

INFORMATION BROCHURE 2025-26

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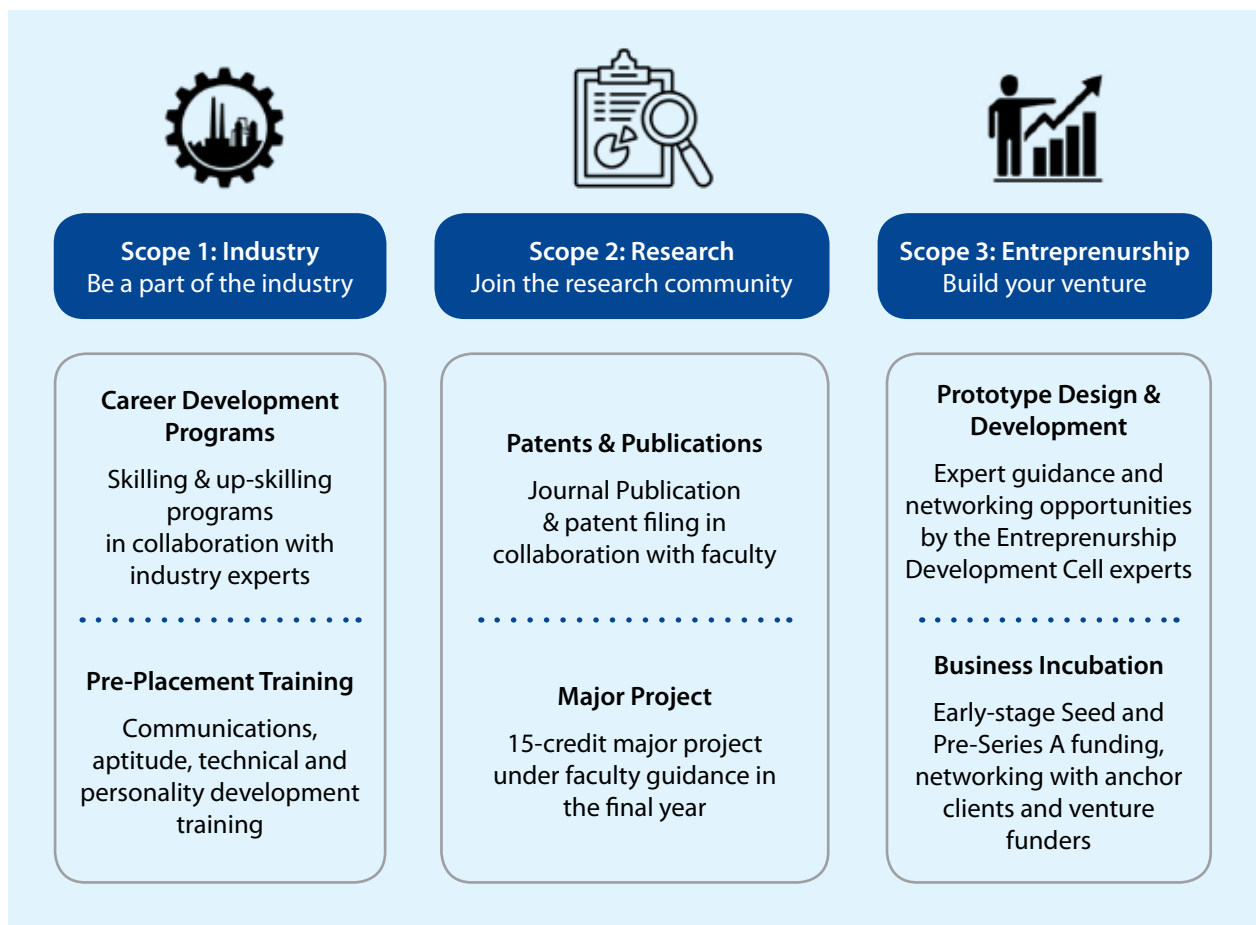


Why Silicon?

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 evolve its ecosystem.



Navigate your career path while you pursue your studies



Accreditations and Recognitions



Best University Award for promoting industry-academia linkage-2024



Energy Conservation Award -2024



CV Raman Award for Academic Excellence-2021

Recognized as one of the **Best performing Institution's Innovation Council (IIC)** for the 6th consecutive year in 2024, by MoE, Govt. of India

Only funded IIC from Odisha to be selected as a 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

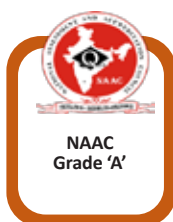
Received **"Start-up Cell"** award in 2021 from BPUT, Odisha

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



UG Programs (B.Tech.)

	Intake
• Computer Science and Engineering (CSE)	300
• Electronics and Communication Engineering (ECE)	180
• Electrical and Electronics Engineering (EEE)	120
• Electronics and Instrumentation Engineering (EIE)	60
• Electronics Engineering (VLSI Design & Technology)*	60

* Under process with AICTE



PG Programs (M.Tech./ MCA/ M.Sc.)

• 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
• iMCA (Integrated BCA + MCA)	60
• M.Sc. (Data Science)	30
• M.Sc. (VLSI)	30
• M.Sc. (Molecular Medicine)	30
• M.Sc. (Embedded Electronics & IIoT)	30



Ph.D. Program

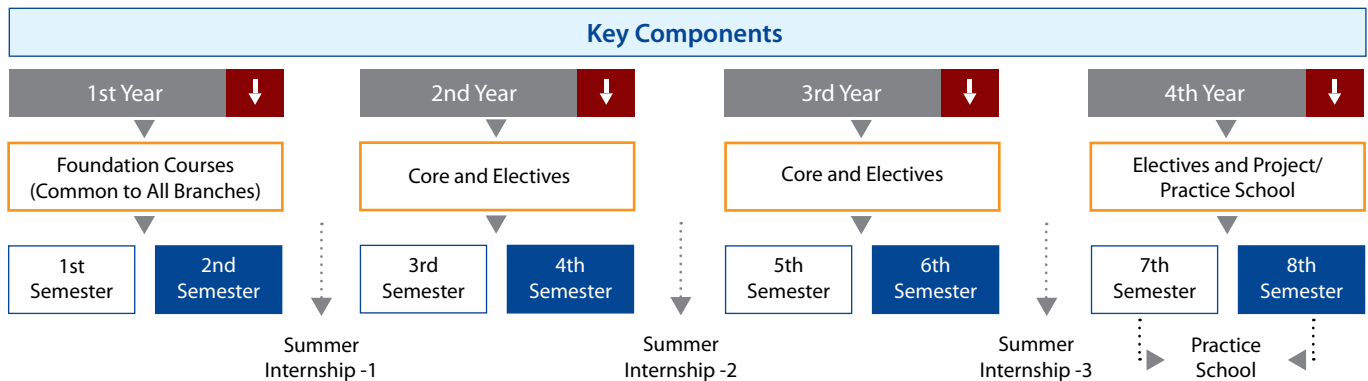
Silicon University has its own Ph.D. program in Engineering, Science, Humanities, Social Sciences, and allied interdisciplinary areas. Our Ph.D. program has been designed as per the latest UGC guidelines. The offered disciplines are:

- Engineering (CSE, EEE, ECE, EIE, EE, ME)
- Basic Science (Physics, Chemistry, Mathematics)
- Humanities (English, Management, Economics, Psychology)
- Molecular Medicine

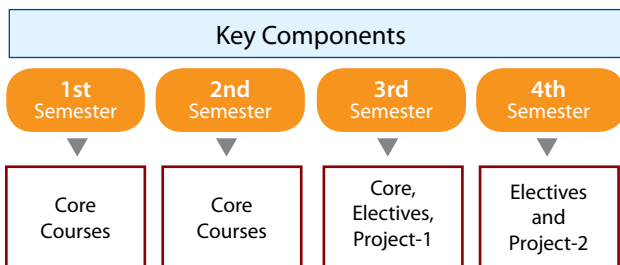
Education and Curriculum

Our curriculum is updated and evolving, keeping in sync with industry and research requirements. **Summer Internship** and **Practice School** are our two flagship skilling programs.

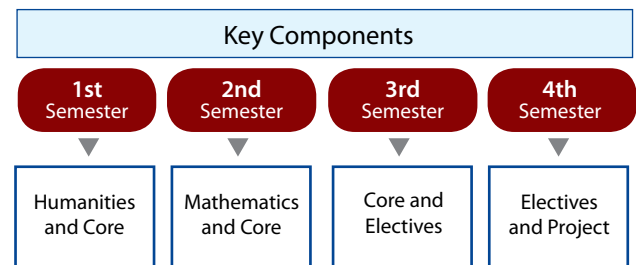
Undergraduate (B.Tech.)



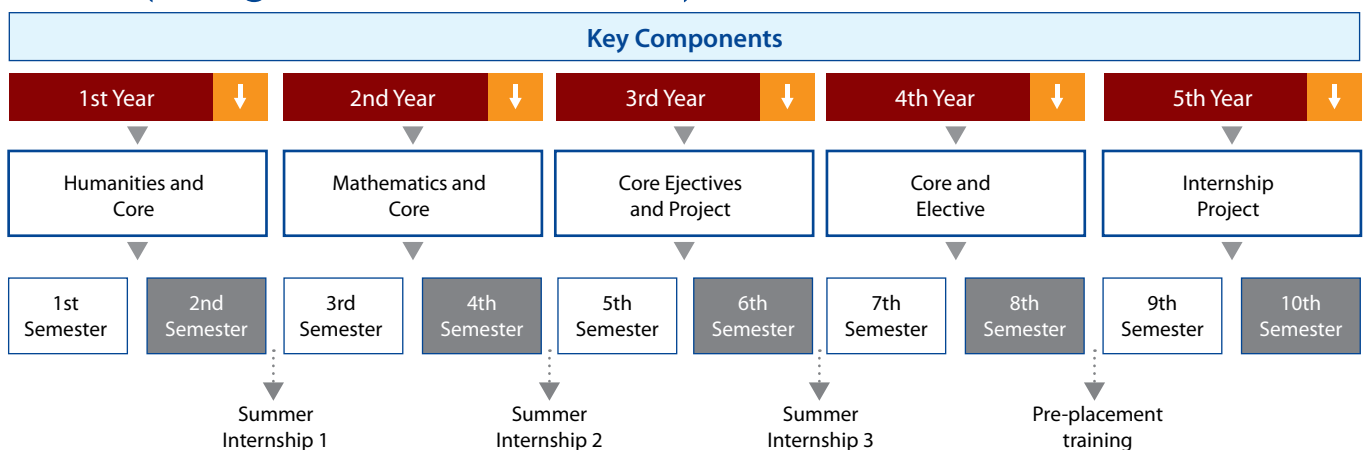
Postgraduate (M.Sc.)



Postgraduate (MCA)



iMCA (Integrated BCA + MCA)



BCA Curriculum

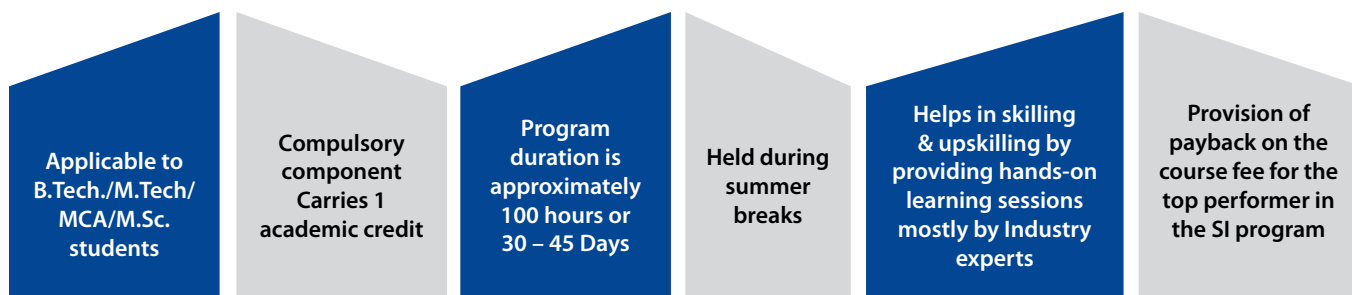
MCA Curriculum

Summer Internship (SI)

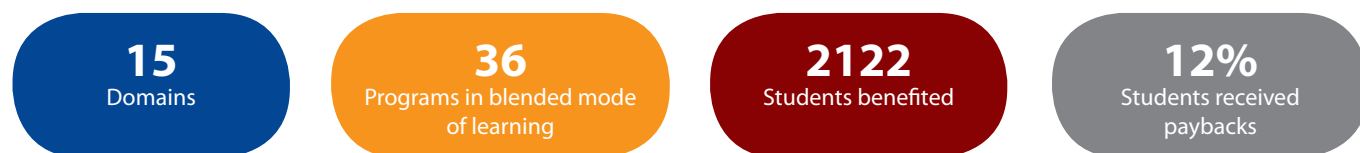
Summer Internship is one of the flagship programs of Silicon University. This program started in the year 2019. Every year the courses are conducted in the summer break by taking the support of Industry Experts either in physical mode or hybrid mode.

- Students get hands-on learning experience by working on simulations of real-life industry projects.
- Mentoring by domain experts from industry.

SI Features



SI 2024 Highlights



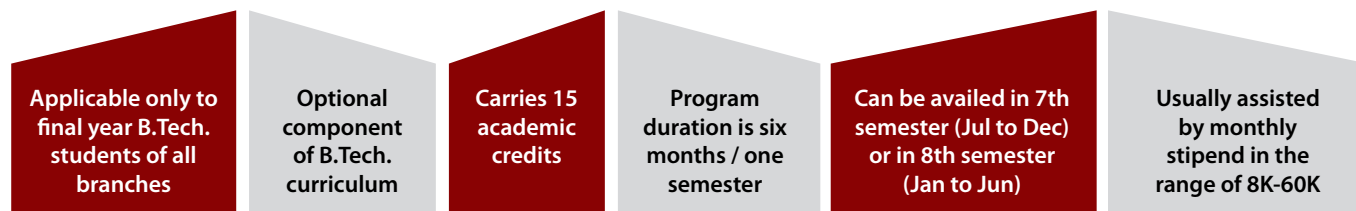
SI Summary - Last Five Years

Year	No. of courses offered	No. of students registered
2020	16	856
2021	27	1414
2022	25	1575
2023	33	1911
2024	36	2122

Practice School (PS)

Practice School (PS) is an innovative concept in undergraduate engineering education, which creates a bridge between conventional classroom learning and gaining valuable real-life skills.

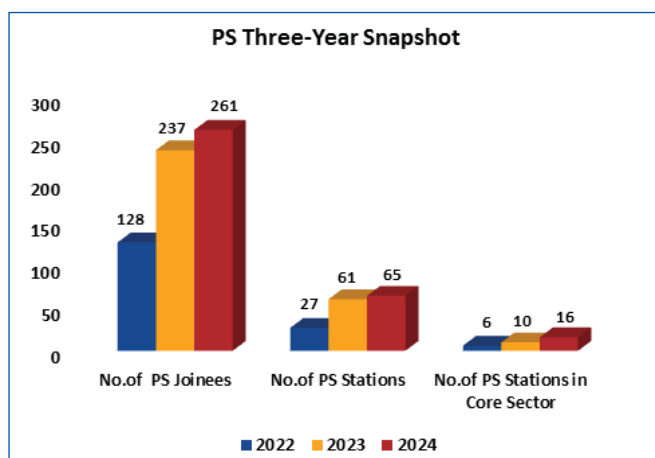
PS Features



Our PS Story

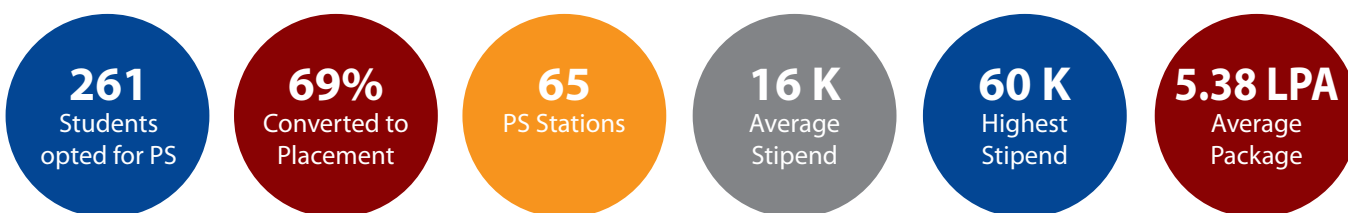
Our PS program launched in 2021, witnessed a significant increase in students' participation in the subsequent years of its implementation. The PS program has seen an overwhelming response by both students and participating companies (PS Stations) in both 7th semester and 8th semester, over the years.

The PS outcome across the last four years, reveals the institution's adaptability and dedication to prepare the students as per the industry trend.



PS Highlights

Key Statistics (2024 graduating batch)



Key Statistics (2023 & 2022 graduating batch)

Year	Student opted for PS	Converted to Placement	PS Stations	Average Stipend	Highest Stipend	Average Package
2023	237	90	61	15K	50K	6.23 LPA
2022	128	100	27	10K	40K	6.01 LPA

Research & Collaborations

“Silicon proudly maintains over 20 collaborative partnerships with industry giants, esteemed knowledge institutions, and reputable consultancy firms.”



“Silicon has received grants amounting to over **5 Crores** from various funding organizations, including the Department of Science and Technology (DST), Govt. of India, AICTE, and BPUT to conduct research in diverse areas of science and technology.”

Grant Highlights

I. AICTE IDEA LAB

Funding Agency: All India Council for Technical Education (AICTE)

Sanctioned Budget: ₹ 1.1 crore

Duration: 2 years

Chief Mentor: Dr. Jaideep Talukdar, Professor & Vice-Chancellor

Faculty Coordinator: Dr. Ambarish G. Mohapatra, Associate Professor, Electronics Engineering

Faculty Co-Coordinator: Dr. Sudhansu M. Biswal, Associate Professor, Electronics Engineering

The AICTE IDEA Lab aims to foster creativity, innovation, and hands-on learning in STEM.

II. RESEARCH PROJECT ON TARGETING EARLY VASCULAR DYSFUNCTION IN ALZHEIMER'S DISEASE ASSOCIATED DEMENTIA FOR THERAPEUTIC DEVELOPMENT

Funding Agency: Anusandhan National Research Foundation (ANRF)- Prime Minister Early Career Research Grant (PMECRG)

Sanctioned Budget: ₹ 60 lakhs

Duration: 3 years

Principal Investigator: Dr. Pradeep Kumar Singh, Associate Professor, JBS Haldane Center of Molecular Medicine

This research aims to investigate cross-talk between amyloid protein and blood clotting factors in Alzheimer's disease

Entrepreneurship

The Entrepreneurship Development Cell (ED Cell) at Silicon is recognized as one of the most vibrant ED Cells in the state. Silicon's Business Incubator (BI) has successfully incubated 15 start-ups, bringing technology products and services to the marketplace.

Success Stories



Ainesh Patra (EEE, 2026), CEO of We Innovate India™, spearheads innovation in ERP, CRM, AI model development, and cybersecurity solutions. He participated in Startup Mahakumbh 2025, held from 3–5 April 2025 at Bharat Mandapam, New Delhi, through the Ministry of Micro, Small and Medium Enterprises (MSME). His company showcased its capabilities on a national platform. This exposure led to strategic partnerships with boAt, Lenskart, and IDFC Bank. With successful projects for clients like OMFED and Utkal Builders, Ainesh continues to establish We Innovate India™ as a trusted name in digital solutions.



Two teams from Silicon won cash prizes of three lakh rupees each for being selected among the top ten teams in the Odisha Startup Yatra 2023 organized by the Government of Odisha on 29 January 2024 at O-Hub, Bhubaneswar. Shreeman Debasmit (CST, 2024) & Dwarikanath Choudhary (CSE, 2024) showcased a new aerial vehicle design. Samarpita Nayak (CSE, 2024) & Swayamsiddha Mohanty (CST, 2024) proposed ZenCharge EV stations with cafes on highways. A total of 36,000 students from various institutions in the state presented 4,400 innovative ideas across different sectors in the event.

Entrepreneurs in Focus



Biraja Prasad Rout
2005-2009
Biggies Burger 'n' More



Lipsa Panigrahi
2006-2010
ORPHUB Consultancy Services



Brijesh Samantray
2007-2011
Propelld



Anindita Dash
2001-2005
Iktaara Creations



Surendra Nath
2010-2013
Vaisali Dairy



Kumar Avinas
2005-2009
BSR Combines



Shiv Agrawal
2005-2009
Supershade Agro Textile



Rohit Jain
2005-2009
Swosti Ecowares

Placement Highlights

SiliconTech has maintained a good placement record since its inception in 2001 with more than 70% of the students getting placed every year. In the year 2024, over 40% of the placed students have received offers with differential salary packages of ₹6 LPA and above, with the highest salary package of ₹32.5 LPA from Flipkart in 2024. A total of 272 students got the opportunity for industry internship with a monthly stipend ranging from ₹8K to ₹60K. 70% of the interns have pre-placement offers after successful completion of internship in their final semester.

B.Tech.

Key Statistics (2024 graduating batch)

74%

Student
Placed

75

Companies
Participated

32.5 LPA

Highest
Package

5.16 LPA

Average
Package

272

Internship
Offers

Key Statistics (2023 & 2022 graduating batch)

Year	% Placed	Companies Participated	Highest Package	Average Package	Internship Offers
2023	83	80	28 LPA	5.8 LPA	246
2022	96	65	33 LPA	5.1 LPA	221



MCA

Year	% Placed	Companies Participated	Highest Package
2024	70	35	9.5 LPA
2023	70	38	7.1 LPA
2022	91	35	7.5 LPA

M.Sc. (Data Science)

Year	% Placed	Companies Participated	Highest Package
2024	71	15	7 LPA
2023	50	20	7.1 LPA
2022	94	20	6 LPA

Our Recruiters (Last 3 Years)

IT-Product/Consulting

Accenture	Date TheRamp	Hexaware	Kristellar Aerospace	PixelCompute	StratLytics
Accolite Digital	DeepSource	HighRadius	LatentView	PoloSoft Technologies	STL
Acorn Globus	Deloitte	HP Labs	LTTs	Prodapt	Surya Digital
Aditi Consulting	DeltaX	Hughes Systique	Mavenir	Prodesk	Surya Software
Agile ICO	DXC	i8CLOUD	Micron Technology	Propelld	SysCloud
Akridata	DZinepiXel	IBM	Mindfire Solution	PwC	TCS
Aloha Technology	EffiGO	Incture	MindGraph	Qvantel	Tech Mahindra
Amazon	ESSPL	Infogain	Mindtree	Rapidsoft	TechnoShrine
ApMoSys	Evolution Algorithms	Infosys	Modak Analytics	Recruit CRM	Teleglobal International
Aptus Data Labs	Evosys	Inovaare	Mohs10 Technologies	Rhythm Innovations	Texas Instruments
Argusoft	Eximietas	Innova Solutions	Movidu Technology	Rumango	Tiger Analytics
Blaze Automation	Finastra	Intel	MQAS	Runo	Transporeon
BRN Commerce	First American	Intellect Design	MTX	Sanmina	ValueLabs
Bourntec	Flipkart	Intellipaas	Nagarro	Sarth Offshore	Wipro
Capgemini	FSS	Innotrat Labs	Nirmalya Labs	SAP Labs	Workz
Capillary	Genpact	INVINCIX	Nslhub	Sasken	Xoriant
CAW Studios	Glosity	iServeU	ODISOFT	SDI- Deloitte	Xzect
Centrox	GoComet	ITC infotech	Pcon Utilities	Searching Yard	Zensar
CGLIA	Gorango & Company	Kaynes	Pentair	Signicent	ZeonAI
Chargebee	Haber	Kelton Tech	PeopleStrong	Simplify VMS	Ziroh Labs
Cognizant	HashedIn	Kfintech	Persistent	Spikewell	
Cozentus	HCL	KPIT	Phoenix Software	Squbix	
Credore	Headout	Kreativan Technologies	Pipli Technologies	SquidMind	

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

Adani Group	Cummins	Open-Silicon	TCE
ARF Design	Digit General Insurance	Phytec	Tessolve
Argus News	Edu-versity	Polycab	UpGrad
Asiczen Technologies	Electroboltz	Rashmi Group	Vaaman Engineers
Aurus Inc	Fusion Practices	Rotodyne Engineering	Vodafone Idea
Avaada	GlobalFoundries	Scaledge	Volkswagen
Bajaj Electricals	Indus Towers	Sevya IT	VuNet
Blue Star	Jakson	SmartSOC Solutions	VVDN
Byju's	JSW	Surya International	Xeedo Technologies
CAMS	Marquee Semiconductor	STMicroelectronics	
CoreEL Technologies	Medha Servo Drives	Synopsys	
COSMOVOLT	Mentor Graphics	Tata Power	

Campus Life

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

The Silicon Student Council (SSC) is a representative body led by the Secretary-General. The office bearers comprise of core team members, elected representatives from each class, and nominated representatives from each club.



Technology Clubs

Circuit Club, SWITCH Club, Robotics Club, QWERTY Club



Personality Development Clubs

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



Social and Cultural Clubs

Social Media Cell, CineMax Club, Creative Club, Music Club, Photography Club



Learning Societies

IEEE, ISTE, CSI, Unstop, Code Chef



Sports and Fitness Clubs

Health & Gym, Sports Club, Cricket Club, Yoga Club



Social Service

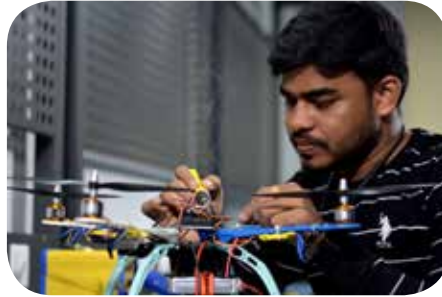
Zeal Club, Green Club, YFS, NSS

Facilities

Academics



Spacious Classrooms with audio-visual facility



Laboratories with state-of-the-art equipment



Lecture Theatres with advanced audio-visual setup



Central Library with discussion rooms & separate reading cubicles



Research Center for building a thriving research community



A 400-seater auditorium

Other Facilities



SkyLab - An outdoor 24*7 Wi-Fi zone



SunDeck – Sports Complex with a 400M Running Track, Basketball Court, Badminton Court, Volleyball Court, Football Ground, Cricket Ground



Gym - Well-equipped with a dedicated instructor

1. **Residences:** 2 boys' residences with a capacity of 1200 & 1 girls' residence with a capacity of 600
 - i. Each resident is provided with a bed, table, chair, wardrobe, new mattress & pillow
 - ii. AC rooms are also available
 - iii. Most of the rooms are on shared basis
2. **Medical Facilities:** 24 x 7 ambulance facility
 - I. A general physician and a gynaecologist visit the campus twice a week
 - II. On-campus Residence Clinic with first-aid essentials
3. **Dedicated Counsellors:** Counselling psychologists are present on campus to help the students
4. **Transport Facilities:** Available at no additional cost

Our Achievers



Divya Swarup Mishra
ECE, 2025
Synopsis, 15.12 LPA



Richa Kumari
CSE, 2025
Amazon, 13.2 LPA (Intern)



Sumaan Mishra
ECE, 2025
Synopsis, 15.12 LPA



Nitish Panda
CSE, 2025
Specialist Programmer
Infosys, 9.5 LPA



B. Subham Patra
M.Sc. VLSI, 2025
Scaledge, 6.1 LPA



Sekhar Kumar
CSE, 2025
MS, University of Milan, Italy



Putul Kumari
CSE, 2024
Flipkart, 32.5 LPA



Debanwita Mahato
CSE, 2024
Headout, 20 LPA



Gopinath Barat
CSE, 2024
Micron Technology, 14 LPA



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



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



Srijan Paul
CSE, 2023
DeepSource, 28 LPA



Mahavir Ganapati Dash
ECE, 2023
McKinley Rice, 20 LPA



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



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



Smrutiranjana Dalei
CSE, 2023
GATE 2022 AIR 250, IISc Bangalore



Subham Rath
ECE, 2022
Texas Instruments, 33 LPA



Swapna Sanjog Mohanty
CSE, 2022
Amazon, 25 LPA



Akash Dash
CSE, 2020
Wiley, 40 LPA



Raj Jha
CSE, 2019
Swiggy, 42 LPA

Contact Us

ADMISSIONS TEAM 2025-26

General Enquiry:

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B.Tech. Programs:

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Mr. Gopal Chandra Sahoo (+91 9338525089)

Prof. Ramaprasad Panda (+91 7978970033)

M.Tech. / MCA / M.Sc. Programs:

M.Tech: Prof. Bikram Keshari Mishra (+91 8249925509)

MCA/ iMCA (Integrated BCA + MCA)/ M.Sc. (DS): Prof. Rabindra K. Dalei (+91 9937737895)

M.Sc. (VLSI): Prof. Dhananjaya Tripathy (+91 7504246759)

M.Sc. (EE & IIOT): Prof. Ambarish G. Mohapatra (+91 9938918991)

M.Sc. (Molecular Medicine): Prof. Amit Roy Chowdhury (+91 8056160589)

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