



Placement Brochure 2023-24

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About SiliconTech

Silicon Institute of Technology (known as SiliconTech) is a premier autonomous engineering institute in Bhubaneswar, Odisha which provides technologically focused education to more than 2500 undergraduate and postgraduate students in different fields. Since its inception in 2001, the institute has embraced modern technology and innovative techniques to evolve its ecosystem which includes academics, industry experience, research, and entrepreneurship.

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.

QUALITY POLICY

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.

Autonomous
Institute

NAAC
Grade 'A'

AICTE
Approved

Affiliated to
BPUT, Odisha

NBA Accredited
UG Programs
(CSE, ECE and EEE)

NIRF 2022
Rank-161
(Engineering)

NIRF 2023
Band 151-300
(Innovation)

Latest Recognitions

1. **Odisha State Energy Conservation Award 2022**
2. **C V Raman Award for Academic Excellence 2021**
3. Awarded "**Best performing Institution Innovation Council (IIC)**" for the 4th consecutive year in 2022 by MoE, Govt. of India
4. Recognized as an "**Incubator**" in 2022 by Start-up Odisha
5. Received "**Start-up Cell**" award in 2021 from BPUT, Odisha
6. **Only Institution Innovation Council from Odisha** to be selected as a mentor institution in 2021, by MoE, Govt. of India
7. Our Innovation & Incubation Centre is approved as a **Business Incubator (BI)** in 2019, by MSME, Govt. of India
8. Awarded the "**Best Engineering College**" in Odisha in 2018 & 2019 by the Indian Society for Technical Education (ISTE)
9. Won the "**Best Technical Institute Award in Research and Development**" in the Odisha Technological Conclave 2017
10. "**Outstanding Engineering Institute Eastern zone**" by ABP News in 2016

Programs Offered

A. Undergraduate Programs (B.Tech.)

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

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
M.Sc. (VLSI)	30
M.Sc. (Molecular Medicine)	30

C. Ph. D. Programs

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

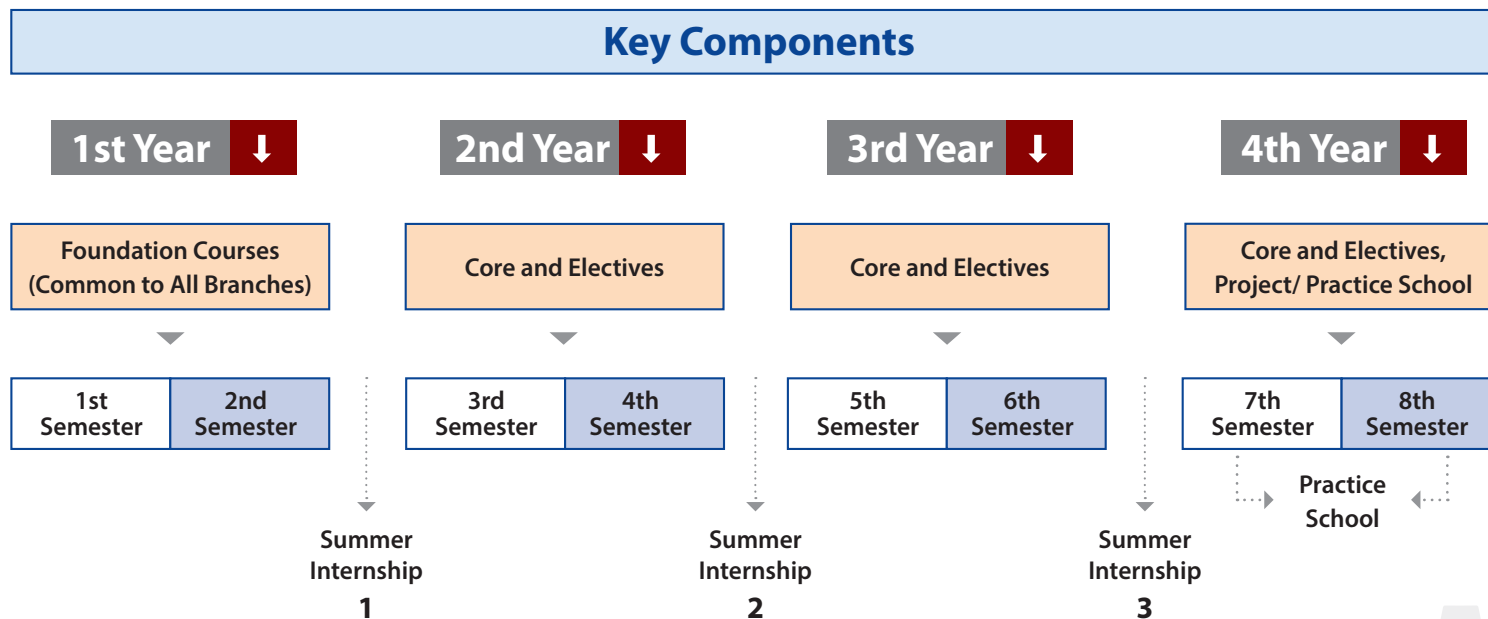
Admission Procedure

SiliconTech 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).

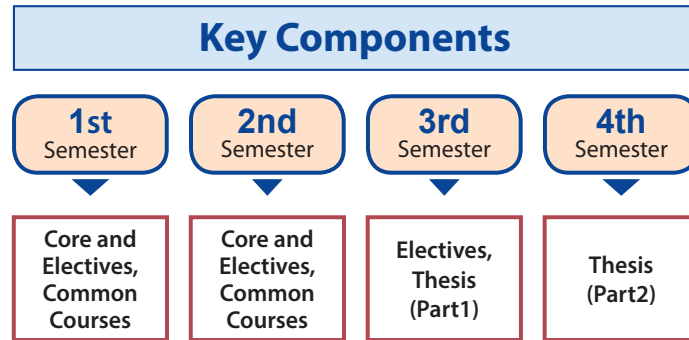
Education & Curriculum

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

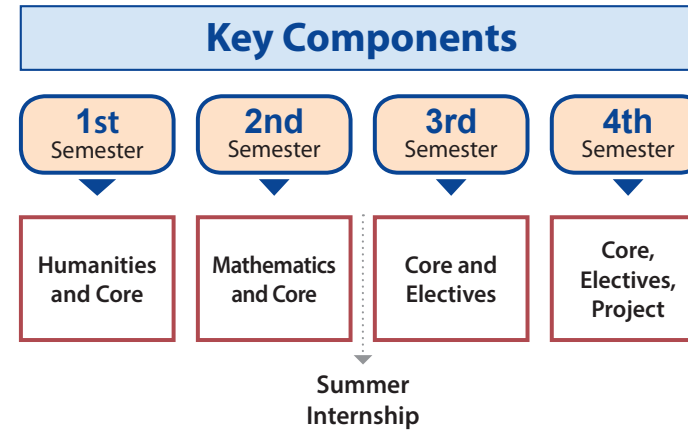
Undergraduate (B.Tech.)



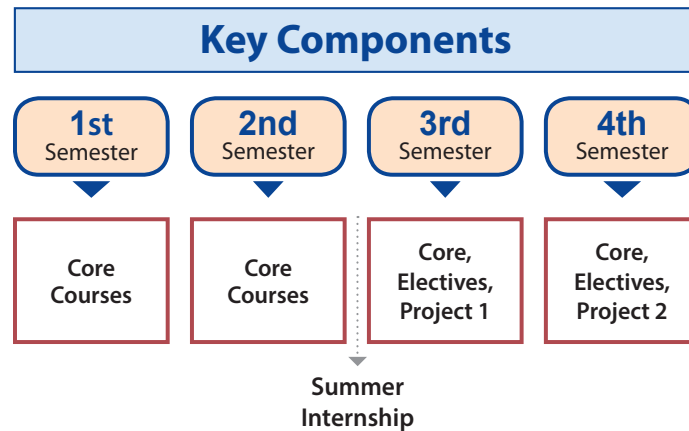
Postgraduate (M.Tech.)



Postgraduate (MCA)



Postgraduate (M.Sc.)



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 (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

- AcesoCloud Software Solutions
- ArchiTech Solutions
- Aurassure
- BlymoTech
- Brundaban A2z Healthhub
- Dzinepixel Webstudios
- Edusols
- Influidity Solutions
- LectureNotes
- Mentified
- Paratronics Technology Services
- PeopleBetter
- PerfectVIPs Techno Solutions
- Procyntech Consulting
- Ridik Edification
- Sansoft Technologies
- 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
Projected Revenue in
next two years

906
People
Employed

Research & Consultancy

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



SiliconTech signed a MoU with Kristellar Aerospace Pvt. Ltd. to conduct joint research in cyber security and aerospace domains on 10 April 2023.



SiliconTech 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.



SiliconTech 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.



SiliconTech has received grants amounting to **INR 3,20,97,810** 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

The SiliconTech 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 SiliconTech to promote scientific temperament, technological innovation, and entrepreneurship. SiliconTech is actively collaborating with

- Inovaare Clouds Solutions
- Boston Microtechnology LLC, USA
- Biju Patnaik University of Technology (BPUT)
- CSIR-CGCRI
- CSIR-IMMT
- DATOMS
- EduSkills Foundation
- FreeFlow Ventures
- InDNA Life Sciences
- Kristellar Aerospace
- NORD Drivesystems
- PerfectVIPs Techno Solutions
- PRDC
- Sevyra Multimedia
- Silicon Techlab
- STMicroelectronics
- The Institution of Engineers (India)
- Tata Power
- VLSI Experts



SiliconTech is collaborating with BALCO (Bharat Aluminium Company Ltd.), Chhattisgarh to leverage the potential of the Institute's young engineers, researchers, and academicians to innovate & solve various industrial bottlenecks in the Smelter and Power Plant facilities of BALCO.

Academic Excellence

University (BPUT) Gold Medals

- 37 BPUT gold medals till date (Securing gold medals every year since BPUT inception in 2007)
- The branch toppers of all the four branches (CSE, ECE, EEE, EIE) of Batch 2017-21 and 2015-19 received BPUT Gold Medals for being branch toppers of the university as well. The CSE branch toppers of both academic years got the 'Arjun Bhuyan Award for University Topper'.

Top Rankers in GATE

- 2 Siliconites got top ranks of AIR 250 (CSE) and AIR 299 (CSE) in GATE 2023
- 127+ students qualified in GATE within AIR 3000 in last 7 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, AIR 20 and AIR 69 in 2021

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
- Indian Institute of Foreign Trade
- BITS Pilani
- Narsee Monjee Institute of Management Studies
- 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
- North Carolina State University, USA

Top Rankers in CAT/ XAT

- 5 Siliconites from Batch 2019-23 achieved top ranks in CAT 2022 with the highest being 97.27 percentile
- 50+ 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

Excellence Beyond Academics

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

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

Industry Interface Cell



“ The Industry Interface Cell (II Cell) is the nodal department anchoring student training and placement activities at SiliconTech. 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 16 academic credits
- Program duration is six months / one semester
- Can be availed in 7th semester (Jul to Dec) or in 8th semester (Jan to Jun)
- Usually assisted by monthly stipend in the range of 8K -50K

Summer Internship Features

- Applicable to B.Tech. students of 1st, 2nd & 3rd years from all branches
- Compulsory component of B.Tech. curriculum
- Carries 1 academic credit
- Program duration is approximately 100 hours or 30 – 45 Days
- Held during summer breaks after the 2, 4, or 6 semesters
- Helps in skilling & upskilling by providing hands-on learning sessions mostly by Industry experts

Placement Highlights 2023

Despite the current market trend, SiliconTech continues to maintain its consistency in placements for the graduating batch of 2023. Top companies in product development, start-ups, IT services and core sector from diverse fields recruit SiliconTech 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 50K.

KEY STATISTICS

B. Tech.

83% Students placed	80 Companies participated	805 Job offers	7:1 Students per company	1.5 Job offers per student	246 Internship offers*	5.8 LPA Average package	28 LPA Highest package
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*Includes practice school offers

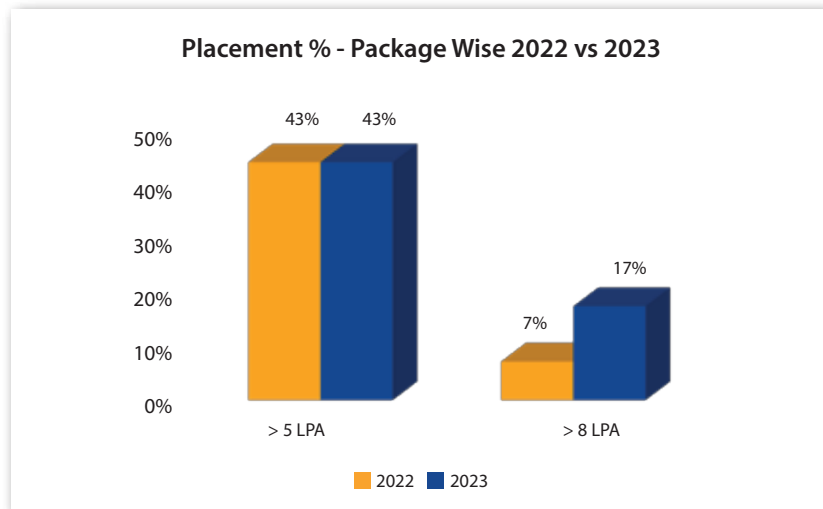
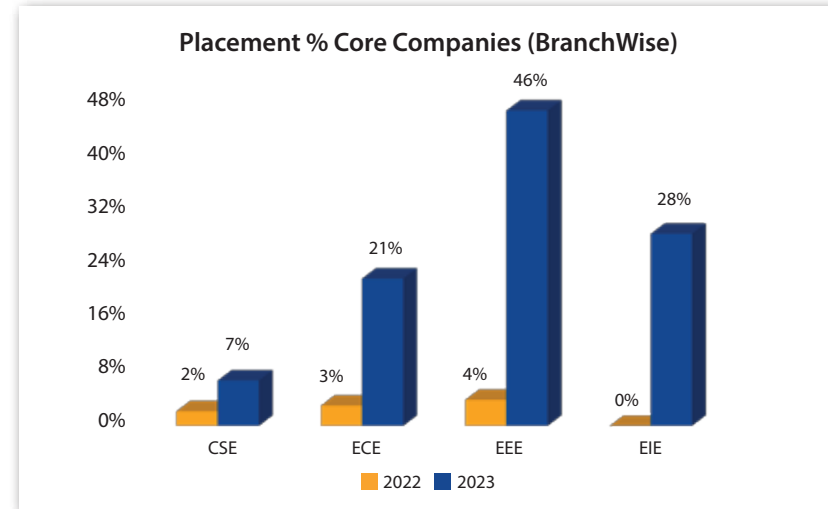
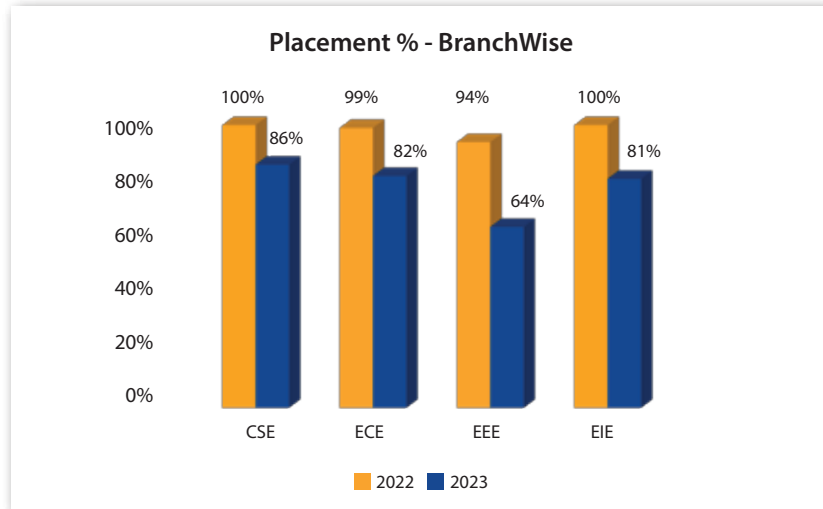
MCA

70% Students placed	38 Companies participated	47 Job offers	7.1 LPA Highest package
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M.Sc. (Data Science)

50% Students placed	20 Companies participated	7 Job offers	7.1 LPA Highest package
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B.Tech. Placement Analysis (Branch Wise)



Highest Package

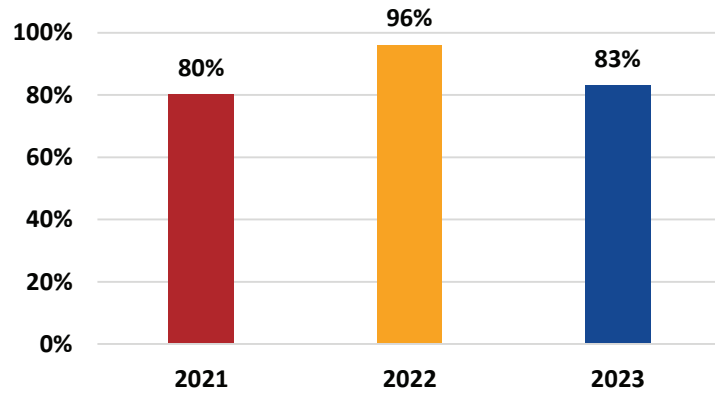
	CSE	ECE	EEE	EIE
2023	28 LPA	20 LPA	9.5 LPA	9.5 LPA
2022	25 LPA	33 LPA	8 LPA	6.5 LPA

Average Package

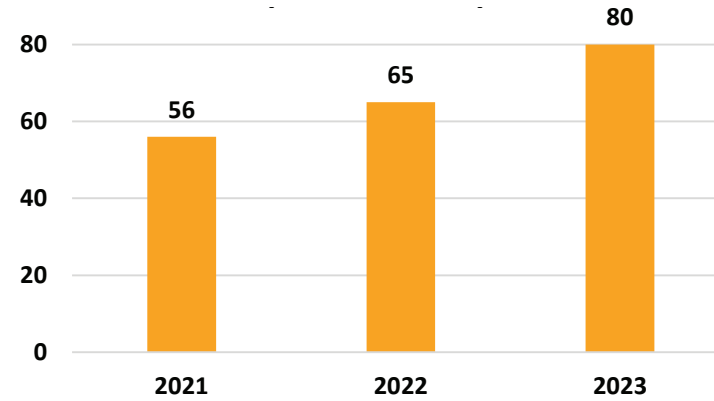
	CSE	ECE	EEE	EIE
2023	6.16 LPA	5.53 LPA	5.7 LPA	5.02 LPA
2022	5.4 LPA	5.16 LPA	4.59 LPA	4.25 LPA

THREE-YEAR SNAPSHOT

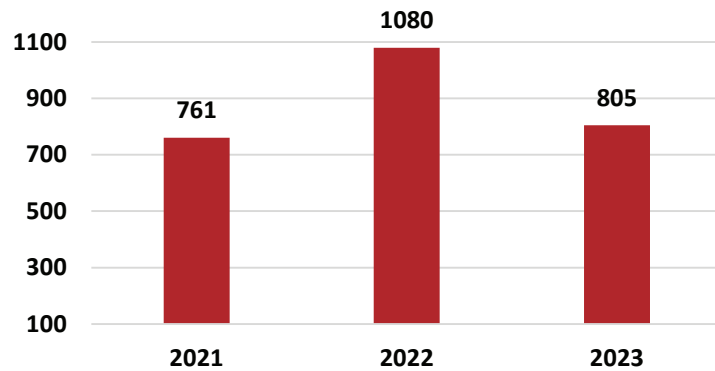
% Placed



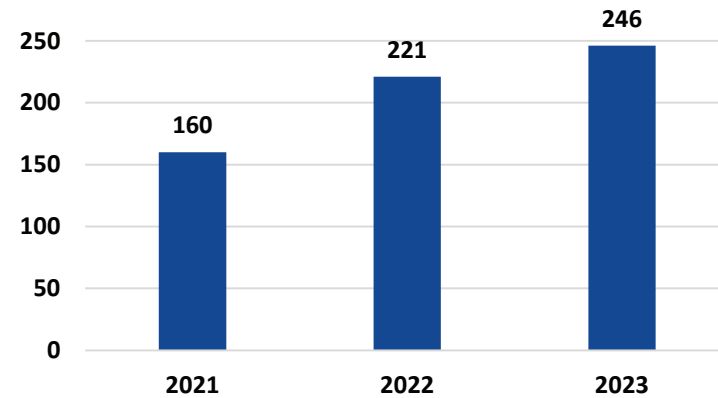
Companies Participated



Job Offers

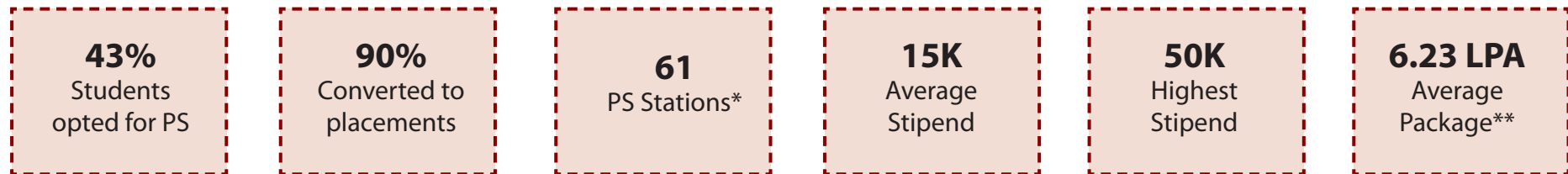


Internship Offers*

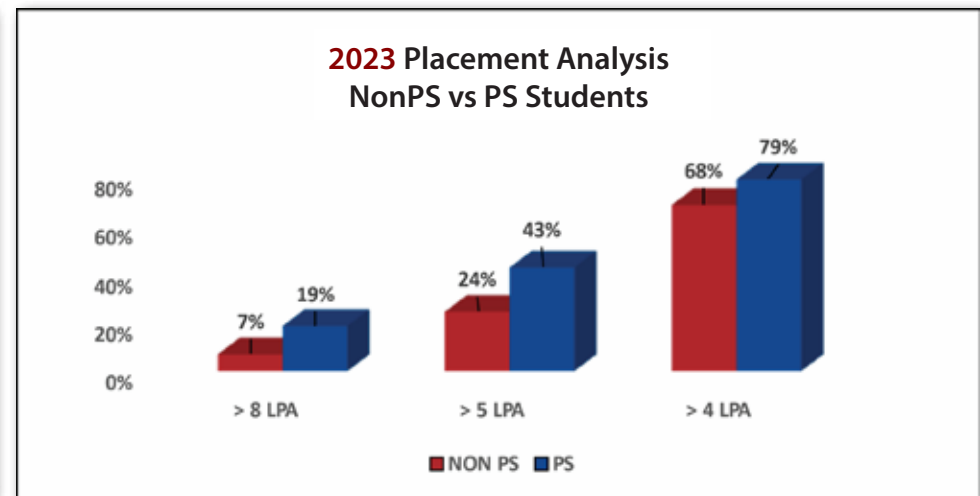
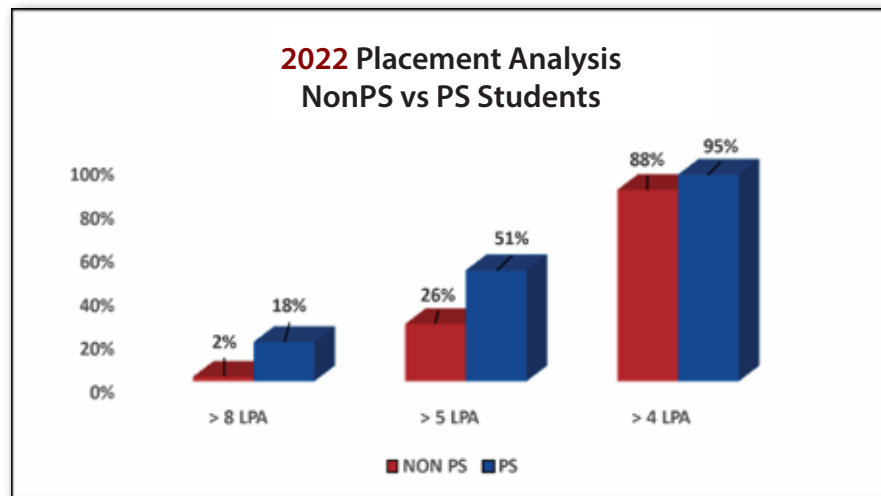


* Includes practice school offers

Practice School (PS) Highlights 2023



*Practice School (PS) Stations are companies where the PS students do their internship like Accolite, BALCO, STMicroelectronics, Vodafone etc.
**The Average Package of students who opted for PS is 6.23 LPA, while the Average Package of Non PS students is 5.8 LPA



Our Recruiters | Last 3 years |

IT Product/Services

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

Abzooba	FelixHealthcare	LatentView	Sanmina	Adani Group	JSW
Accenture	Finastra	LTTS	SAP Labs	Aloha Technology	Kellton Tech
Accolite Digital	First American	Mavenir	Searching Yard	Argus News	Kirloskar
Acorn Globus	FSS	Maventic	Simplfy VMS	Asiczen Technologies	Larkai Healthcare
Aditi Consulting	Genpact	Mckinley Rice	Spikewell	Blaze Automation	Marquee Semiconductor
Akridata	GlobalFoundries	Micron Technology	Spotline	Blue Star	Medha Sevo Drives
Amazon	Goranggo & Company	Mindfire	Squbix	British Telecom	Mentor Graphics
Anbrain Technologies	HashedIn	MindGraph	STL	Byju's	nsIhub
Aptus Data Labs	HCL	Mindtree	Stackit	Continental	Open-Silicon
Argusoft	Hexaware	Modak Analytics	Subex	CoreEL Technologies	Pentair
Bourntec Solutions	Hughes Systique	MTX	Surya Software	DATOMS	PerfectVIPs
BRN Commerce	IBM	Nagarro	SysCloud	DeepSource	PHYTEC (Embedded Domain)
CADSYS	In2IT Technologies	NIIT	TCS	Digit General Insurance	Research Project (XIM)
Capgemini	Incture	Nirmalya Labs	Tech Mahindra	DZinepiXel	Sevya Multimedia
Capillary Technologies	Infosys	ODISOFT	Teleglobal International	Fusion Practices	SmartSOC Solutions
CAW Studios	Innova Solutions	PeopleStrong	Tetrasoft	GoComet	SquidMind
Centroxy	Inovaare Clouds Solutions	Pipli Technologies	Texas Instruments	Haber	STMicroelectronics
Chargebee	Inspire Software	PoloSoft Technologies	Tiger Analytics	HP Labs	Synopsys
Cognizant	Intel	Prodapt	Transporeon	HSBC	Tata Power
Cozentus	Intellipaat	Propelld	upGrad	Indian Oiltanking	Vodafone Idea
Date TheRamp	Interland Technology	PwC	ValueLabs	Infogain	VuNet
Deloitte	INVINCIX	Quest Global	Wipro	Jindal Group	VVDN
Deloitte (Cybersecurity Domain)	iServeU	Qvantel	Workz		
DeltaX	ITC Infotech	Rapidsoft	XCEL Corp		
DXC	JBS Capacitors	Recruit CRM	Xoriant		
eClerx	KPIT	Rumango	Zensar		
ESSPL	Kuvera	Runo			
Evosys	Larix Technologies	Saddle Point			

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

Zeal Club, Green Club, YFS, NSS, Red Ribbon Club

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. The 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



Brijesh Samantray
2007-2011

Co-founder,
Propelld



Lipsa Panigrahi
2006-2010

Entrepreneur,
ORPHUB
Consultancy
Services Pvt. Ltd.



**Surajit Das
Chowdhury**
2006-2010

Head of
Partnerships,
Muvi LLC



Utkalika Mohanty
2006-2010

Vice-President,
Genpact



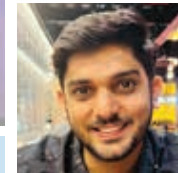
Biraja Prasad Rout
2005-2009

Founder, Biggies
Burger 'n' More



Debadatta Mishra
2002-2005, MCA

Assistant Professor,
Indian Institute of
Technology, Kanpur



Mohit Jethi
2011-2015

Manager (Brand
Marketing and
Strategic Planning),
TVS Motor Company



Sudhakar Moharana
2000-2003, MCA

Vice-President
(Technology), Haber



Contact Us

PLACEMENT TEAM 2023-24

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Silicon
...beyond teaching

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