Silicon University

Placement Brochure
2024-25

Silicon Institute of Technology
Bhubaneswar

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About Us

Silicon Institute of Technology (SiliconTech), the engineering institute of Silicon University, is a thriving ecosystem of learning, innovation, and research. More than 2500 undergraduate and postgraduate students gain skills to invent, start a business, or take on tech-leadership roles. Since its inception in 2001, Silicon has embraced modern technology and innovative techniques to enhance the teaching-learning process.

VISION	MISSION	QUALITY POLICY
To become a center of excellence in the fields of technical education & research and create responsible citizens.	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.	Our quality policy is based on the 5L principle of Lectures, Laboratory, Library, Learning, and Leadership to move beyond teaching and foster creative leadership and a culture of teamwork.

NAAC Grade 'A'	AICTE Approved	NBA Accredited UG Programs (CSE, ECE and EEE)	NIRF 2023 Band 151-300 (Innovation)	NIRF 2024 Band 201-300 (Engineering)

Latest Recognitions

- Awarded "**Best performing Institution's Innovation Council (IIC)**" for the 5th consecutive year in 2023, by MoE, Govt. of India
- **Only IIC from Odisha** to be selected as a funded mentor institution in 2023 and 2021, by MoE, Govt. of India
- **Odisha State Energy Conservation Award 2022**
- Recognized as an "**Incubator**" in 2022 by Start-up Odisha
- **C V Raman Award for Academic Excellence 2021**
- Received "**Start-up Cell**" award in 2021 from BPUT, Odisha
- Our Innovation & Incubation Centre is approved as a **Business Incubator (BI)** in 2019, by MSME, Govt. of India
- Awarded the "**Best Engineering College**" in Odisha in 2018 & 2019 by Indian Society for Technical Education (ISTE)
- Won the "**Best Technical Institute Award in Research and Development**" in the Odisha Technological Conclave 2017
- "**Outstanding Engineering Institute in Eastern zone**" by ABP News in 2016

Programs Offered

A. Undergraduate Programs (B.Tech.)

Program	Seats
B.Tech. Computer Science & Engineering (CSE)	300
B.Tech. Electronics and Communication Engineering (ECE)	240
B.Tech. Electrical and Electronics Engineering (EEE)	120
B.Tech. Electronic & Instrumentation Engineering (EIE)	60

C. Ph.D. Programs

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

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

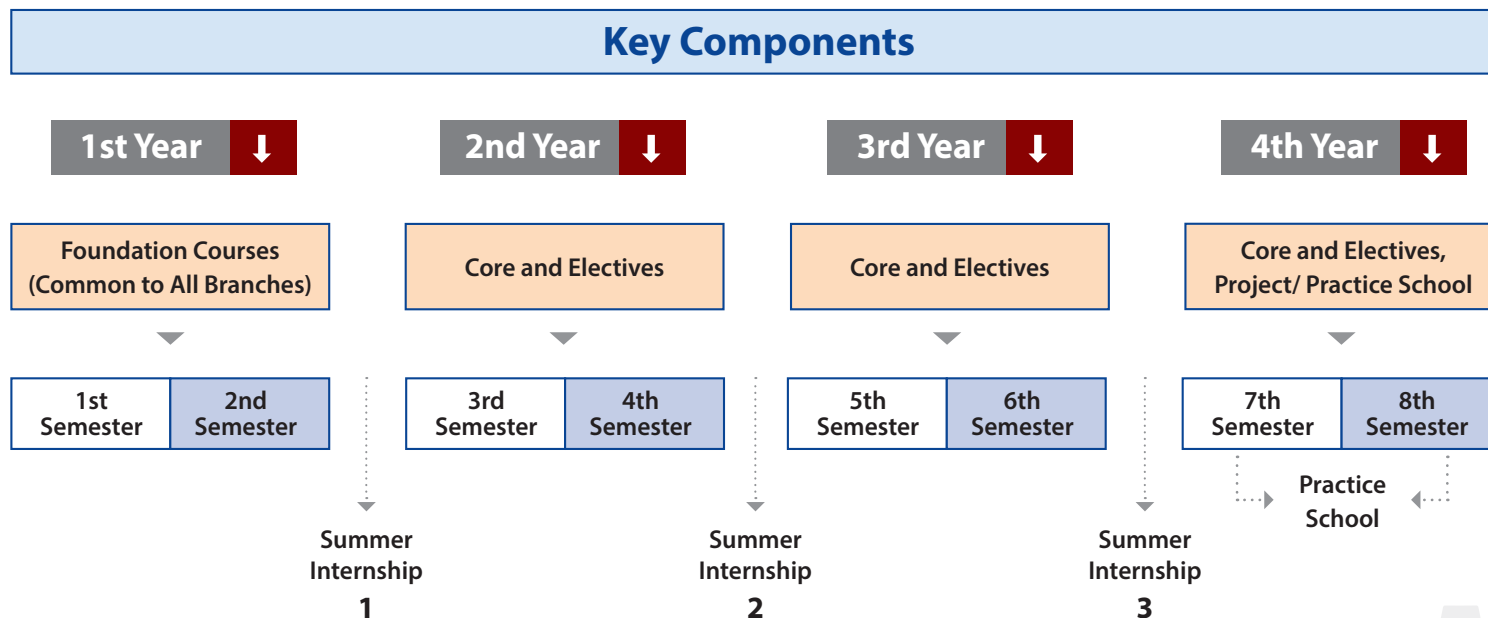| Program	Seats
M.Tech. Computer Science and Engineering (CSE)	9
M.Tech. Power Engineering and Energy Systems (PE & ES)	9
M.Tech. Electronics and Communication Engineering (ECE)	9
Master in Computer Applications (MCA)	60
Integrated MCA (iMCA)	60
M.Sc. (Data Science)	30
M.Sc. (VLSI)	30
M.Sc. (Molecular Medicine)	30
M.Sc. (Embedded Electronics & IIoT)	30

Admission Procedure

Silicon ensures that only meritorious students make it to the Institute. Admission to Undergraduate Programs (B.Tech.) is based on the rank secured in JEE MAIN. Around 75% of the selected students are from the top 30% of the JEE Main qualifiers. 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 evolving, keeping in sync with industry and research requirements

Undergraduate (B.Tech.)

Key Components

1st Year ↓	2nd Year ↓	3rd Year ↓	4th Year ↓
Foundation Courses (Common to All Branches)	Core and Electives	Core and Electives	Core and Electives, Project/ Practice School
1st Semester / 2nd Semester	3rd Semester / 4th Semester	5th Semester / 6th Semester	7th Semester / 8th Semester

Practice School

Summer Internship **1**

Summer Internship **2**

Summer Internship **3**

Postgraduate (M.Tech.)

Key Components			

1st Semester	**2nd** Semester	**3rd** Semester	**4th** Semester
Core and Electives, Common Courses	Core and Electives, Common Courses	Electives, Thesis (Part1)	Thesis (Part2)

Postgraduate (MCA)

Key Components			

1st Semester	**2nd** Semester	**3rd** Semester	**4th** Semester
Humanities and Core	Mathematics and Core	Core and Electives	Core, Electives, Project

Summer Internship

Postgraduate (M.Sc.)

Key Components			

1st Semester	**2nd** Semester	**3rd** Semester	**4th** Semester
Core Courses	Core Courses	Core, Electives, Project 1	Core, Electives, Project 2

Summer Internship
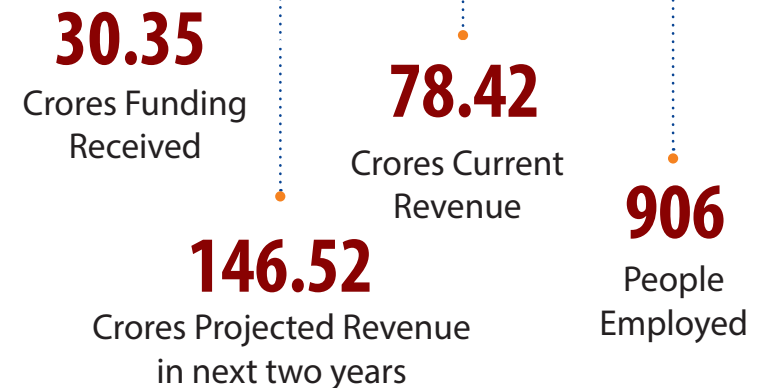
Entrepreneurship Activities

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

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

LIST OF INCUBATEES

- ArchiTech Solutions
- Aurassure
- BlymoTech
- Brundaban A2z Healthhub
- Dzinepixel Webstudios
- Edusols
- Influidity Solutions
- Inovaare Cloud Solutions
- LectureNotes
- Mentified
- Paratronics Technology Services

- PeopleBetter
- Procyntech Consulting
- Ridik Edification
- Sansoft Technologies
- Scaledge India
- Sidux Technologies
- Silicon TechLab
- Smiley Trips
- Sparkspot Talent Management Service
- STLZstone
- Sutra Wellness

BI IMPACT

30.35
Crores Funding Received

78.42
Crores Current Revenue

146.52
Crores Projected Revenue in next two years

906
People Employed

Research & Consultancy

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

Silicon signed a MoU with the Health & Family Welfare Department, Government of Odisha to establish two state-of-the-art super speciality hospitals in the districts of Angul and Barbil on 4 October 2023.

Silicon signed a MoU with inDNA Life Sciences Private Limited to launch an M.Sc. (Molecular Medicine) program and open a research facility by the name of JBS Haldane Center on 30 November 2022.

Silicon signed a MoU with Tata Power to provide hands-on training to the students and equip them with necessary skills for creating a talent pool in the power sector on 14 July 2023.

60% of our faculty members have completed their Ph.D.

341	195	239	56	5
SCI/ Scopus Indexed journals	Journals with high impact factor	Conference proceedings	Books / book chapters	Industry consultation contracts

Silicon has received grants in excess of **3 crores** from various funding organizations like the Department of Science and Technology, Govt. of India, AICTE, and BPUT to conduct research in diverse areas of science and technology.

Our Collaborations

Silicon community benefits from the many vibrant collaborations fostered by the faculty members, research labs, and the on-campus centers for entrepreneurship development and industry interface. The collaborations strengthen the educational quest of Silicon to promote scientific temper technological innovation, and entrepreneurship. Silicon is actively collaborating with

- BALCO
- Boston Microtechnology LLC, USA
- Biju Patnaik University of Technology (BPUT)
- CSIR-CGCRI
- CSIR-IMMT

- DATOMS
- EduSkills Foundation
- FreeFlow Ventures
- HINDALCO
- InDNA Life Sciences
- Inovaare Clouds Solutions

- Kristellar Aerospace
- NORD Drivesystems
- PRDC
- Scaledge India
- Sevya Multimedia
- Silicon Techlab

- STMicroelectronics
- The Institution of Engineers (India)
- Tata Power
- VLSI Experts

Silicon is collaborating with HINDALCO, Hirakud, to leverage the potential of young engineers and researchers to address industrial bottlenecks. This partnership focuses on Electrical Power Systems, Rodding Plants, and Compressed Air Systems, culminating in a funded project to improve feeder changeovers, highlighting our commitment to impactful industrial solutions.

Excellence Beyond Academics

- **Hackfest 2024 (IIIT Bhubaneswar)**
  Winner

- **Odisha Upskilling & Placement Program 2024**
  Gold Medal

- **Line Follower 2024 (IIIT Bhubaneswar)**
  1st Runners-up

- **BPUT Tech Carnival 2024**
  2nd Runners-up

- **Odisha Start-up Yatra 2023**
  2 teams in the Top 10, Cash prize of INR 3 Lakhs each

- **Young India Challenge 2023**
  Winner, Seed funding of INR 1 Lakh

- **Project Expo 2022**
  1st prize

- **Code 4 Odisha Hackathon 2022**
  Winner

- **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

- **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

- **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

Industry Interface Cell

" The Industry Interface Cell (II Cell) is the nodal department anchoring student training and placement activities at Silicon. The Practice School (PS) and Summer Internship are two flagship programs of the II Cell which nurture the students to gain valuable work experience, specific professional skills, and an opportunity for learning by application. "

Practice School (PS) Features

Applicable only to final year B.Tech. students of all branches	Optional component of B.Tech. curriculum	Carries 15 academic credits	Program duration is six months / one semester	Can be availed in 7th semester (Jul to Dec) or in 8th semester (Jan to June)	Usually assisted by monthly stipend in the range of 8K - 60K

Summer Internship Features

Applicable to B.Tech. / MCA / M.Sc students	Compulsory component	Carries 1 academic credit	Program duration is approximately 100 hours or 30 – 45 Days	Held during summer breaks	Helps in skilling & upskilling by providing hands-on learning sessions mostly by Industry experts

Placement Highlights 2024

Despite being in the shadow of a tech slowdown the last couple of years, Silicon continues to maintain its consistency in placements for the graduating batch of 2024. Top companies in product development, start-ups, IT service and core sector from diverse fields recruit Silicon students. A majority of our final-year students have also done their internship under our Practice School (PS) program for one semester with monthly stipends varying in the range of INR 8K to 60K. Apart from regular on-campus placements, students also choose other career paths such as higher studies, research fellowship, and entrepreneurship.

KEY STATISTICS

B. Tech.

74% Students placed	75 Companies participated	272 Internship offers*	5.16 LPA Average package	32.5 LPA Highest package

*Includes Practice School (PS) offers

MCA

70% Students placed	35 Companies participated	9.5 LPA Highest package

M.Sc. (Data Science)

71% Students placed	15 Companies participated	7 LPA Highest package

Our Achievers

Silicon has an excellent placement record, with students securing diverse job roles each year. Our graduates also gain admission to reputed universities in India and abroad through CAT, GATE and GRE exams. Siliconites have achieved topmost ranks in the GATE exam like AIR 1 (2010), AIR 3 (2014), and AIR 20 (2021). In the last four years, over 55 students have joined top B-Schools to pursue an MBA through CAT. Our students have also excelled in the UPSC (IES) examinations, achieving impressive ranks such as AIR 18, 32, 37, 42, and 51. Additionally, they have proved their academic excellence by winning 37 gold medals for being branch toppers under BPUT. Silicon has achieved university status effective from January 31, 2024.

Putul Kumari
CSE, 2024
Flipkart, 32.5 LPA

Debanwita Mahato
CSE, 2024
Headout, 18 LPA

Srijan Paul
CSE, 2023
DeepSource, 28 LPA

Sourav Mishra
CSE, 2023
McKinley Rice, 20 LPA

Mahavir Ganapati Dash
ECE, 2023
McKinley Rice, 20 LPA

Subham Rath
ECE, 2022
Texas Instruments, 33 LPA

Avipsa Bhujabal
CSE, 2024
MS, University of Buffalo, USA

Arunav Mishra
CEN, 2024
MS, New Jersey Institute of Technology, USA

Prabhudutta Mishra
CSE, 2023
MS, North Carolina State University, USA

Anubhav Pattnaik
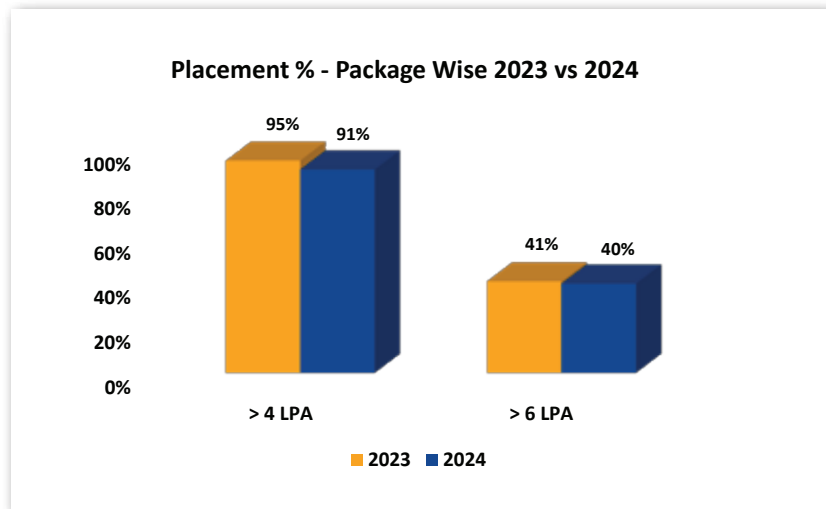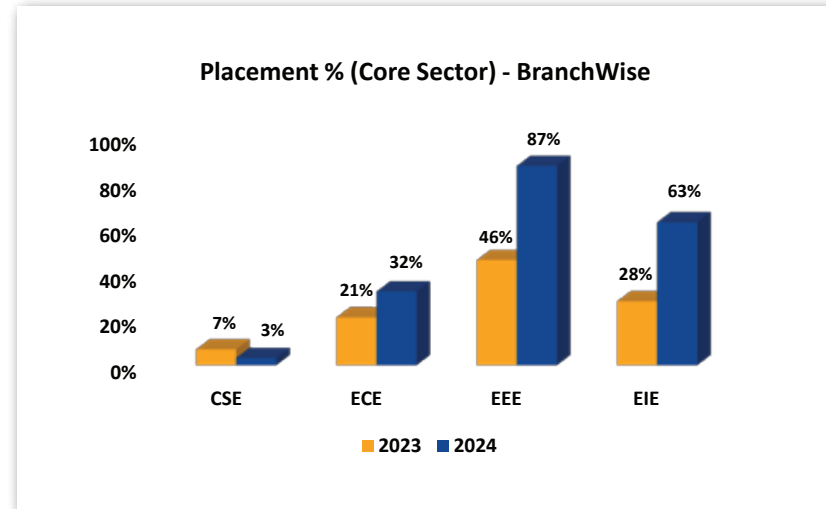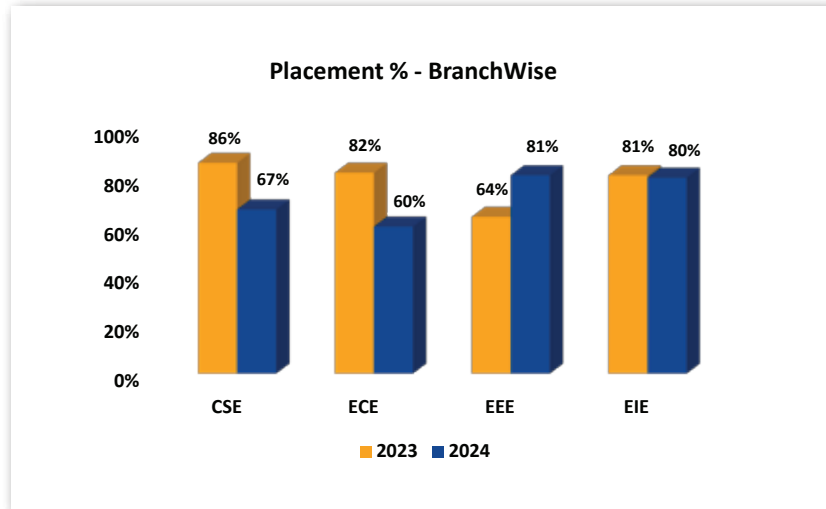CSE, 2023
MS, New York University, USA

Digbijayee Nayak
CSE, 2023
GATE 2022 AIR 299
GAIL, India

Smrutiranjan Dalei
CSE, 2023
GATE 2022 AIR 250
IISc, Bangalore
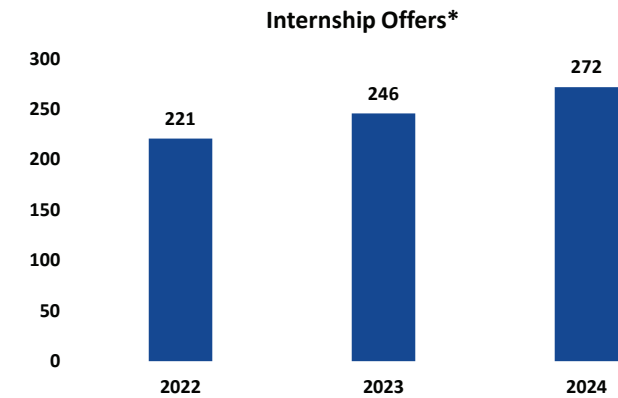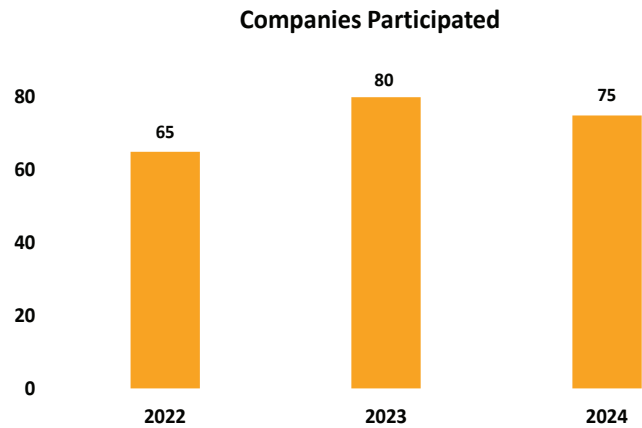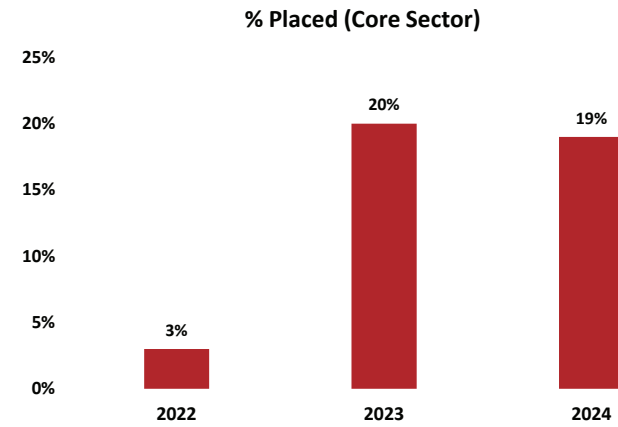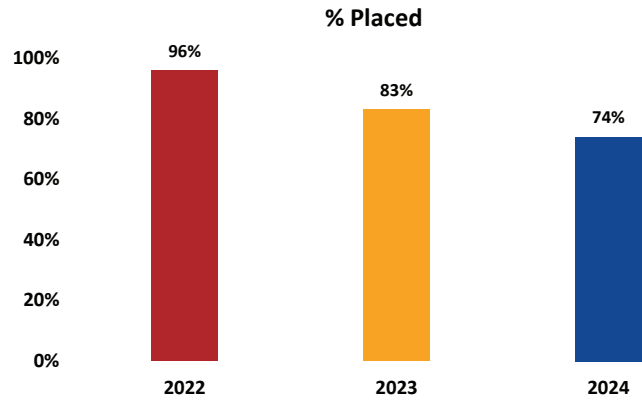
B.Tech. Placement Analysis (Branch Wise)

Placement % - BranchWise

	2023	2024
CSE	86%	67%
ECE	82%	60%
EEE	64%	81%
EIE	81%	80%

Placement % (Core Sector) - BranchWise

	2023	2024
CSE	7%	3%
ECE	21%	32%
EEE	46%	87%
EIE	28%	63%

Placement % - Package Wise 2023 vs 2024

	2023	2024
> 4 LPA	95%	91%
> 6 LPA	41%	40%

Highest Package				
	CSE	ECE	EEE	EIE
2024	32.5 LPA	9.1 LPA	7 LPA	7 LPA
2023	28 LPA	20 LPA	9.5 LPA	9.5 LPA

Average Package				
	CSE	ECE	EEE	EIE
2024	5.45 LPA	4.42 LPA	5.21 LPA	4.12 LPA
2023	6.16 LPA	5.53 LPA	5.7 LPA	5.02 LPA

% Placed

Year	%
2022	96%
2023	83%
2024	74%

% Placed (Core Sector)

Year	%
2022	3%
2023	20%
2024	19%

Companies Participated

Year	Value
2022	65
2023	80
2024	75

Internship Offers*

Year	Value
2022	221
2023	246
2024	272

* Includes Practice School (PS) offers

Practice School (PS) Highlights 2024

54% Students opted for PS	**69%** PS Students Placed	**65** PS Stations*	**16K** Average Stipend	**60K** Highest Stipend	**5.38 LPA** Average Package**
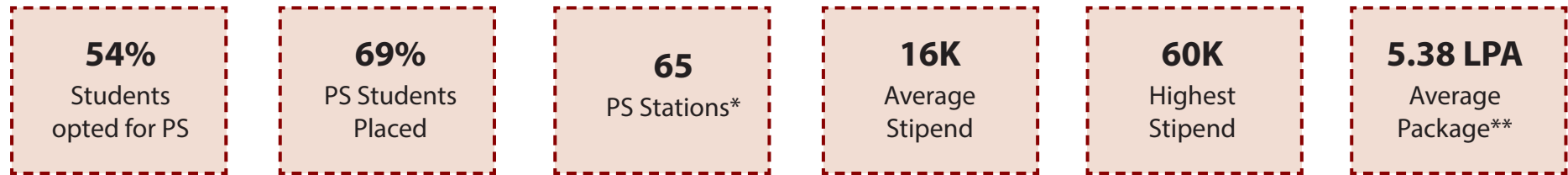
*Practice School (PS) Stations are companies where the PS students do their internship like Haber, Squbix, ST Microelectronics, Surya Digital etc.
**The Average Package of students who opted for PS is 5.38 LPA, while the Average Package of Non PS students is 4.9 LPA

2024 Placement Analysis NonPS vs PS

LPA	NON PS	PS
> 8 LPA	4%	5%
> 6 LPA	30%	45%
> 4 LPA	91%	83%

PS Three-Year Snapshot

	2022	2023	2024
No.of PS Joinees	128	237	261
No.of PS Stations	27	61	65
No.of PS Stations in Core Sector	6	10	16
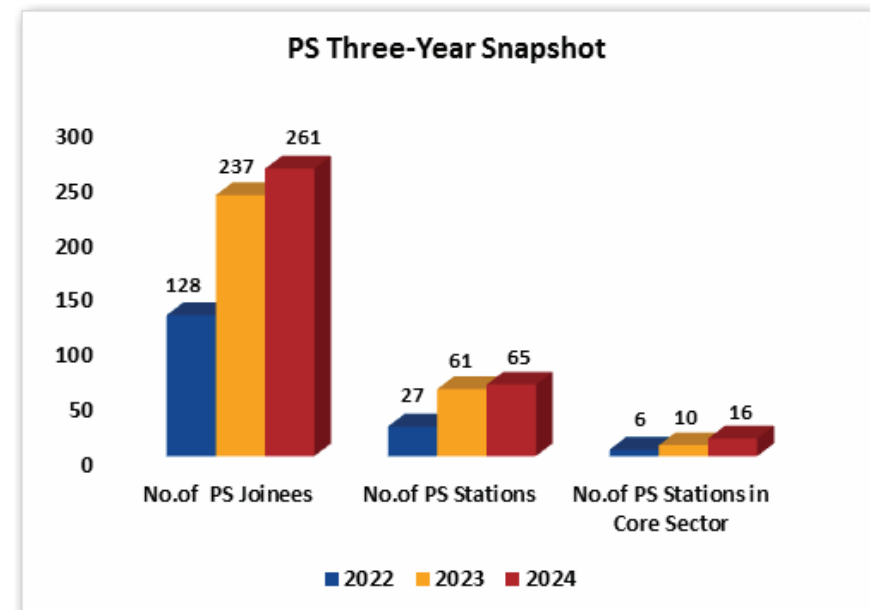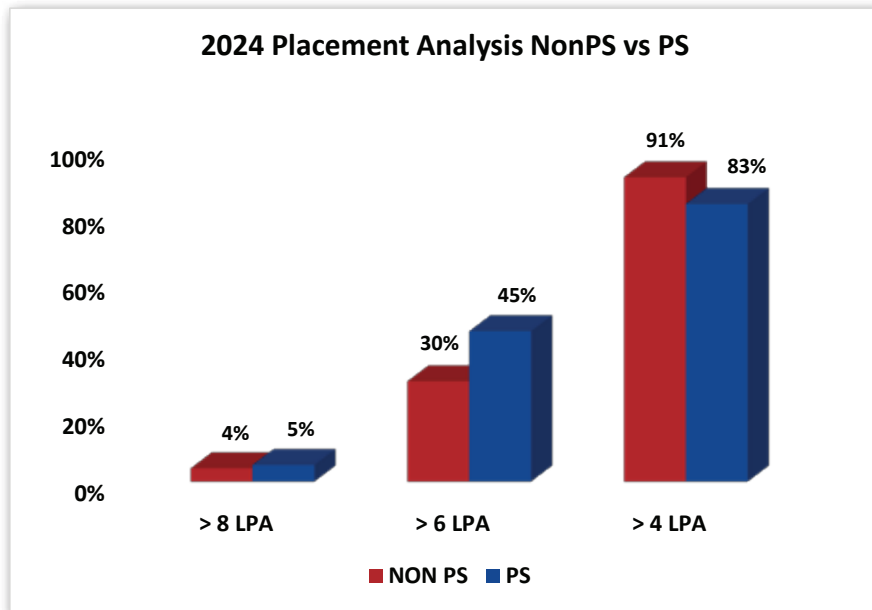
Our Recruiters |Last 3 years|

IT Product/Services

Accenture
Accolite Digital
Acorn Globus
Aditi Consulting
Agile ICO
Akridata
Amazon
ApMoSys
Aptus Data Labs
Argusoft
BRN Commerce
Bourntec
Capgemini
Capillary
CAW Studios
Centroxy
CGLIA
Chargebee
Cognizant
Cozentus
Credore
Date TheRamp
Deloitte
DeltaX
DXC
DZinepiXel
ESSPL
Evolution Algorithms
Evosys
Eximietas
Finastra
First American

Flipkart
FSS
Genpact
GlobalFoundries
Glosity
GoComet
Goranggo & Company
Haber
HashedIn
HCL
Headout
Hexaware
HighRadius
HP Labs
Hughes Systique
IBM
Incture
Infogain
Infosys
Innova Solutions
Intel
Intellect Design
Intellipaat
Innotrat Labs
INVINCIX
iServeU
ITC infotech
Kaynes
KPIT
Kreativan Technologies
Kristellar Aerospace
Kuvera

Larix Technologies
LatentView
Logit One
LTTS
Mavenir
McKinley Rice
Micron Technology
Mindfire Solution
MindGraph
Mindtree
Modak Analytics
Mohs10 Technologies
Movidu Technology
MQAS
MTX
Nagarro
Nirmalya Labs
ODISOFT
Pcon Utilities
Pentair
PeopleStrong
Persistent
Phoenix Software
Pipli Technologies
PoloSoft Technologies
Prodapt
Prodesk
Propelld
PwC
Qvantel
Rapidsoft
Recruit CRM

Rumango
Runo
Sanmina
Sarth Offshore
SAP Labs
SDI- Deloitte
Searching Yard
Signicent
Simplfy VMS
Spikewell
Squbix
SquidMind
STL
Subex
Surya Digital
Surya Software
SysCloud
TCS
Tech Mahindra
Teleglobal International
Texas Instruments
Tiger Analytics
upGrad
ValueLabs
Wipro
Workz
Xoriant
Xzect
Zensar
ZeonAI
Ziroh Labs

Core/Manufacturing/VLSI//Media/Research/Insurance & Banking/Sales & Marketing

Adani Group
Aloha Technology
ARF Design
Argus News
Asiczen Technologies
Aurus Inc
Bajaj Electricals
Blue Star
Byju's
CAMS
CoreEL Technologies
COSMOVOLT
DeepSource
Digit General Insurance
Edu-versity
Electroboltz
Fusion Practices
Indus Towers
JSW
Kellton Tech
Marquee Semiconductor
Medha Servo Drives
Mentor Graphics
Nslhub
Open-Silicon

Phytec
Rotodyne Engineering
Scaledge
Sevya IT
SmartSOC Solutions
STMicroelectronics
Synopsys
Tata Power
Vodafone Idea
VuNet
VVDN
Xeedo Technologies

Campus Life

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

Technology Clubs
Circuit Club, SWITCH Club, Robotics Club, QWERTY Club

Social and Cultural Clubs
Social Media Cell, Cine Max Club, Creative Club, Music Club, Photography Club

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

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

Learning Societies
IEEE, ISTE, CSI, Unstop, Code Chef

Social Service Clubs
Zeal Club, Green Club, YfS, NSS, Red Ribbon Club

Our Alumni

Our alumni have distinguished themselves in diverse roles 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. The Silicon Alumni Association (SAA) provides a forum to connect the alumni, faculty and students to enhance placement and career opportunities.

Swaroop Ranjan Mishra
2010-2014

Research Scientist, Google Deepmind, USA

Utkalika Mohanty
2006-2010

Vice-President, Genpact

Sudhakar Moharana
2000-2003, MCA

Vice-President (Technology), Haber

Biswajita Parida
2004-2008

Assistant Professor, Indian Institute of Technology, Delhi

Anuj Sharma
2009-2013

Vice-President, JP Morgan Chase & Co.

Debadutta Biswal
2000-2002, MCA

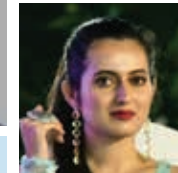Director, Srusti Agro Farms & Founder, Srustee Bionics

Rahul Kumar Dubey
2006-2010

Research Expert, Robert Bosch, Bengaluru

Biraja Prasad Rout
2005-2009, MCA

Founder, Biggies Burger 'n' More

Anubha Sourya Sarangi
2010-2014

Indian Actor & Model

Debadatta Mishra
2002-2005, MCA

Assistant Professor, Indian Institute of Technology, Kanpur

Contact Us

PLACEMENT TEAM 2024-25

pcell@silicon.ac.in

Faculty-in-Charge
Dr. Sanjit Kumar Swain
e-mail: sswain@silicon.ac.in
Mobile: + 91 94372 84114

Placement Officer
Mr. Arun Kumar Baral
e-mail: baral@silicon.ac.in
Mobile: +91 9337283335

Faculty Members
Ms. Rupa Kanungo
e-mail: rupa.kanungo@silicon.ac.in
Mobile: +91 9937327592

Dr. Arnab Pal
e-mail: arnab.pal@silicon.ac.in
Mobile: +91 8101823807

Silicon University

SILICON UNIVERSITY

Silicon Hills, Patia, Bhubaneswar, Odisha 751 024

Ph: +91 9937289499 | Ext: 352/ 354/ 356

www.silicon.ac.in