

Admission into Ph.D. Program (July-2025 Session)

Silicon University, Odisha, located in Bhubaneswar, offers Ph.D. programs across a broad spectrum of fields, including Engineering, Science, Humanities, Social Sciences, and interdisciplinary studies. The primary objectives of the Ph.D. program are to stay at the forefront of expanding knowledge and to provide research training that aligns with the country's current social and economic goals. Silicon University, Odisha, invites **ONLINE** applications (available at www.silicon.ac.in) for admission to the **Ph.D. program** from eligible candidates for the year **2025-26 (July Session)**.

Applications are now open for enrollment in the Ph.D. program for July 2025 in the following disciplines:

- 1) **Engineering:** Computer Science & Engineering, Electrical Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering, Electronics & Instrumentation Engineering
- 2) **Science and Humanities:** Mathematics, Physics, English, Molecular Medicine

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 & Devices, Control Systems, 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, Block Chain Technology, Database/Internet/Cyber/Cloud/Information Security, Understanding mechanism of neurodegeneration and vascular dysfunction in Alzheimer's disease, Identifying novel biomarkers and pathways for therapeutic development for neurodegenerative diseases, Understanding the mechanism of toxic protein aggregation linked to neurodegenerative diseases, Differential Equations, Difference Equation with Delays, ELT, Applied Linguistics, English Literature.

Eligibility Criteria: M.E./M.Tech./Integrated M.Tech./MCA/M.Sc./M.A./ B.Tech

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

Candidates who have qualified UGC-NET, CSIR-NET, GATE, or other equivalent national/state-level examinations with **valid scores** are exempted from the entrance test. For details about specific departments and their research activities, please visit the respective department pages or our website at www.silicon.ac.in.

The syllabus for the entrance test is available on the website:

https://erp.silicon.ac.in/silicon_suat/upload/image/SYLLABUS.pdf

N.B.: To complete the Ph.D. application and register for the Silicon University Admission Test (SUAT) examination, please click here.

https://erp.silicon.ac.in/silicon_suat/Index/institute_index/ins/Silicon/

Important Dates:

SUAT-2025 online application available from	15th May 2025
Last date for submission of applications	15th June 2025
Declaration of shortlisted candidates	22nd June 2025
Entrance Test (at Silicon University, Bhubaneswar)	5th July 2025
Declaration of results	9th July 2025
Personal Interview	Will be intimated personally

N. B. The University reserves the right to change the above deadlines.

Sd/-

Dean (Research & Consultancy)