Program Overview:

Department has introduces a dual degree P.G. Programme **INTEGRATED M.Sc.-ELECTRONICS** (**Specialization-VLSI & IoT System**) from the academic session 2023-24. This five-year M.Sc. Programme in Electronics has dual entry and dual exist scheme, i.e., offered to students of 10+2 PCM group for first year entry and B.Sc. (PCM) for fourth-year entry. Similarly, the student can graduate after completing three years of the curriculum. After completing the five-year curriculum, the students are awarded graduation and post-graduation degrees. After completing the course students can make their careers in Electronics and Communication Engineering industry or can become an entrepreneur. They can work as their Individual capacity as well as teams on multidisciplinary projects. Diverse job opportunities exist for Engineers in Government as well as in Private sector.

Dr. Vishal Awasthi
Co-ordinator
098391026

Dr. Brishti Mitra
Director
School of Engineering
& Technology

Admission Co-ordinator

Dr. Ajay Tiwari
7275002763
Dr. Ajeet Kr Srivastava
9307511919

For more details

About The Department:

The Department of Electronics and Communication Engineering (ECE) was established in the year 1996 to impart state-of-the-art and quality education, training, and research in the field of Electronics and Communication Engineering and allied areas. The department offers a B.Tech. with an initial intake of 66 students, a Master's program in Integrated-M.Sc. Electronics with an intake of 33 students and a Diploma program in Electrical Engineering with an initial intake of 30 students.

Laboratories:

- ❖ Digital Signal Processing Lab.
- ❖ Microwave and Wireless Lab.
- ❖ Advance Optical Communication Lab.
- ❖ Analog and Digital Communication Lab.
- ❖ Microprocessor Lab.
- ❖ Instrumentation Lab.
- ❖ Basic Electrical and Electronics Lab .
- ❖ Digital Electronics Lab.
- ❖ Analog Integrated circuit Lab.

School of Engineering & Technology (UIET)
Department of Electronics & Communication Engineering

C S J M University, Kanpur
(Formerly Kanpur University)
UGC Category-I

Admission Brochure

Dual Degree Programme

INTEGRATED M.Sc.–ELECTRONICS
(Specialization in VLSI & IoT System)

Eligibility for Admission:
- ●**Intermediate (PCM) for Ist year Entry**
- ●**B.Sc. (PCM) for IVth Year direct Entry**

Join Us!

To empower Your Future in Semiconductor Innovation

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

Programme Name:

INTEGRATED M.Sc.-ELECTRONICS
(SPECIALIZATION IN VLSI & IoT SYSTEM).

Intake : 30
Duration : 5 (3+2) years
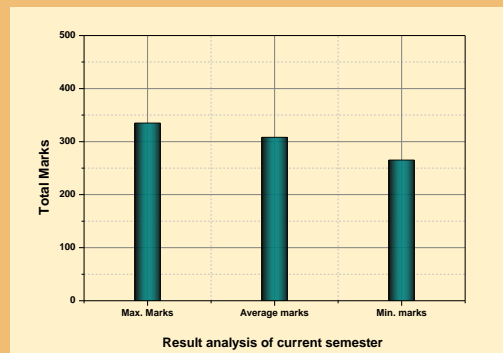**Fees** : Rs.- 29,200/-

Program Benefits:

- **About VLSI and IoT**: Very Large Scale Integration is a field of electronics that designs and fabricates integrated circuits. Internet of Things is a network of interconnected devices that collect and exchange data. The market demand for VLSI is driven by the increasing need for advanced electronics in sectors such as smartphones, automotive, IoT, and artificial intelligence, creating numerous job opportunities and industry growth.

- **Industry-Relevant Skills:** Through internships and industry collaborations, students will gain practical experience and exposure to the latest technologies and industry practices.

- **Research Opportunities:** The program will encourage students to engage in cutting-edge research in the field of VLSI and IoT systems.

- **Career Prospects**: This program will be well-equipped to pursue careers in various sectors, including semiconductor manufacturing companies; electronics design firms, IoT product development companies, research and development organizations, and academia.

NET/GATE in 2024
Qualified Students - 10

Result Analysis of Current Semester:

Result analysis of current semester

Campus Facilities :

- ❖ Advanced Hi-Tech Laboratories
- ❖ Hostel Facilities
- ❖ Hi Tech Library with e resources
- ❖ Placement opportunities
- ❖ Government Scholarships
- ❖ Green and Wi-Fi Campus
- ❖ Start-Up Centre for pass-out positions

Career Options:

- • RTL Design Engineer
- • Verification Engineer
- • Synthesis Engineer
- • Software Testing
- • Validation Engineer
- • IoT Hardware engineer
- • IoT Data analytics
- • Layout Design Engineer