Process industries etc. Our students are placed in companies such as Indian Railways, NTPC, ONGC, ISRO, BHEL, BARC, IOCL, Ordnance Factory, Vedanta Ltd., Reliance Petrochemicals.

SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)
DEPARTMENT OF MECHANICAL ENGINEERING



SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)

DEPARTMENT OF MATERIALS SCIENCE & METALLURGICAL ENGINEERING

The Department was established in 2004 as Materials Science and Engineering and renamed in 2008 as Materials Science and Metallurgical Engineering. This is the second Institute in this region offering an under graduate course in Materials Science and Metallurgical Engineering other than IIT-Kanpur.

Nowadays with the emerging trends in technology, the demand for new, smart and traditional materials is increasing worldwide. These are engineers who manufacture and tailor the properties of the material for these purposes. They design, process materials and construct components/structures using materials, material selection, and analyze failure of materials.

The broad spectrum of Materials Science and Metallurgical Engineering spans from the production of materials in mega quantities, in the manufacturing plants of steel, aluminum, copper, zinc, etc., to the research and production areas of the development of electronic, magnetic, ceramic, optical, nano-materials, smart materials, etc. Materials Science and Metallurgical Engineers serve for industries, production units, manufacturing plants, research institutions, academic institutions, space research centers, nuclear power plants and government running CSIR Labs, etc.

COURSES OFFERED

- B.Tech. in Materials Science and Metallurgical Engineering
- M. Tech. in Nano-Science and Nano Technology
- Diploma in Metallurgy and Material Technology
- PhD in Materials Science and Metallurgical Engineering

FACULTY

- Dr. Vijay Kumar Kashyap
- Dr. Anju Dixit
- Dr. Bhoomika Yadav
- Dr. Alka Gupta

LABORATORIES

- Furnace Laboratory
- Corrosion Laboratory
- Metallography Laboratory
- Material Characterization Laboratory
- Ceramic and Powder Processing Laboratory

MSME students are placed in various companies and organizations such as in Jindal Steel, Bhushan Steel, Mittal Nippon Steel, BRG Group of Industries, Arnium Tech, Honda Auto, Kirloskar and Essar JSPL etc. Some students recently joined as assistant professors in IITs as well.

SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)
DEPARTMENT OF MATERIALS SCIENCE & METALLURGICAL ENGINEERING



SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)

DEPARTMENT OF COMPUTER APPLICATIONS

The Department of Computer Applications was established in the University Institute of Engineering and Technology in 2001. The department is situated in a big spacious building with 11 classrooms, 16 faculty rooms and several computer laboratories.

The computer systems in the labs have advanced configuration to teach students languages such as C++, JAVA, Visual Basic, Visual C in Windows and Linux environment. The laboratories also have the latest software such as Apache Tomcat 5.0.29, J2sdk 6.0, J2EE Server 1.4, Jakarta ANT, Oracle 11i, Jakarta Struts, Jakarta Cactus, NetBeans IDE1.4 etc. The laboratories have high speed internet connections and are used for development of projects.

The Department conducts various training programs in high-end technologies and giving hands-on projects with active assistance from its teaching faculty. As a result, the Department is making rapid progress in academic performance and student career track. Our students have completed their way into companies like Infosys, Wipro, Satyam, HCL, Accenture, Mindtree, Honeywell, and Mascot to name a few software giants.

COURSES OFFERED

- Bachelor of Computer Applications (BCA)
- Master of Computer Applications (MCA)
- PhD in Computer Applications

FACULTY

- Dr. Pushpa Mamoria
- Prof. Rabins Porwal
- Dr. Namita Tiwari
- Dr. Mamta Tiwari
- Mr. Amit Virmani
- Mr. Omkar Agrahari
- Mrs. Mamata Mayee Panda
- Mr. Prashant Srivastava
- Mr. Abhishek Dwivedi
- Dr. Arpita Singh
- Mr. Akhilesh Singh
- Dr. Ritesh Agarwal
- Mr. Shivneet Tripathi
- Mr. Himanshu Shukla
- Mr. Ravi Kant Mishra
- Mr. Shilpi Dubey
- Mr. Anand Kumar Mishra
- Mrs. Richa Dixit Pandey
- Mrs. Shagoofi Anjum
- Mrs. Shikha Shukla
- Dr. Shekhar Verma

LABORATORIES

- Programming Lab
- DBMS Lab
- Web Technology Lab
- Software Engineering Lab
- Networking Lab
- Major Project Lab

SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)
DEPARTMENT OF COMPUTER APPLICATIONS



DEPARTMENT OF VOCATIONAL STUDIES

The Department of Vocational Studies, established in 2019, is a vibrant and rapidly growing academic unit dedicated to skill-based and industry-oriented education. The department aims to bridge creativity with practical and technical expertise, fostering a learning environment that encourages innovation, design thinking, and hands-on experience.

The department offers a range of forward-looking undergraduate programmes, including B.Voc in Interior Design, B.Voc in Fashion and Apparel Design, and B.Des. These programmes are carefully designed to combine conceptual understanding with practical training in areas such as spatial planning, garment construction, digital design tools, and multidisciplinary design approaches. The department is well-equipped with advanced design labs, high-end computer workstations, and facilities such as 3D printing, enabling students to develop prototypes and gain exposure to industry-standard technologies.

With a strong focus on employability and professional growth, the department emphasizes training, internships, and industry interaction. Students are encouraged to engage in live projects, workshops, and collaborative activities. The department has established connections with industry partners, facilitating placement opportunities in cities like Kanpur, Lucknow, and Delhi. Through its commitment to excellence, innovation, and skill development, the Department of Vocational Studies continues to empower students to build successful careers in creative and vocational domains.

COURSES OFFERED

- Bachelor of Design (B.Des)
- Bachelor of Vocation in Interior Design
- Bachelor of Vocation in Fashion and Apparel Design
- Diploma in Fashion Technology

FACULTY

- Ar. Prashant Singh
- Ar. Ashutosh Pathak
- Ar. Neha Mishra
- Ar. Prateek Agarwal
- Ar. Shruti Sonker
- Ar. Ananya Tripathi
- Mrs. Aastha Manchanda
- Mrs. Amna Khatun
- Ms. Sandhya Verma

LABS & STUDIOS

- Drafting Lab
- Design Studio
- Computer Lab
- Wood & Metal Workshop

SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)
DEPARTMENT OF VOCATIONAL STUDIES



SUPERCOMPUTING HUB FOR ARTIFICIAL INTELLIGENCE

The University Institute of Engineering & Technology (UIET) has taken a significant step toward technological advancement by establishing a Supercomputing Hub for Artificial Intelligence within its Department of Computer Science and Engineering. This initiative represents a major milestone not only for the university but also for the entire region, positioning CSJMU as a growing center of excellence in advanced computing and AI-driven innovation.

Designed with cutting-edge infrastructure, the Supercomputing Hub is equipped with GPU-accelerated high-performance computing systems, powered by advanced NVIDIA DX H200-class processors. These systems are capable of handling large-scale computational tasks, enabling researchers and students to work on complex problems involving massive datasets and high-speed processing. The facility provides an ideal environment for developing and training sophisticated AI models, supporting real-time analytics, simulations, and data-intensive applications.

- Equipped with GPU-accelerated high-performance computing systems
- Powered by NVIDIA DX H200-class processors for intensive AI workloads
- Designed for large-scale model training and real-time data processing
- Supports high-speed computation for complex simulations and analytics

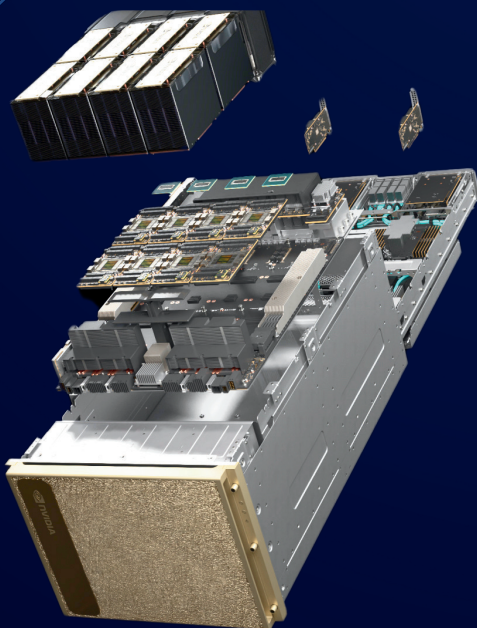
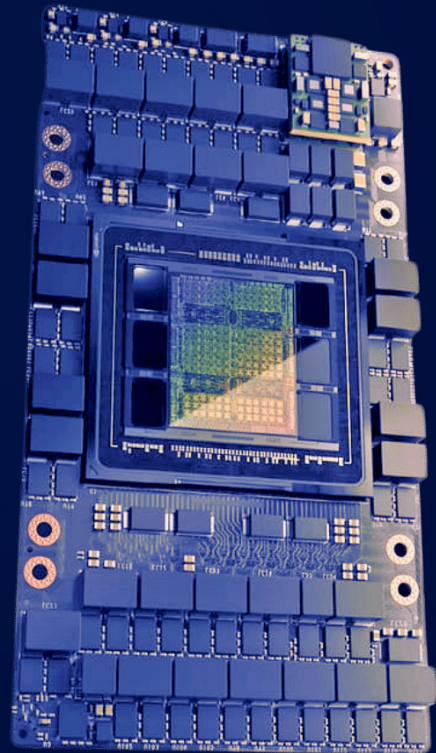
The Supercomputing Hub enables

- **Advanced Artificial Intelligence & Machine Learning research**
- **Deep Learning and neural network development**
- **Computer Vision and intelligent image processing**
- **Natural Language Processing (NLP) applications**
- **Development and training of Large Language Models (LLMs)**
- **Data-intensive scientific and industrial research**

This Supercomputing Hub is recognized as one of the first facilities of its kind in a public university in Kanpur, marking a new era of innovation and technological growth. It reflects CSJMU's commitment to building a future-ready ecosystem that encourages creativity, research excellence, and skill development in emerging technologies.

Through this visionary initiative, UIET continues to shape the next generation of engineers, researchers, and innovators, empowering them with the tools and knowledge required to thrive in the rapidly evolving world of Artificial Intelligence and digital transformation.

SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)
SUPERCOMPUTING HUB FOR ARTIFICIAL INTELLIGENCE



Cyber Security Lab

Our Cyber Security Lab is a state-of-the-art facility designed to equip students with practical knowledge and industry-relevant skills in safeguarding digital infrastructure. It offers a dynamic environment where learners can explore real-world cyber threats and develop effective defense strategies.

Students gain hands-on experience in **Vulnerability Assessment & Penetration Testing (VAPT)**, enabling them to identify, analyze, and mitigate system vulnerabilities in a controlled setup. Through **ethical hacking practices**, they learn how attackers operate and how to defend systems using advanced tools such as Kali Linux and Metasploit.

The lab also emphasizes **network security analysis**, where students monitor and evaluate network traffic to detect anomalies and prevent unauthorized access. In addition, **phishing simulation and awareness programs** help learners understand social engineering attacks and build resilience against them.

A strong focus is placed on **cryptography and data protection**, introducing students to modern encryption techniques and secure communication protocols. Overall, the Cyber Security Lab fosters critical thinking, problem-solving, and a proactive approach to tackling emerging cyber threats, preparing students for careers in the rapidly evolving field of cybersecurity.



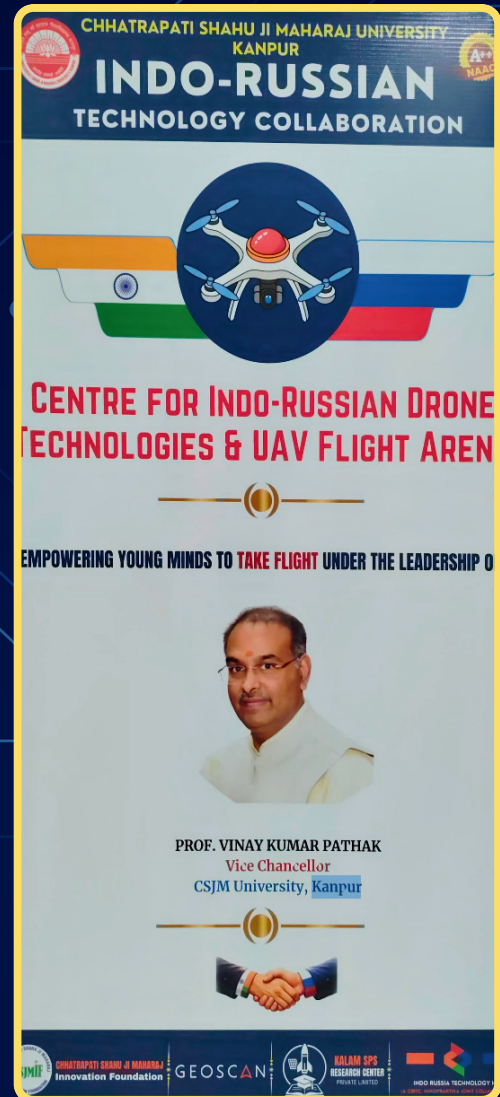
AICTE IDEA Lab

The AICTE IDEA (Idea Development, Evaluation & Application) Lab at CSJM University, Kanpur, established on 10th February 2025 with a project outlay of ₹90 lakhs, is a flagship initiative to promote innovation-driven education. Aligned with the National Education Policy 2020, the lab emphasizes hands-on STEM learning, nurturing skills such as critical thinking, design thinking, collaboration, and problem-solving. Located in the Central Workshop Building, it serves as a shared innovation hub for students, faculty, and nearby institutions. With strong industry collaboration, the lab fosters product development, research, and startup culture, empowering students to become future-ready innovators and entrepreneurs.



Drone Lab

The Drone Lab at UIET CSJMU serves as a cutting-edge facility dedicated to innovation, research, and experiential learning in unmanned aerial vehicle (UAV) technology. It provides students with opportunities to design, assemble, and program drones while gaining hands-on exposure to flight dynamics, control systems, and embedded technologies. The lab supports diverse applications such as precision agriculture, aerial surveillance, mapping, and disaster response. Equipped with advanced tools and guided by experienced faculty, it nurtures creativity, collaboration, and problem-solving skills. Students actively participate in projects, competitions, and research initiatives, enhancing their technical expertise and industry readiness. The Drone Lab bridges the gap between theoretical knowledge and practical implementation, empowering students to develop impactful solutions. It plays a crucial role in shaping future engineers capable of driving innovation in aerospace, robotics, and emerging drone-based technologies.



Robotics Lab

The Robotics Lab at UIET offers a dynamic environment for students to design, build, and program intelligent robotic systems. Through hands-on learning, students explore robot design, embedded systems, sensors, and actuators, gaining practical experience in automation and autonomous technologies. The lab introduces microcontrollers, Arduino, and real-time programming, enabling understanding of robot-environment interaction. It focuses on applications like industrial automation, robotic arms, and AI-based systems. Students engage in projects, competitions, and research, enhancing technical and problem-solving skills. By integrating AI, machine learning, and IoT, the lab prepares students for careers in robotics, automation, and advanced technological domains.

SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)

FACILITIES

University Institute of Engineering and Technology is situated in the 264-acre lush green campus of Chhatrapati Shahuji Maharaj University, Kanpur. The different engineering departments are located in their own buildings which have classrooms, laboratories and faculty offices. Additionally, there is a Lecture Hall Complex comprising of nine lecture halls

Library



The Central Library has a centrally located magnificent three-storied building equipped with all modern facilities.

It has a seating capacity for about 700 users. It has a collection of over 140,000 books, which consists of books, thesis, reference collections, and bound volumes of journals.

In addition to this, it has good collection of E-resources like (e-journals, e-books and e-repository).

Hostels

There are six on-campus hostels with the capacity of 1114 seats, of which two are Boys' Hostels and four Girls' Hostels.

The two Boys' Hostels namely, Shivaji (400 pax) and Swarn Jayanti (200 pax) and Girls' Hostels are Ganga (72 pax), Triveni (108 pax), Saraswati (218 pax), and Kaveri (116 pax) have two-seater and three-seater rooms.



Language Lab



To enhance the communication skills of the young aspiring engineers, modern and updated Language Lab is accessed by the learners belonging to varied backgrounds.

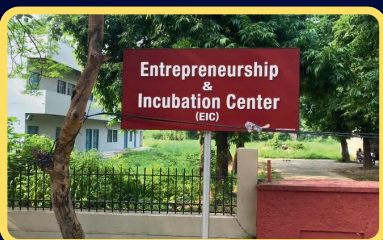
The learners are trained to acquire proficiency and fluency in their speaking skills by participating in various form of mock oral presentations viz Group discussions, Mock Interview Sessions, and Elevator Speeches.

Central Workshop

Maintaining the focus on practice-oriented teaching, the Central Workshop is the right place for the learners to utilize their technical know-how on hands on project to find conclusive results. Students of all engineering disciplines get hands-on training in welding, forging, cutting, drilling, etc.



Innovation & Entrepreneurship Incubation Cell



To support the ingenious young minds, the university has established an Innovation and Entrepreneurship Incubation Cell.

The aim is to develop entrepreneurial attitude in students and faculty by incorporating it within the academic framework and to create a pre-incubation platform to nurture ideas to technological inventions and business enterprises by providing pre-seed financial support, infrastructures and resources.

NSS Units

Today's youth is the building block of our nation. To generate awareness among the youth regarding their responsibility towards their society and our communities, the university is following the Central Sector Scheme of the Government of India under the Ministry of Youth Affairs and Sports, the NSS Scheme to train the young students to participate in social service activities.



Gymnasium/Sports Complex



The progressive mind resides in a healthy body. To maintain the healthy coordination between the two, the gymnasium is equipped with the instruments, exercising gears, and machines that are required for de-stressing a tired mind and building a healthy body. The facility to participate in various sports activities such as Badminton, Volleyball, Basketball, Cricket and swimming among others encourages the learners to be active and to be fit.

Health Center

The Health Center is well-equipped with 10 beds and provides OPD facility for Medicine, Orthopedics, Ophthalmology, ENT, Surgery, Psychiatry, Psychology, Dental, and Pediatrics by renowned specialists of the city. 24-hour ambulance service and facilities for ECG, Multipara monitor, Dental X-ray, and Minor OT services are also available.



OUR RECRUITERS



PROFESSORS OF PRACTICE

- Dr. Rajiv Tandon - Computer Science & Engineering (CSE)
- Mrs. Vinita Dixit - Computer Science & Engineering (CSE)
- Mr. Sandip Srivastava - Electronics & Communication Engineering (ECE)
- Mr. Amit Kumar Mishra - Electronics & Communication Engineering (ECE)
- Mr. Vijay Kumar - Chemical Engineering (CHE)
- Mr. Punit Khanna - Mechanical Engineering (MEE)
- Mr. Shashank Chaturvedi - Chemical Engineering (CHE)
- Mr. RC Saxena - Materials Science and Metallurgical Engineering
- Mr. PC Sinha - Materials Science and Metallurgical Engineering

PLACEMENT DATA OF SESSION 2025-26

#	Department	Percentage
1	Electronics & Communication Engineering (ECE)	91 %
2	Mechanical Engineering (MEE)	96 %
3	Computer Science & Engineering (CSE)	88 %
4	Computer Science & Engineering - Artificial Intelligence (CSE-AI)	89 %
5	Chemical Engineering (CHE)	95 %
6	Information Technology (IT)	89 %
7	Bachelor of Computer Application (BCA)	81 %
8	Master of Computer Application (MCA)	80 %

*** Highest Package offer 16 LPA to MTech CSE Student

** 11 LPA to BTech CSE student Preit Srivastava Cognitree Solution

* 10 LPA To BTech Mechanical student Adarsh Raj Singh Reliance Industries

INSPIRING JOURNEYS OF UIET ALUMNI



Prof. Rajeev Kumar
Professor, IIT Mandi



Prof. Surya Prakash
Professor, IIT Indore



Dr. Raghendra Singh
Associate Professor, IIT Kanpur



Dr. Anand Handa
CSO, C3i Hub, IIT Kanpur



Apoorva Tripathi
IAS
UPSC 2020



Ashutosh Dixit
Scientific Officer, BARC Mumbai



Mayank Garg
Senior Principal Engineering Lead,
Microsoft



Pawana Dengar
Wing Commander, Indian Air Force



Atul Nigotia
Scientific/ Engineer, ISRO



Priyanka Mishra
Scientific/ Engineer, ISRO
Deputy Project Director,
Chandrayaan 3



Priyanka Yadav
Scientific/ Engineer, ISRO



Pravesh Mathur
Scientific/ Engineer, ISRO



Janardan Singh
Scientist/ Engineer-SC, ISRO, Govt.
of India



Shashank Gupta
Vice President, Royal Bank of
Scotland



Mohammad Afzal
E/M Engineer, Military Engineer
Services



Dr. Rita Maurya
Asst. Prof., NIT Hamirpur



Gautam Wadhvani
Engineering Manager, Apple Inc.



Anukriti Ojha
Sr. Quality Engineer, Walmart Global
Tech



Mukesh Kumar
Engineering Manager, Amazon Web
Services



Abhishek Dwivedi
Sr. Software Dev Engineering, CISCO

SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)

PLACEMENT RECORDS



Abhishek Singhal
Package: Upto 7.2 LPA



Harshit Chaturvedi
Package: Upto 7.2 LPA



Biplob Kumar
Package: 16.5 LPA



Shraddha Rani
Package: 18 LPA



Amit Vishwakarma
Package: Upto 7.2 LPA



Ashwani Shakya
Package: Upto 7.2 LPA



Vijay Pratap Singh
Package: Upto 7.2 LPA



Ishika Tiwari
Package: Upto 7.2 LPA



Riya Katiyar
Package: 7.62 LPA



Deepanshu Shukla
Package: 7.62 LPA



Vaishnavi Gupta
Package: 7.62 LPA



Abhishek Kanoujia
Package: 4.1 to 5.35 CTC



Kapil Pandey
Package: 4.1 to 5.35 CTC



Anubhav Dixit
Package: 4.1 to 5.35 CTC



Anuj Kushwaha
Package: 4.1 to 5.35 CTC



Aditya Maurya
Package: 4.1 to 5.35 CTC



Ankur Sharma
Package: 4 LPA



Abhishek Gupta
Package: 4.1 to 5.35 CTC



Kaminee Agnihotri
Package: 3 LPA



Aman Pandey
Package: 4.1 to 5.35 CTC

“
A vision beyond horizons, driven by
a commitment to professional
excellence
”

Prospectus 2026



Chhatrapati Shahu Ji Maharaj University

(A State University of Uttar Pradesh Govt.)

(Formerly Kanpur University)

School of Engineering and Technology (UIET)

Kalyanpur, Kanpur-208024

Uttar Pradesh, India

<https://csjmu.ac.in/school-of-engineering-and-technology/>