

Admission to Ph.D. Programs – July 2024

Silicon University, Bhubaneswar, offers Ph.D. programs in wide range of areas of Engineering, Science, Humanities, Social Sciences, and allied inter-disciplinary areas. The broad objectives of the Ph.D. program are to keep pace with the expanding frontiers of knowledge and to provide research training relevant to the present social and economic objectives of the country. The candidates interested for admission to all Ph.D programs (July session 2024) must participate in SUAT-2024.

Applications are invited for enrolment (Full-time and Part-time) to Ph.D. programs, July-2024 in the following disciplines:

- i) Engineering:** Computer Science & Engineering, Electrical Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering, Electronics & Instrumentation Engineering
- ii) Science:** Mathematics, Chemistry
- iii) Management**

BROAD AREAS OF RESEARCH:

Image & Signal Processing, Nano device/ semiconductor Devices, Antenna Engineering, Genomic Signal Processing, Sensor systems & IoT, Wireless Communication, VLSI, Power systems, EV, Power electronics & device, Control System, Renewable energy systems, smart grid, Machine drives, Grid connected Renewable Energy systems.

Data Mining, Artificial Intelligence, Machine Learning, Natural Language Processing, Computer Vision, Internet of Things, Cloud Computing, Computer System Performance, Parallel and Distributed Systems, Software Engineering, Database/Internet/Cyber/Cloud/Information Security, Block Chain Technology, Fluid Dynamics, Environmental Chemistry, Hospital management, Trust, NGO, CSR

ELIGIBILITY CRITERIA:

ME/ M.Tech./ Integrated M. Tech./MCA/M.Sc./ M.A./ MBA / M.Com./B.Tech.

In addition, individual departments may set specific admission criteria for short listing. Meeting the minimum eligibility qualifications does not guarantee admission into the Ph.D. program. Shortlisted candidates will have to appear for Silicon University Admission Test (SUAT-24), which comprises of a written examination and/or interview. The Entrance Test syllabus shall consist of 50% of research methodology and 50% shall be subject-specific. Students who have secured 50 % marks in the entrance test (written) are eligible to be called for the interview.

Candidates selected under QIP or having UGC-NET (including JRF) / UGC-CSIR NET / GATE / CAT or other similar national tests with qualifying percentile scores are exempted from the entrance test. Information on specific departments and related research activities is available on the department homepage, in our website (www.silicon.ac.in).

The syllabus for the test is available in the SUAT-2024 Brochure.

Full-time students:

Individuals who would like to pursue Ph.D. in-house, while residing on campus.

Part-time students:

Individuals who are working in organizations that provides adequate basic facilities and an environment suitable for research.

FINANCIAL ASSISTANCE:

Full-time students admitted into the Ph.D. program are eligible for fellowships as per the University norms.

APPLICATION PROCEDURE:

The candidates need to fill-up the SUAT-2024 online application form at www.silicon.ac.in

During the application they need to upload the scanned copy of passport size photograph and signature.

IMPORTANT DATES:

SUAT-2024 Online application available from	10 th May 2024
Last date for submission of applications	16 th June 2024
Declaration of shortlisted candidates	29 th June 2024
Entrance Test (at Silicon University, Bhubaneswar)	13 th July 2024
Declaration of results	16 th July 2024
Personal Interview	Will be intimated personally

N. B.

The University reserves the right to change the above deadlines.

Sd/-

Dean (Research & Consultancy)