

Silicon Tech



Placement Brochure 2022-23

Silicon Institute
of Technology | An Autonomous Institute |

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About SiliconTech

Silicon Institute of Technology (SiliconTech) is an autonomous Engineering Institute located in Bhubaneswar, Odisha. Since its inception in 2001, the institute has been constantly striving and improving its effort to adapt to the academic and research needs of the industry.

Being a top-ranked (amongst private and government) engineering college in the state, it provides technologically focused education to more than 2000 undergraduate and postgraduate students in different fields. The strong academic work ethic at SiliconTech is balanced by a plethora of social, cultural and sports activities to help the students develop an all-round personality. Over the years, SiliconTech has made its students prove their mettle in diverse fields and carve out their unique identities in top organizations worldwide.

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 2021
Rank-163
(Engineering)

NBA Accredited
Programs
(CSE, ECE and EEE)

ARIIA 2021
'Band B' Performer



Latest Recognitions

- SiliconTech received the C V Raman Award for Academic Excellence for 2021 (an initiative by CV Raman foundation)
- SiliconTech recognized as an incubator by Start-up Odisha.
- SiliconTech's Institution Innovation Council (IIC) recognized as the best performing IIC having the highest star rating for the third consecutive year, by MoE, Government of India, on 1 December 2021, on the basis of the institute's performance in undertaking various innovation, entrepreneurship and start-up activities in the campus.
- SiliconTech received Start-up Cell award from Biju Patnaik University of Technology (BPUT), Odisha in Nov 2021 for the various start-up cell activities done by the institute.
- SiliconTech's Institution Innovation Council (IIC) is the only institute from Odisha to be selected as a mentor institution, by MoE's Innovation Cell (MIC), Government of India on 15 September 2021, under the Mentor–Mentee Program 2021 – 2022.
- SiliconTech's Innovation & Incubation Centre approved as a Business Incubator (BI) by the Ministry of Micro, Small, Medium Enterprises (MSMEs), Government of India, in December 2019 for its contribution in developing & nurturing entrepreneurship skills.
- Recognized as the Best Engineering College in Odisha for overall performance in Academics, Research & Development and Innovation in Technical Education by Indian Society for Technical Education (ISTE) in 2018 & 2019.

Programs Offered

A. Undergraduate Programs (B.Tech.)

B.Tech. Computer Science and Engineering (CSE)	180
B.Tech. Computer Science and Technology (CST)*	60
B.Tech. Computer Engineering (CEN)*	60
B.Tech. Electronics and Communication Engineering (ECE)	180
B.Tech. Electrical and Electronics Engineering (EEE)	180
B.Tech. Electronics and Instrumentation Engineering (EIE)	60

* These programs were introduced in 2020. The students pursuing these programs will graduate in 2024, and therefore will be eligible to participate in placement drives from 2023.

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

M.Tech. Computer Science and Engineering (CSE)	9
M.Tech. Electrical and Electronics Engineering (EEE)	9
M.Tech. Electronics and Communication Engineering (ECE)	9
Master in Computer Applications (MCA)	60
M.Sc. Data Science	30

C. Ph. D. Program

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

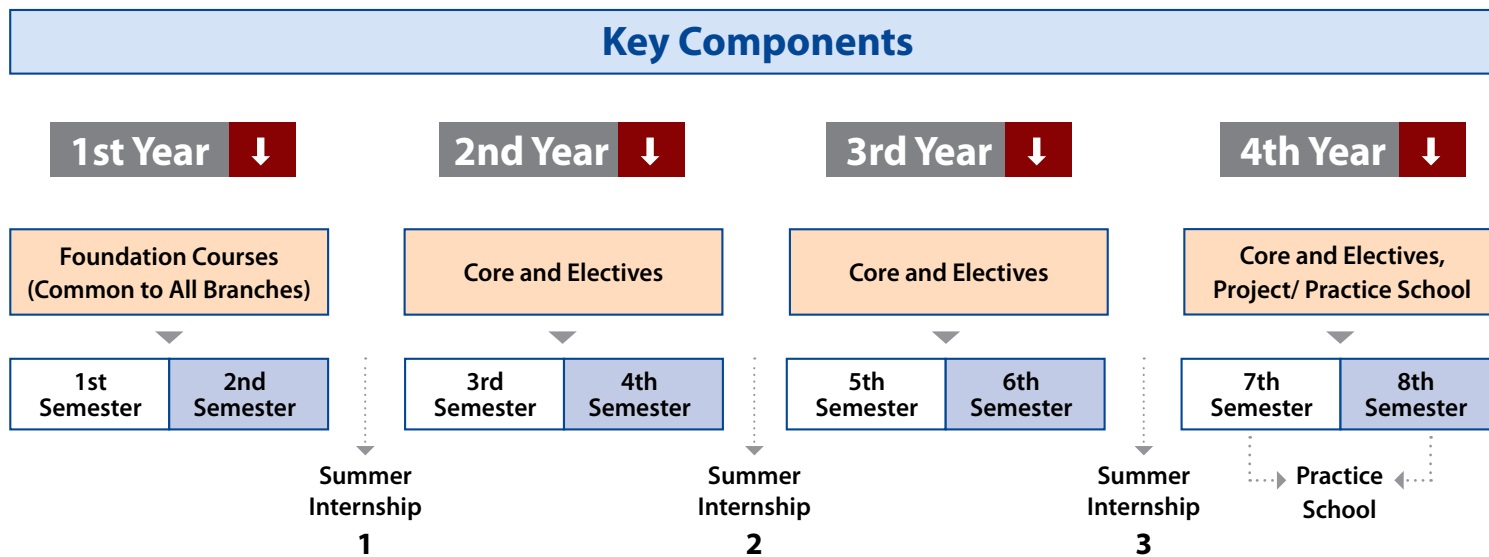
Admission Procedure

SiliconTech provides one of the best academic and beyond academic experiences in the state and ensures that only meritorious students make it to the Institute. The admission to Undergraduate Programs (B.Tech.) is based on the rank secured in JEE MAIN. The admission to Postgraduate Programs is based on the rank secured in GATE/OJEE PGAT (Odisha JEE Post Graduate Admission Test).

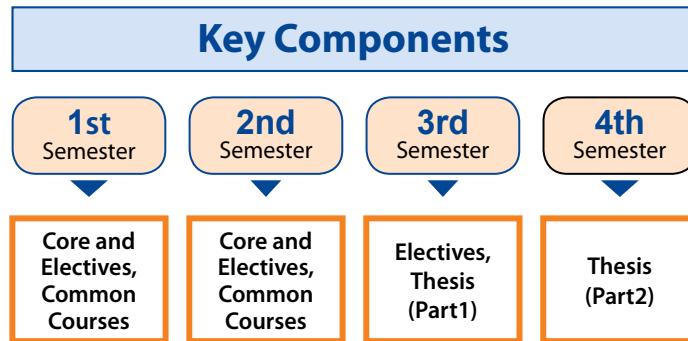
Education & Curriculum

Our curriculum is updated and evolved, keeping in sync with industry and research requirements.

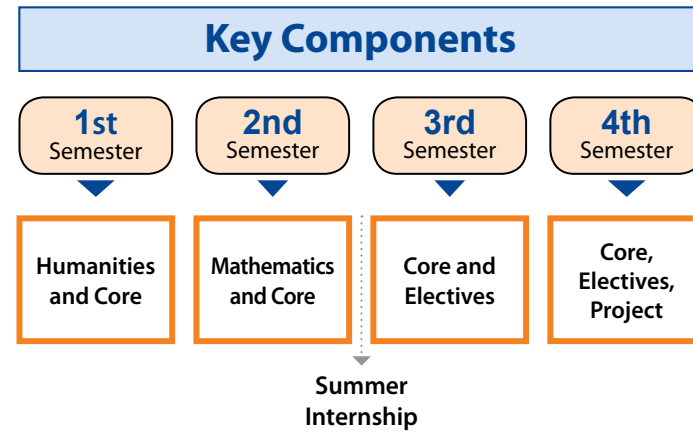
Undergraduate (B.Tech.)



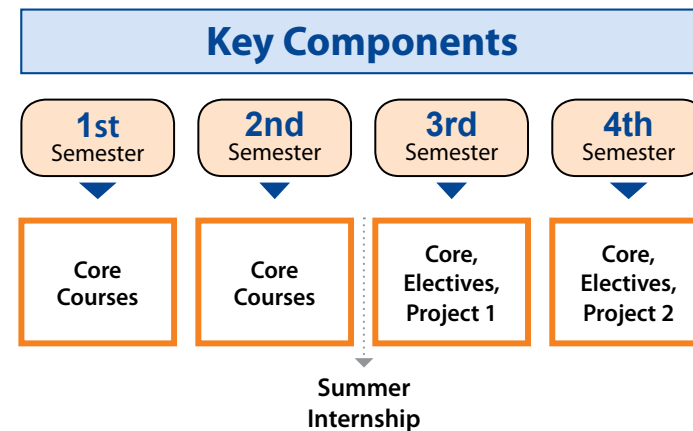
Postgraduate (M.Tech.)



Postgraduate (MCA)



Postgraduate (M.Sc. Data Science)



Entrepreneurship Activities

The Entrepreneurship Development Cell (ED Cell) at SiliconTech is recognized as the most vibrant ED Cell in the state. It anchors the work of SiliconTech's Business Incubator and Institute Innovation Council, two hubs that promote entrepreneurship within the institute and in Odisha.



BI Impact

Silicon's Business Incubator (BI) has successfully incubated 14 start-ups bringing technology products and services to the marketplace.

30.35

Crores Funding Received

78.42

Crores Current Revenue

906

People Employed

146.52

Projected Revenue in next two years

LIST OF INCUBATEES

- AcesoCloud Software Solutions Pvt. Ltd
- Archi Tech Solutions, OPC Pvt. Ltd.
- BlymoTech Pvt. Ltd.
- Dzinepixel Webstudios Pvt. Ltd.
- Edusols n Influidity Solutions Pvt. Ltd.
- LectureNotes
- Mentified
- PerfectVIPs Techno Solutions Pvt. Ltd.
- Procyntech Consulting Pvt. Ltd.
- Sidux Technologies Pvt. Ltd.
- Silicon TechLab Pvt. Ltd.
- Smileytrips
- STLZstone
- Sutra Wellness Pvt. Ltd.

Research at SiliconTech

The SiliconTech Research Centre provides high-quality facilities and support services to ensure an enabling ecosystem for building a thriving research community. The in-house Silicon Research Promotion Scheme (SRPS) promotes excellence in higher education and research by funding research projects for up to one year undertaken by faculty members in various disciplines.



Publications

- **227** SCI/ Scopus Indexed journals
- **148** journals with high impact factor
- **152** conference proceedings
- **45** books/ book chapters

Research Domains

- 🌀 Data Science
- 🌀 VLSI
- 🌀 Signal Processing
- 🌀 Power Electronics and Systems
- 🌀 Optical Sensors
- 🌀 Wireless Sensor Networks

Collaborations & Consultancy Services

Our faculty members are actively involved in giving consultancy services to different industrial houses which keeps them abreast of the latest industrial trends and cutting-edge technologies. Our students also get an opportunity to work in live projects along with the faculty members thereby enhancing their skills. SiliconTech is actively collaborating by with



- AcesoCloud Software Solutions Pvt. Ltd.
- Boston Microtechnology LLC, USA
- CSIR-CGCRI, Kolkata
- CSIR-IMMT, Bhubaneswar
- EduSkills Foundation
- FreeFlow Ventures Pvt. Ltd.
- NORD Drivesystems Pvt. Ltd.
- PerfectVIPs Techno Solutions Pvt. Ltd.
- Phoenix Robotix Pvt.Ltd.
- PRDC Pvt. Ltd.
- Sevy Multimedia Technologies Pvt. Ltd.
- Silicon TechLab Pvt. Ltd.
- STMicronics Pvt. Ltd.
- The Institution of Engineers
- VLSI Experts Pvt. Ltd.

Academic Excellence

University (BPUT) Gold Medals

- 32 BPUT gold medals till date (Getting gold medals every year since BPUT inception in 2007)
- The branch toppers of all the five branches (CSE, IT, ECE, EEE, EIE) of Batch 2015-19 received BPUT Gold Medals for being branch toppers of the university as well. The CSE branch topper got the 'The Arjun Bhuyan Best Graduate' Gold Medal

Higher Studies

Every year, Siliconites get selected by reputed universities in India and abroad to do their higher studies. Our students have migrated to:

- IITs
- IIMs
- IISc Bangalore
- BITS Pilani
- University of Rochester, USA
- University of West Florida, USA
- North Eastern University, USA
- Birmingham University, USA
- University of Texas, USA
- University of Western Ontario, Canada
- NEOMA Business School, France
- ESSEC Business School, Paris
- Institute of Robotics & Mechatronics, Germany

Top Rankers in GATE

- 2 Siliconites got top ranks of AIR 1225 (CSE) & AIR 720 (CSE) in GATE 2022
- 2 Siliconites got top ranks of AIR 20 (CSE) & AIR 69 (CSE) in GATE 2021
- 112+ students qualified in GATE within AIR 3000 in last 6 years
- The highest rank holders in the past are AIR 1 in 2010, AIR 3 in 2014, AIR 37 in 2015, AIR 45 and AIR 222 in 2019

Top Rankers in CAT/ XAT

- 5+ Siliconites from Batch 2018-2022 achieved top ranks in CAT 2021 with the highest being 88 percentile
- 7+ Siliconites from Batch 2017-2021 achieved top ranks in CAT 2020 with the highest being 97.67 percentile
- 44+ students qualified in last 3 years in reputed B-Schools
- Apart from this, Siliconites in the past have qualified in other national level examinations like UPSC (IES) with the highest ranks being AIR 18, 32, 37, 42 and 51

Pursuit of Excellence

Tezos India Fellowship 2.0 -2021

(Top Ranker)

Hack the Mountains 2.0 -2021

(international level hackathon)

Hack Girl Summer 2.0 Hackathon 2021

(Best use of Google Cloud prize)

HashnodeXAuth0 Hackathon 2021

(Runner-up prize)

Global Innovation Drive 1.0 -2021

(1st prize)

Smart India Hackathon 2020

1st Prize (Software Edition)

Robotics Line Follower 2020 (IIT, Bombay)

(2nd Prize)

Project Exhibition 2020 (IIT, Bombay)

(2nd Prize)

Project Exhibition 2020 (IIT, Bhubaneswar)

(1st Prize)

Robotics 2020 (IIT, Bhubaneswar)

1st, 2nd, 3rd Prize

Maze Solver Robotics 2020 (IIT, Bhubaneswar)

1st, 2nd & 3rd Prize

Line follower Robotics 2020 (IIIT, Bhubaneswar)

1st & 2nd Prize

Robotics 2020 (IIIT, Bhubaneswar)

1st & 2nd Prize

Technova Hackathon 2020 (IIIT, Bhubaneswar)

(1st Prize)

Innobuzz Hackathon 2020 (VSSUT, Burla)

1st Prize

Empowering Youth Hackathon 2020

5th Prize

ET Campus Star 2019-2020 (The Economic Times)

(Top Ranker at National level)

AWS Educate Student Ambassador

(Top Ranker at National level)

Smart India Hackathon 2019

1st Prize (Software Edition)

TATA Crucible Hackathon 2019

2nd Prize (Northern Zone, New Delhi)

2nd Prize (Western Zone, Mumbai)

Rebuild Odisha Hackathon 2019

(3rd Prize)

Challenge ACI Hackathon 2019

3rd Prize

Best IoT Award 2019 (VIT, Chennai)

PSI-PHI Hackathon 2019 (NIT, Rourkela)

2nd Prize

Smart India Hackathon 2018

3rd Prize (Hardware Edition)

Smart Odisha Hackathon 2018

1st Prize

Most Innovative Robot Competition

NIT Jamshedpur, 2018

Campus Life

The strong academic culture at SiliconTech is balanced by incorporating a variety of intercollege and intra-college activities. More than 25 student clubs, groups and learning societies offer an engaging life outside the classrooms.

Silicon Students' Council (SSC)

SiliconTech has an active Students' Council. Every year 58 council members are elected / nominated to the council who assume different official positions of the council.

Learning Societies

Some of the popular student chapters at SiliconTech are IEEE, ISTE, CSI, D2C Igniters and Code Chef Student Chapters. TEDx and Model UN events are also conducted periodically.

Technology Clubs

The Circuit Club, SWITCH Club, Robotics Club and Qwerty Club are the technology clubs in the campus where the students do everything from making tiny robots to drones.

Socio Cultural Clubs

CineMax Club, Creative Club, Music Club, Photography Club and Theatre Club help students to nurture and enhance their personality and inter-personal skills in various forms.

Sports and Fitness Clubs

The Health & Gym, Sports Club, Cricket Club and Yoga Club aim at ensuring the physical well-being of a student on campus.

Personality Development

The Meta Academics Cell, SAGE-W Cell, Toastmasters Community Club and Quiz Club help students build their confidence, discover their strengths, and explore their talents.

Social Service

Different social service clubs such as Green Club and ZEAL (Zenesis of Enthusiasm about Life) Club allow students to give back to the community and environment.



Industry Interface Cell

The Industry Interface Cell (II Cell) is the nodal department anchoring student placements at SiliconTech.



Corporate Relations

- Designs Summer Internship programs along with industry experts
- Establishes Practice School (PS) centers at workplaces
- Skill training for students to make them industry-ready
- Training for faculty members in the latest technologies
- Mentoring, recruiting and networking through the Alumni Cell

Career Development Programs

- Conducts regular Pre-Placement Trainings which is an integral part of preparing the students for placement.
- Assists the academic departments in organizing Industry oriented workshops, leadership/industry talks, lectures/seminars and workshops
- Conducts In-house Preparatory Classes for GATE exam

Placement Highlights 2022

SiliconTech has an outstanding placement record among engineering institutes in Odisha. More than 75% of the students get placed every year. More than 50% of the placed students get intern-to-job offers, where they do final year (7th semester/ 8th semester) internships with monthly stipend varying from 8K to 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	5.1 LPA Average package	33 LPA Highest package
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MCA

91% Students placed	35 Companies participated	135 Job offers	7.5 LPA Highest package
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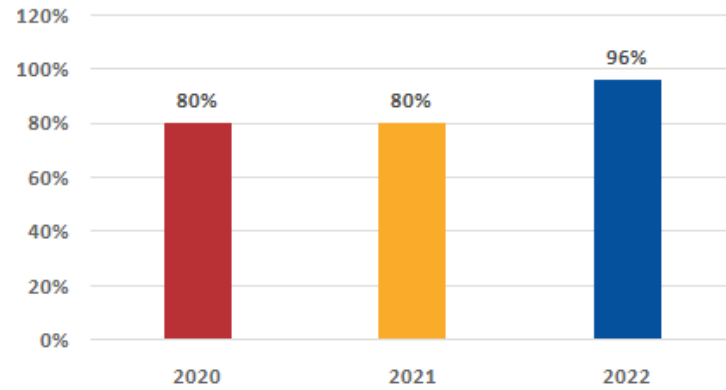
M.Sc. Data Science

94% Students placed	20 Companies participated	18 Job offers	6 LPA Highest package
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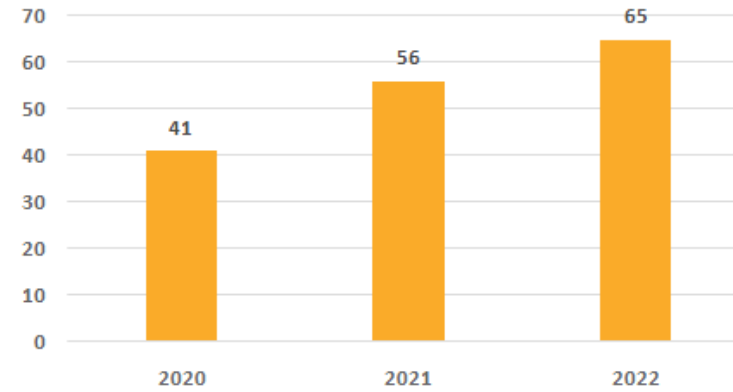
20 students have been placed in core sector companies like Adani, JSW, Tata Power Odisha

THREE YEARS SNAPSHOT

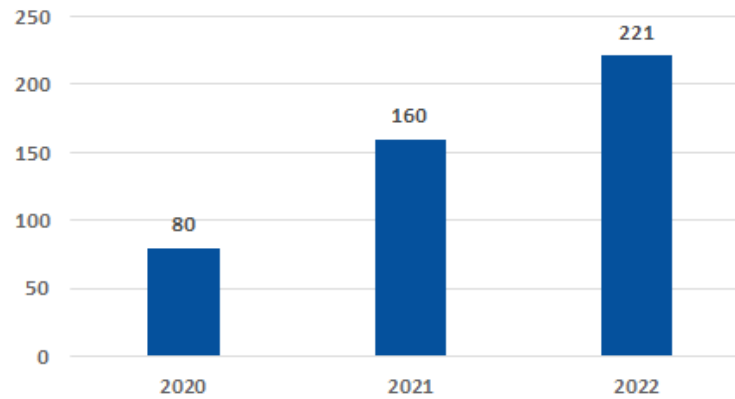
% Placed



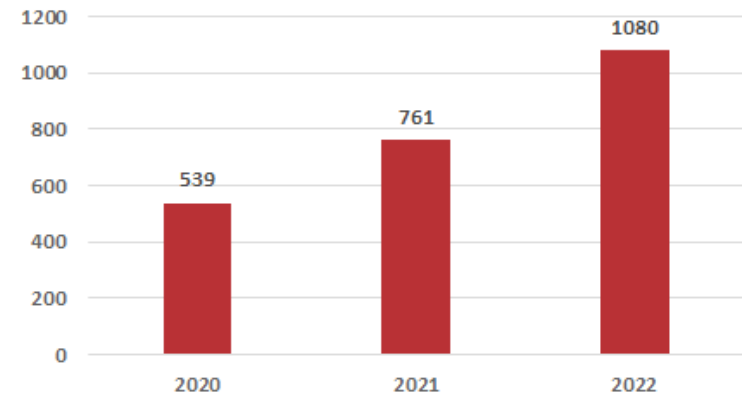
Companies Participated



Internship Offers



Job Offers



Our Recruiters | Last 3 years |

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

Why Recruit from SiliconTech ?

Student Selection: Students are selected for admission to various programs via national and state level examinations like JEE Main, GATE, PGAT, OJEE.

Rigorous Academic Process: SiliconTech's academic processes are a combination of disciplined classroom learning, industry experience, and focused research and innovation.

Practice School: The Practice School program in the final year augments the core skills of the students with additional competencies and makes them industry-ready.

Summer Internships: Summer Internships strengthen student skills and knowledge.

Expert Faculty: More than 55% of the faculty members have a Ph.D. with their research published in top scientific journals.

Thriving Research Center: SiliconTech's research enterprise promotes collaborative research.

An Innovation Ecosystem: SiliconTech is recognized as the most vibrant entrepreneurship development cell in the state.

Testimonials

“ I undertook a Summer Internship course in C++ programming language which strengthened my knowledge in DSA, enhanced my technical and soft skills and ultimately helped me to secure a full-time job in Amazon with 25 LPA package.

Swapna Sanjog Mohanty
(B.Tech. CSE, 2018 - 2022)

“ I completed my Summer Internship program in electronic circuits, IoT and power systems floated by Industry Interface Cell (II Cell) and got selected for the 1st Practice School program of our institute. It helped me to get placed in Prodapt with a package of 6 LPA.

B. Manasi Patro
(B.Tech. EEE, 2018-2022)

“ I enrolled in the VLSI summer internship program offered by II Cell, following which I got my first paid internship with ST Microelectronics and later at Mentor Graphics India with a stipend of 40K. I have also received an offer worth 20 LPA from Mentor Graphics.

Chandan Singh
(B.Tech. ECE, 2018-2022)

Our Alumni

Our alumni have distinguished themselves in diverse fields as scientists, academicians, technocrats and bureaucrats. While many of them are working abroad, several others have joined as faculty members in IITs, IIMs and other reputed universities in USA, Canada and Singapore. Some of them have also emerged as successful entrepreneurs. The Institute regularly invites them to participate in different institute activities. Silicon Alumni Association (SAA) provides a forum to connect the alumni, faculty and students to enhance placement and career opportunities.



Hrishik Mishra
2006-2010

Research Associate,
Institute of Robotics
and Mechatronics,
German Aerospace
Center (DLR)



Biswajita Parida
2004-2008

Assistant Professor,
Indian Institute of
Technology, Delhi



**Swaroop Ranjan
Mishra**
2010-2014

Ph.D. Scholar,
Arizona State
University, USA



Brijesh Samantray
2007-2011

Co-founder, Propelld



Anindita Dash
2001-2005

Founder,
Owner,Believer at
Iktaara
Creations-Hands
Entwining Magic



Sourav K. Behera
2008-2012

Principal Engineer,
Capillary Technologies



Imtiaz Zafar
2007-2011

Senior Consultant,
Deloitte, London



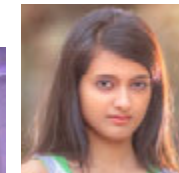
Gyanaranjan Khuntia
2002-2006

Senior Engineering
Manager, Mentor
Graphics



Debadatta Mishra
2002-2005

Assistant Professor,
Computer Science
and Engineering,
Indian Institute of
Technology, Kanpur



**Anubha Sourya
Sarangi**
2010-2014

Cine Star, Ollywood

Contact Us

PLACEMENT TEAM 2022-23

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