



# INFORMATION BROCHURE 2026-27

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# Why Silicon?

SiliconTech, the engineering institute of Silicon University, is a thriving ecosystem of learning, innovation, and research. More than 3500 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 its teaching-learning process.

<b>Frontrunner in Tech Education since 2001</b>	<b>Holistic Curriculum</b>	<b>Earn while you Learn</b>	<b>Strong Industry Connect</b>
<b>Comprehensive Research Hub</b>	<b>Excellent Entrepreneurial Support</b>		<b>Vibrant Campus Life</b>

## Navigate your career path while you pursue your studies!

		
<b>Scope 1: Industry</b> Be a part of the industry	<b>Scope 2: Research</b> Join the research community	<b>Scope 3: Entrepreneurship</b> Build your venture
<p><b>Career Development Programs</b></p> <p>Skilling &amp; up-skilling programs in collaboration with industry experts</p> <p>.....</p> <p><b>Pre-Placement Training</b></p> <p>Communications, aptitude, technical and personality development training</p>	<p><b>Patents &amp; Publications</b></p> <p>Journal Publications &amp; patent filing in collaboration with faculty</p> <p>.....</p> <p><b>Private School (PS)</b></p> <p>15-credit PS under faculty guidance in the final year</p>	<p><b>Prototype Design &amp; Development</b></p> <p>Expert guidance and networking opportunities by the Entrepreneurship Development Cell</p> <p>.....</p> <p><b>Business Incubation</b></p> <p>Early-stage Seed and Pre-Series A funding, networking with anchor clients and venture funders</p>

# Accreditations and Recognitions



Conferred Scientific and Industrial Research Organisation (SIRO) status by the Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Govt. of India



Certificate of Appreciation in Odisha State Energy Conservation Award-2025



Best University Award for promoting industry-academia linkage-2024

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** selected as a mentor institution in 2023 and 2021, by MoE, Govt. of India

Received the **"Odisha State Energy Conservation Award"** in 2024 and 2022

Recognized as an **"Incubator"** in 2022 by Start-up Odisha

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

Won the **"CV Raman Award for Academic Excellence 2021"**

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 & 2015



AICTE Approved



\* NAAC Grade 'A'

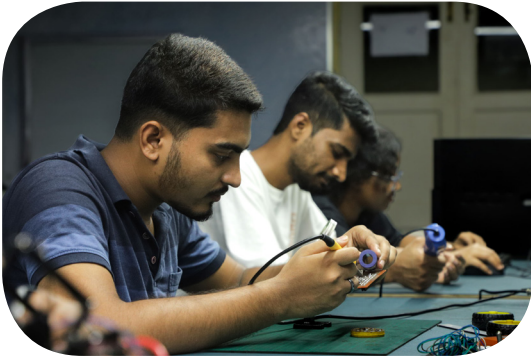


\* NBA Accredited UG Programs (CSE, ECE and EEE)



\* Accredited as an autonomous institute; accreditation under the university format is currently in process

# 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



## 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
• M.Sc. (Digital Healthcare Systems & Management)	30



## Ph.D. Program

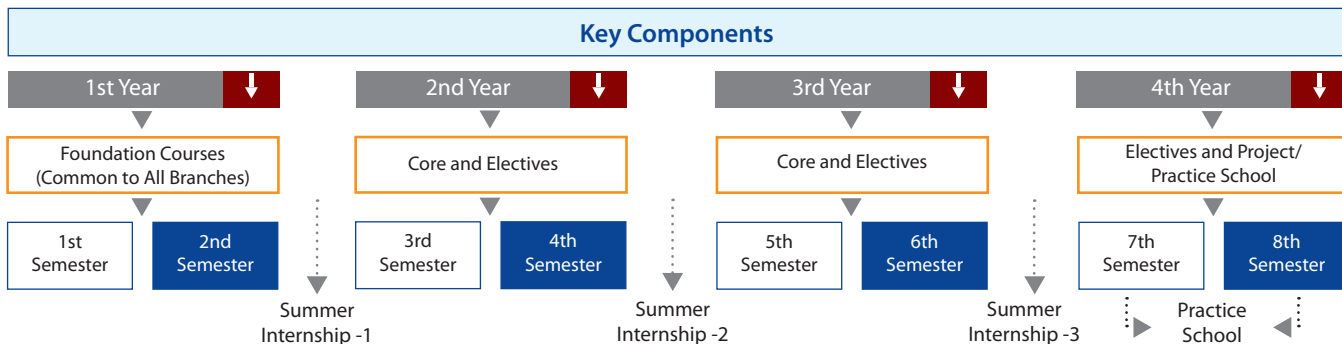
Silicon University has its own Ph.D. program in Engineering, Science, Humanities, Social Sciences, and allied interdisciplinary areas. Our Ph.D. program has been designed as per the latest UGC guidelines. Currently, over a hundred Ph.D. scholars are enrolled in the program. The offered disciplines are:

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

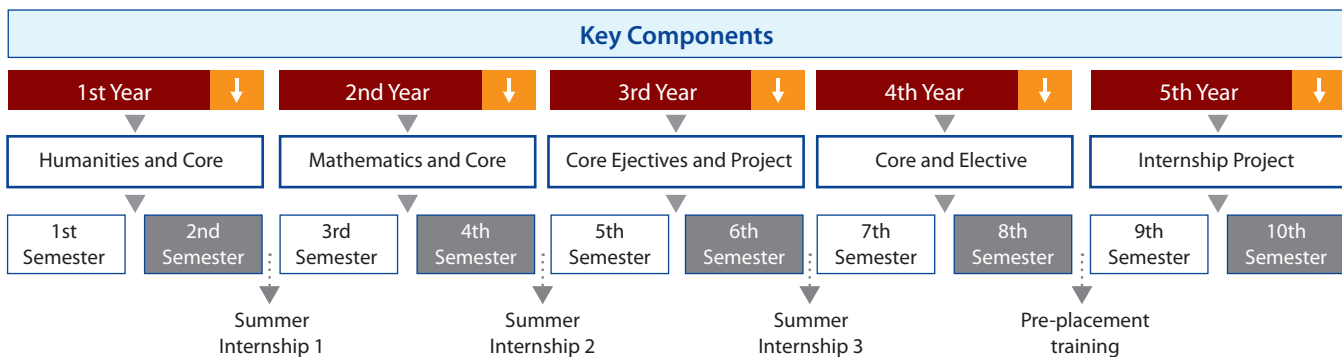
# Education and Curriculum

Our curriculum is updated and evolving, keeping in sync with industry and research requirements. **Summer Internship** and **Practice School** are two of our skilling programs. The key components of the different programs are as follows:

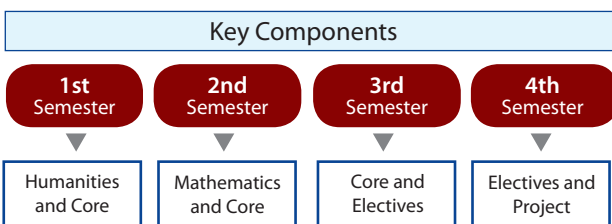
## Undergraduate (B.Tech.)



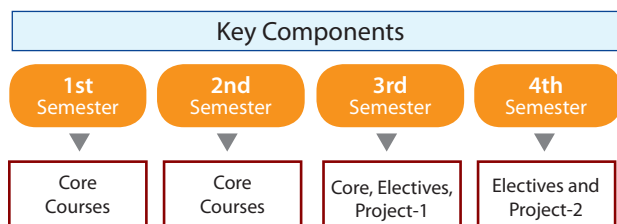
## iMCA (Integrated BCA + MCA)



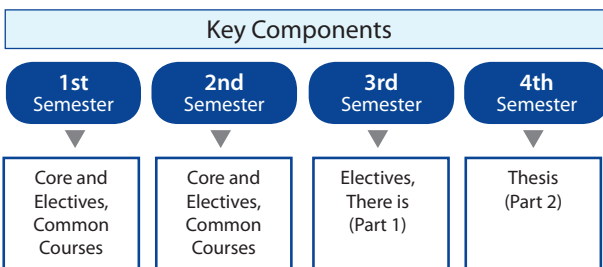
## Postgraduate (MCA)



## Postgraduate (M.Sc.)



## Postgraduate (M.Tech)

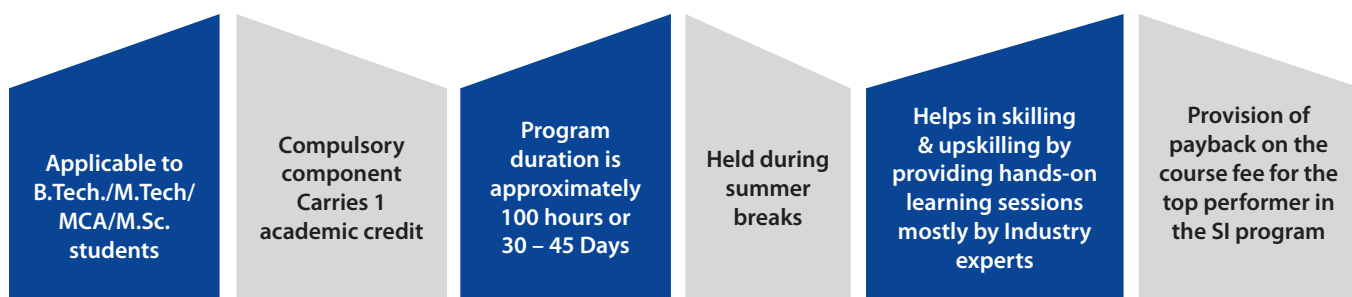


# Summer Internship (SI)

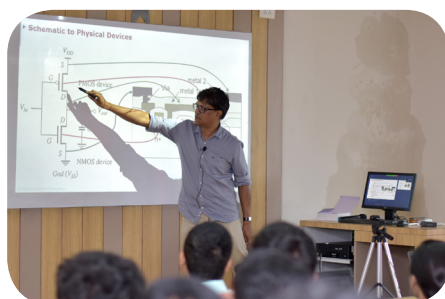
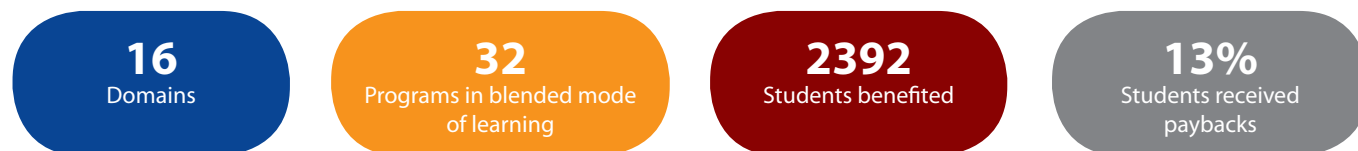
Summer Internship is one of the flagship programs of Silicon University. This program started in the year 2019. Every year the courses are conducted in the summer break by taking the support of Industry Experts either in physical mode or hybrid mode.

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

## SI Features



## SI 2025 Highlights



## SI Summary - Last Five Years

Year	No. of courses offered	No. of students registered
2021	27	1414
2022	25	1575
2023	33	1911
2024	36	2122
2025	32	2392

# 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.

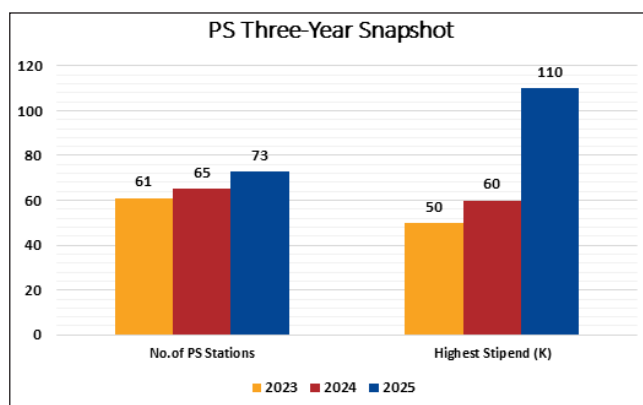
## PS Features



## 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 trends.



## PS Highlights

Key Statistics (2025 graduating batch)



Key Statistics (2024, 2023 & 2022 graduating batch)

Year	Student opted for PS	% Converted to Placement	PS Stations	Average Stipend	Highest Stipend	Average Package
2024	261	69	65	16K	60K	5.38 LPA
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.”



Note: Research and Publication data is as of 31 March 2026

“Silicon has received grants amounting to over **5.5 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 for undergraduate students.*

### 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 continues to be a preferred recruitment destination for leading national and global technology firms, innovative startups, IT service companies, and core sector organizations. SiliconTech has once again demonstrated consistent and impressive placement outcomes for the graduating Batch of 2025. 75% of eligible students have already secured placements in top-tier organizations across product development, startups, IT services, and core engineering sectors. 31% of students have received offers of ₹ 5 LPA and above. The highest salary package stands at an exceptional ₹ 30.3 LPA, offered by Amazon in 2025. Through our unique Practice School Program, 263 students secured internship opportunities with Monthly stipends ranged from ₹ 10,000 to ₹ 1,10,000, reflecting the quality and diversity of roles offered. An impressive 92% of interns received Pre-Placement Offers (PPOs) upon successful completion of their internships in the final semester. Apart from regular on-campus placements, students also choose other career paths such as higher studies, research fellowship, and entrepreneurship.

## B.Tech.

Key Statistics (2025 graduating batch)



Key Statistics (2024 graduating batch)



## MCA

Key Statistics (2025 graduating batch)



Key Statistics (2024 graduating batch)



## M.Sc. (Data Science)

Key Statistics (2025 graduating batch)



Key Statistics (2024 graduating batch)



# Our Recruiters (Last 3 Years)

## IT Services/Consulting/Product

8club	Centroxy	Gorango Solutions	Kaynes	PCON Utilities	SimplifyVMS
AABSYS IT	CGLIA	Haber	KFINTECH	Persistent	Spikewell
Accenture	Cognitive View	HCLTech	KREATIVAN	PixelCompute	Spotline
Acorn Globus	Cognizant	Headout	Kristellar Aerospace	Prodapt	Squbix
Aditi Consulting	Cozentus	Hexaware	LatentView Analytics	Prodesk	StackIt
Advanze Solutions	Credore	HP Labs	LIZMONTAGENS INDIA	PwC	StratLytics
Agile ICO	Curiflow	HSBC	Logistos	Quonscious	STL
Amazon	Datwa Labs	Hughes Systique	Logit One	Qvantel	Surya Digital
Anbrain Technology	DeepSource	i8CLOUD	LTIMindtree	RapidSoft	Surya Software
Ancrew Global Services	Deloitte	IBM	LTTS	Recruit CRM	TCS
ApMoSys	Digit Insurance	In2IT	MapmyIndia	Rhythm Innovations	Tech Mahindra
APPNAI	Digital Logiciel Solutions	Incture	Mckinley Rice	Ridik Consulting	TechnoShrine
Aptus Data Labs	DiracAI	Infosys	Mindfire	Rumango	Teleglobal International
Argusoft	EffIGO	Innotrat Labs	MindGraph	Runo	ValueLabs
Aurus Tech	ESSPL	Innova Solutions	Modak Analytics	Saddle Point	Wipro
BIPROS	Evolutionary Algorithms	Inofinity	Mosh10 Technology	Sanmina	Workz
Bounteous x Accolite	Eximietas	Inovaare	MQAS	SAP Labs	XCEL Corp
Bourntec	First American	Inspire Software	nexgAI	Sarth Offshore	Xzect Labs
Cadsys	Flipkart	Intellect Design	Nextcare.life	Sasken	Ziroh Labs
CAMS	FSS	Intellipaath	Nirmalya Labs	SDI- Deloitte Cybersecurity	
Capgemini	Genpact	JSW GBS	Nitor Infotech	SearchingYard	
CAW Studios	Glosity	Karya	nsIhub	Signicent	

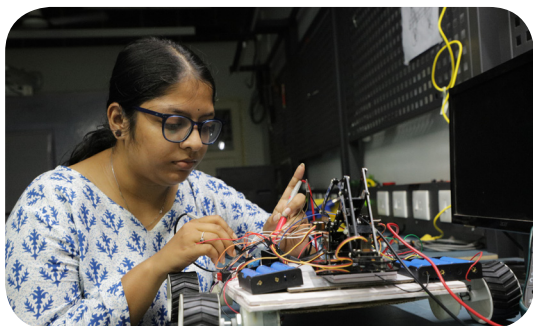
## Core/Manufacturing/VLSI/Media/Research/Insurance & Banking/Sales & Marketing

ARF Design	Core Research	Micron	Surya International
Argus News	CoreEL	Movidu Technologies	Synopsys
Asiczen	COSMOVOLT	MTE	Tata Power
ASIP Technologies	Cummins	ORISSA STEVEDORES LIMITED	TCE
Avaada	Edu-versity	PHYTEC	Tessolve
Axis Global Automation	Electroboltz	Polycab	upGrad
BAJAJ Electricals	HighRadius	RABINNSON Ventures	Vaaman Engineers
Beumer Group	Indus Towers	Rashmi Group	Vodafone Idea
Blaze Automation	Jakson	Rotodyne Engineering	Volkswagen
Blue Star	JSW	SAIL	VVDN
Brandshark	Kirloskar	Scaledge	Wilyfox Media Co.
British Telecom	Marquee Semiconductor	Sevya Multimedia	Xeedo
Continental	Mentor Graphics	SmartSoC	XIM (Research Project)

# Campus Life

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

The Silicon Student’s 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

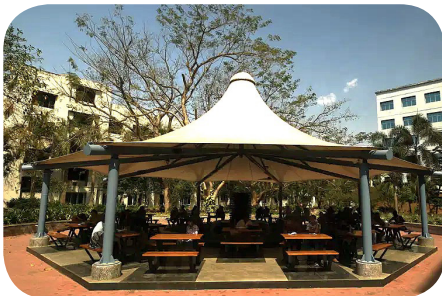


Research Center for building a thriving research community



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



**Lavkush Solanki**  
CSE, 2026  
Haber, 10.35 LPA



**Rahul Kumar Singh**  
CSE, 2026  
Haber, 10.35 LPA



**Rishu Kumar**  
CSE, 2026  
Haber, 10.35 LPA



**Sanjit Kumar Pradhan**  
M.Sc. (Data Science), 2026  
Tigerworld, 16.5 LPA



**Silu Muduli**  
MCA, 2026  
TCS, 7.11 LPA



**Sonali Sahoo**  
MCA, 2026  
TCS, 7.11 LPA



**Divya Swarup Mishra**  
ECE, 2025  
Synopsys, 15.12 LPA



**Richa Kumari**  
CSE, 2025  
Amazon, 30.3 LPA



**Smruti Sagarika Bardhan**  
ECE, 2025  
Micron, 14.5 LPA



**Spandan Kumar Dhal**  
EEE, 2025  
Micron, 14.5 LPA



**Jyotiraditya Bhoi**  
EIE, 2025  
Micron, 14.5 LPA



**Swati Nath**  
CSE, 2025  
PGP, IIM Visakhapatnam



**Putul Kumari**  
CSE, 2024  
Flipkart, 32.5 LPA



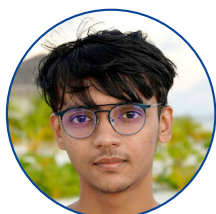
**Debanwita Mahato**  
CSE, 2024  
Headout, 20 LPA



**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



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



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



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

# Contact Us

**ADMISSIONS TEAM 2026-27**

## General Enquiry:

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## B.Tech. Programs:

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Mr. Gopal Chandra Sahoo (+91 9338525089)

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

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