

## M.Tech (2021-22)

Silicon Institute of Technology, Bhubaneswar (Autonomous) is well known for its quality technical education across the country. The Institute offers various Under Graduate Programs (B. Tech.) in engineering along with Master in Computer Application (MCA) and M.Tech. Programs in three branches - Electrical and Electronics Engineering (EEE), Electronics and Communication Engineering (ECE) and Computer Science & Engineering (CSE).

**Eligibility:** The students seeking M.Tech. Admission in Silicon Institute of Technology, either has to have a valid GATE score or have qualified in the PGAT-2021 entrance examination conducted by OJEE.

**Stipend:** GATE qualified students taking admission in the M.Tech. Program will get a stipend of Rs.10, 000/- per month basis in addition to the stipend of Rs 12, 000/- offered by AICTE. There is also a provision of offering stipends to the meritorious students qualified in PGAT-2021.

**Placement:** There are assured job opportunities for the meritorious students. A student will be allowed to participate in the placement drive along with the undergraduate students of the Institute. The companies hiring M.Tech. students typically offer higher packages and positions. Encouragement for publications: The Institute encourages the M.Tech. students to publish their research articles in international conferences and reputed journals by offering attractive incentives in the form of financial assistance. Scope for pursuing Ph.D.: After successful completion of M.Tech. Program, the interested students are encouraged to pursue their Ph.D. program under the supervision of experienced faculty members of the department.

**Study Loan:** The Institute will also provide all necessary supports for availing study loans from reputed private/public sector banks.

**M.Tech. Programs offered:**

### M.Tech. in Power System Engineering (9 seats)

Offered by the Department of Electrical and Electronics Engineering Salient features: The program offers many advanced courses in different areas of modern power system

as professional electives, looking into the current industry and research demands. Some of these are Power system planning, Smart Grid, Distributed generation and Micro Grids, FACTs and custom power devices and Computer aided power system analysis and design. The specialized courses create opportunities of specialized jobs in the power sector (Generation, transmission and Distribution), particularly in companies such as ABB, GE, L & T, PRDC, BHEL etc.

### **M.Tech. in Electronics and Communication Engineering (18 seats)**

Offered by the Department of Electronics and Communication Engineering Salient features: Studying M. Tech. in Electronics and Communication Engineering is the dream of many aspirants due to a number of reasons - job opportunities, salary range and continuous industry growth. In a nutshell, this program offers several advanced courses in the area of communication engineering with emphasis on professional electives such as advanced VLSI, Embedded systems, Image and video processing. With these specialized courses, there are plenty of job opportunities in the core sector, particularly in R&D.

### **M.Tech. in Computer Science and Engineering (9 seats)**

Offered by the Department of Computer Science and Engineering Salient features: The program offers many advanced courses in different threads as professional electives looking into the current industry and research demands such as Machine Learning, Statistical Inference, Advanced Machine Learning, Deep Learning and Applications, Big Data Analytics which leads to a specialization in Data Science and Wireless Sensor Network, Cloud Computing, Advanced Wireless and Mobile network, IOT for Enterprise Network which leads to specialization in IOT. Apart from emphasis on theoretical concepts the syllabi include hands-on practices to implement and explore the research findings. Lot of employment opportunities with attractive packages are available for the students with these specializations across the globe.

For updates on admission process, Fees, Stipend, Employment opportunity, GATE-2020/2021 and PGAT-2021, the aspirant student may register at the link below or contact

**Prof. (Dr.) Sanjit Kumar Swain**  
**sswain@silicon.ac.in**  
**Contact no 09437284114**