

Silicon Tech



Information Brochure 2022-23

SILICON INSTITUTE OF TECHNOLOGY | BHUBANESWAR

About SiliconTech

Silicon Institute of Technology (known as SiliconTech) was founded in 2001 in Bhubaneswar, Odisha. It is a top-ranked (amongst private and government) engineering institute in the state, which provides technologically focused education to more than 2000 undergraduate and postgraduate students in different fields. Over the years, it has won numerous awards for its distinguished contributions in the field of education, research and entrepreneurship.

6

Departments

154

Faculty
Members

2358

Students

9000+

Alumni





VISION

To become a center of excellence in the fields of technical education & research and create responsible citizens.



MISSION

To provide the best of technical skills, professional ethics and human values in enriching the disciplines of Science, Engineering and Technology for Social development and Nation building.

Autonomous
Institute

NAAC
Grade 'A'

AICTE
Approved

Affiliated
to **BPUT,**
Odisha

NIRF 2022
Rank- 161
(Engineering)

NBA Accredited
UG Programs
(CSE, ECE and EEE)

ARIIA 2021
'Band B'
Performer

Departments



Computer Science & Engineering (CSE)



Electronics & Instrumentation Engineering (EIE)



Electronics & Communication Engineering (ECE)



Computer Applications



Electrical & Electronics Engineering (EEE)



Basic Sciences and Humanities (BSH)



Programs Offered

Undergraduate (B.Tech.) Programs

| DEPARTMENT | PROGRAMS OFFERED | PROGRAM INTAKE | | | |
|--|---|----------------|----------------|---------|----------------|
| | | Regular | Regular (TFW*) | Lateral | Lateral (TFW*) |
| Computer Science & Engineering (CSE) | B.Tech. Computer Science & Engineering (CSE) | 180 | 9 | 18 | 1 |
| | B.Tech. Computer Science & Technology (CST) | 60 | 3 | 6 | 0 |
| | B.Tech. Computer Engineering (CEN) | 60 | 3 | 6 | 0 |
| Electronics & Communication Engineering (ECE) | B.Tech. Electronics & Communication Engineering (ECE) | 180 | 9 | 18 | 1 |
| Electrical & Electronics Engineering (EEE) | B.Tech. Electrical & Electronics Engineering (EEE) | 180 | 9 | 18 | 1 |
| Electronics & Instrumentation Engineering (EIE) | B.Tech. Electronics & Instrumentation Engineering (EIE) | 60 | 3 | 6 | 0 |

* TFW – Tuition Fee Waiver

B.Tech. students have the option to change their branches at the end of 1st year, based on merit, preference, and academic rules.

Postgraduate (M. Tech. / MCA / M. Sc. Data Science) Programs

| DEPARTMENT | PROGRAMS OFFERED | INTAKE |
|---|---|--------|
| Computer Science & Engineering (CSE) | M. Tech. Computer Science & Engineering (CSE) | 9 |
| | M.Sc. Data Science | 30 |
| Electronics & Communication Engineering (ECE) | M.Tech. Electronics & Communication Engineering (ECE) | 9 |
| Electrical & Electronics Engineering (EEE) | M. Tech. Electrical & Electronics Engineering (EEE) | 9 |
| Computer Applications (CA) | Master in Computer Applications | 60 |

Ph.D. Program

SiliconTech offers Ph.D. programs in a wide range of specializations in Engineering, Science, Mathematics, Humanities, Social Sciences and allied interdisciplinary areas.

Curriculum

Our curriculum is constantly evolving, keeping in sync with industry and research requirements. It consists of the following key components:



Academics: The program structure for all undergraduate disciplines comprises of Common courses, Compulsory disciplinary courses, Laboratory courses and Elective courses.

Summer Internship: It is an integral part of the academic curriculum, which has a duration of 30-45 days and is conducted during summer breaks after the 2nd, 4th and 6th semesters.

Practice School (PS): It is conducted in the final year of the B.Tech. program and provides excellent opportunity for students to get on-the-job training and gain employability skills. It is optional. Students can do a major project with elective courses in campus in lieu of Practice School.

Why Join SiliconTech?

- A Premier private technological institute in Odisha since 2001
- Distinguished faculty members having Ph.D. with extensive research experience
- Highly successful and well-positioned alumni working in India and abroad
- Enriched Industry-Institute interface
- Multi-disciplinary research facilities
- Recognized as the most vibrant Entrepreneurship Development Cell (ED Cell) in the state
- Outstanding placement record, rated among the top in the state
- Vibrant campus life

Undergraduate (B.Tech.) Admissions

| PROGRAMS | ELIGIBILITY | QUALIFYING EXAM | SELECTION PROCESS |
|-----------------------------------|--|-----------------|--------------------|
| B. Tech. Regular Admissions | 10+2 (Science) with minimum aggregate of 45% in Mathematics, Physics & Chemistry | JEE Mains 2022 | OJEE e-counselling |
| B. Tech. Lateral Entry Admissions | B. Sc./ Diploma in Engineering of respective branches | OJEE 2022 | OJEE e-counselling |

Spot Admissions

Students who have not participated in first round of OJEE counselling can participate in institute level (spot) admissions, based on JEE Main entrance rank for regular admissions and OJEE entrance rank for lateral entrants. Admissions will be on a first-cum-first serve basis subject to vacancy of seats and as per guidelines of Government of Odisha.

Postgraduate (M.Tech./ MCA/ M.Sc. Data Science) Admissions

| PROGRAMS | ELIGIBILITY | QUALIFYING EXAMINATION | SELECTION PROCESS |
|--|--|---|--|
| M.Tech. Computer Science & Engineering (CSE) | B.Tech./ B.E. in CSE/EEE/EE/ECE | PGAT conducted by OJEE 2022/GATE 2021/GATE 2022 | Institute level selection based on GATE/PGAT score |
| M. Tech. Electronics & Communication Engineering (ECE) | B.Tech./B.E. in ECE/EEE | | |
| M. Tech. Electrical & Electronics Engineering (EEE) | B.Tech./B.E. in ECE/EEE | | |
| MCA | B. Sc. / BCA | OJEE-2022 | OJEE e-counselling |
| M.Sc. Data Science | Mathematics or Statistics as one of the subjects or B.Sc. (Engg)/BE/B.Tech. in any discipline of Engineering | Minimum 55% marks/ equivalent or 2nd Class Honours in the qualifying undergraduate degree with Mathematics and Computer Programming | Institute level counselling based on career marks |

Note:

Visit OJEE website (<https://ojee.nic.in>) at regular intervals to get the latest information about the examination and e-counselling system like OJEE Counselling Brochure, Information Brochure, web-based counselling process etc.

Spot Admissions

(Institute level admission)

Admissions will be on a first-cum-first serve basis subject to vacancy of seats and as per guidelines of Government of Odisha.

Cost of Study

The cost of studying at SiliconTech varies between INR 1,35,000 - INR 2,50,000 per annum. The final study cost depends on the program (Undergraduate/ Postgraduate) chosen, whether the student is a day-scholar or living in a campus hostel, and on the type of on-campus residence (AC/Non-AC) chosen.

Financial Support

SiliconTech's excellent track record of placements for graduating students makes it easy for new students to get loans from most of the banks. Representatives of various banks shall be present in the campus for loan purposes on the day of orientation.

Registration for Admission -2022

Students willing to take admission in various programs offered by Silicon Institute of Technology, Bhubaneswar (SiliconTech) can register by filling up the online application at <https://erp.silicon.ac.in/onlineadmission/register.php>, following which the institute can interact with the students and guide/assist them in the admissions process.

For important dates related to admissions, keep visiting our website regularly at www.silicon.ac.in



Facilities

Spacious classrooms with audio-visual facility

Laboratories equipped with state-of-the-art equipment

Specialized laboratories like Advanced VLSI Lab, IoT and Embedded Systems Lab, Advanced Materials Lab, Makers Lab to help in research activities

Lecture Theatres with advanced audio-visual set up

Training Halls with audio-visual set up to facilitate online/hybrid learning environment

A Remote Center with a seating capacity of around 120 to facilitate hybrid/remote learning

A 400-seater auditorium featuring the state-of-the-art audio-visual system for induction, orientation, placement talks and other programs

A Research Centre well equipped with high-quality facilities and support services for building a thriving research community

Central Library having discussion rooms & separate reading cubicles with an extensive collection of books, titles, audio/video courses, and online resources





Transport: Buses equipped with GPS, first aid kits run through different routes covering all parts of the city. No additional cost is involved to avail transport facilities.

Medical Facilities: A 24 x 7 ambulance facility available for any emergency. A general physician and a gynaecologist visit the campus twice a week for consultations. The on-campus Residence Clinic stocks the necessary first aid medicines.

Dedicated counsellors provide counselling services to students .

General Store: A general store available inside the campus from where students can buy essential items for their daily needs.

Guest House: A spacious guest house having 16 rooms, including 4 suites, 6 standard AC rooms, and 6 non-AC rooms with dining and laundry facilities available for parents to stay in campus.

Gym: Well-equipped gym along with a dedicated gym instructor.

Sports Complex: with modern facilities and amenities acts as calorie burners and caters to recreational and fitness needs.

SkyLab: An outdoor 24*7 Wi-Fi zone around a picturesque fountain for club activities and peer studies while listening to soothing background music. It is one of the students' most favourite spots in the campus.

Auditorium: facilitates the screening of latest and popular movies on weekends and is managed by Students' Cine Club.

Residences (Hostels): 2 boys' residences with capacity 1200 and 1 girls' residence with capacity 600 are available. Each resident is provided with a bed, table, chair, new mattress & pillow and a wardrobe. AC rooms (limited numbers) available. Most of the rooms are on sharing basis (3 seater) only.

Food Courts: 4 dining halls and 2 cafeterias available within the campus to serve freshly prepared, nutritious food in a variety of cuisines. There is a separate dining hall with its own kitchen, specifically for vegetarians.



Placement Highlights 2022



SiliconTech has a longstanding placement record and corporate acceptance. More than 75% of the students get placed every year. Our final year students get intern-to-job offers, where they do final year internships with monthly stipend varying from INR 8K to INR 40K. Top companies in product development, start-ups, and IT services from diverse sectors recruit SiliconTech students.

Despite the pandemic, SiliconTech placement numbers for graduating batch 2022 have crossed all previous year benchmarks.

Key Statistics

B.Tech.

| | | | |
|--------------------------------------|-------------------------------------|----------------------------------|------------------------------------|
| 96% Students placed | 65 Companies participated | 1080 Job offers | 7:1 Students per company |
| 2.5 Job offers per student | 221 Internship Offers | 5.1LPA Average Package | 33LPA Highest Package |

MCA

| | | | |
|-------------------------------|-------------------------------------|--------------------------|----------------------------------|
| 91% Students placed | 35 Companies participated | 135 Job offers | 7.5LPA Highest Package |
|-------------------------------|-------------------------------------|--------------------------|----------------------------------|

M.Sc. Data Science

| | | | |
|-------------------------------|-------------------------------------|-------------------------|--------------------------------|
| 94% Students placed | 20 Companies participated | 18 Job offers | 6LPA Highest Package |
|-------------------------------|-------------------------------------|-------------------------|--------------------------------|

Our Recruiters (Past Three Years)

| | | | |
|-------------------------|----------------------|-----------------------|--------------------------|
| Abzooba | Ericsson | Kuvera | Rapidsoft |
| Accenture | ESSPL | Larix Technologies | Runo |
| Accolite Digital | Evosys | Larkai Healthcare | Rewoke |
| AcesoCloud | FelixHealthcare | LatentView | SAP Labs |
| Adani Group | Ferns N Petals | LectureNotes | Sevya Multimedia |
| Akridata | Finastra | LTTS | South Indian Bank |
| Aloha Technology | First American | Marquee Semiconductor | Spikewell |
| Amazon | FSS | Mavenir | SquidMind |
| Aptus Data Labs | Fusion Practices | Maventic | STMicroelectronics |
| Atos Syntel | GoComet | Micron Technology | STL |
| BiPRO | GlobalFoundries | Medha Sevo Drives | Subex |
| Black Knight | GyanSys | Mentor Graphics | Synopsys |
| BookingJini | Haber | Mindfire | SysCloud |
| Bourntec Solutions | HCL | Mindtree | Tata Power |
| BRN Commerce | Hexaware | MTX | TCS |
| Broadridge | HashedIn | Nagarro | Tech Mahindra |
| Byjus | IBM | Nexright | Tetrasoft |
| Capgemini | Incture | NIIT | Teleglobal International |
| Capillary | Indian Oiltanking | Nirmalya Labs | Texas Instruments |
| Centroxy | Infogain | ODISOFT | ThinkZone |
| Chargebee | Infosys | Open-Silicon | Tiger Analytics |
| Cognizant | Intel | Pentair | Torry Harris |
| CoreEL Technologies | Intellipaat | Pipli Technologies | ValueLabs |
| Cozentus | Interland Technology | PeopleStrong | Vodafone Idea |
| CSM | INVINCIX | PerfectVIPs | VuNet |
| Date TheRamp | iServeU | Phoenix Software | VVDN |
| Deloitte | ITC infotech | PoloSoft Tech | Wipro |
| DeltaX | IVY Global | Prodapt | Xoriant |
| Digit General Insurance | JBS Capacitors | PropelId | Zensar |
| DXC | Jindal Group | PwC | Ziroh Labs |
| DZINE Pixel | Kellton Tech | Quest Global | |
| eClerx | KPIT | Qvantel | |

Campus Life

The strong academic culture at SiliconTech is balanced by incorporating a variety of intercollege and intra-college activities. The two popular annual inter-college events – Zygon, the cultural fest, and Noesis, the technical fest, sees huge participation from colleges across the country.

The Silicon Students Council comprising of 58 members elected / nominated every year ensures students' involvement in academic, professional, and personal development and build student leadership.



Technology Clubs | Circuit Club, SWITCH Club, Robotics Club, Qwerty Club



More than 20 student clubs, groups and learning societies help to explore extra-curricular interests.



Social and Cultural Clubs | CineMax Club, Creative Club, Music Club, Photography Club, Theatre Club



Sports and Fitness Clubs | Health Club & Gym, Sports Club, Cricket Club, Yoga Club



Learning Societies | IEEE, ISTE, CSI, Unstop, Code Chef Student Chapters



Personality Development Clubs | Meta Academics Cell, SAGE-W Cell, Toastmasters Community Club, Quiz Club

Entrepreneurship



BI IMPACT

30.35 Crores
Funding Received

146.52 Crores
Projected Revenue
in next two years

78.42 Crores
Current Revenue

906
People Employed

The Entrepreneurship Development Cell (ED Cell) at SiliconTech is recognized as the most vibrant ED Cell in the state. It has received several prestigious awards from MoE, Government of India as well as Government of Odisha for undertaking various innovation, entrepreneurship and start-up activities in the campus.

Start-up Odisha has recognized SiliconTech as an 'Incubator'. SiliconTech's Business Incubator (BI) has successfully incubated 14 start-ups bringing technology products and services to the marketplace.

Research & Consultancy

SiliconTech researchers collaborate with academics, industry experts and scientists from across the globe to promote advances in science and technology.



227
SCI/ Scopus
Indexed
journals

148
journals with
high impact
factor

152
conference
proceedings

45
books/ book
chapters

5
Industry
Consultation
Contracts

Alumni

Best Offers



Subham Rath

ECE, 2022

Texas Instruments, 33 LPA



Swapna Sanjog Mohanty

CSE, 2022

Amazon, 25 LPA



Chandan Singh

ECE, 2022

Mentor Graphics, 20 LPA



Shaswat Ranjan Nath

CSE, 2022

Capillary, 13 LPA



Anubha Snehal

ECE, 2020

Synopsys, 12 LPA



Akash Das

CSE, 2020

Wiley, 40 LPA

Recent Career Advancements



Ananya Rout

CSE, 2022

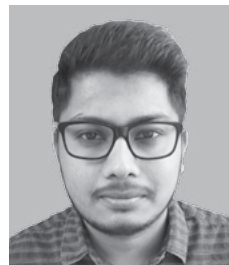
MBA, XIM University
Bhubaneswar



Kaustuv Ray

CSE, 2021

GATE-2021 AIR- 67
IISc, Bangalore



Akash Kumar

CSE, 2020

GATE-2021 AIR- 20



Raju Yadav

ECE, 2019

GATE-2020 AIR- 45
IISc, Bangalore



K.V.D. Pallavi

EEE, 2020

MS in Finance, University
of Rochester, USA



Ritu Rani Kesari

CSE, 2020

Masters in Software
Engineering, SAP-BITS

University Gold Medallists



Satabdi Panda
EIE, 2021



Swikruti Mohapatra *
CSE, 2021



Abhishek Lohia
EEE, 2021



Rucha Pattnaik
ECE, 2020



Raj Jha *
CSE, 2019



Sneha Kumari
ECE, 2019



Anamika Mittal
IT, 2019



Bharati Kabra
EEE, 2019



Samiksha Agrawal
EIE, 2019

**Also recipient of "Arjun Bhuyan Award for University Topper"*

Contact Us

ADMISSIONS TEAM 2022 – 23

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B. Tech. Programs

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MCA & M.Sc. Data Science

Prof. Rabindra Dalei @ +91 9937737895

Ph.D.: +91 99372 89499 / 73814 99499

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**Silicon Institute
of Technology** | An Autonomous Institute |

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