Silicon
...beyond teaching

Information Brochure 2023-24

About Silicon West

Silicon Institute of Technology (known as Silicon West) was founded in 2009 in Sambalpur, Odisha. It is a recognized engineering institute in the state, which makes affordable, quality engineering education available for young people to succeed professionally. Students benefit from individualized attention, access to networks, resources, and opportunities to build their careers in technology.

VISION

To become a centre 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.

Approved by **AICTE**

Affiliated to **BPUT, Odisha**

Programs Offered

Undergraduate (B.Tech.) Programs

Specialization	Programs Offered	Intake		
		Regular	Regular (TFW*)	Lateral
Electrical Sciences	B.Tech. Electronics & Communication Engineering (ECE)	30	0	3
	B.Tech. Electrical Engineering (EE)	60	3	6
Computer Sciences	B.Tech. Computer Science & Engineering (CSE)	60	3	6
Mechanical Sciences	B.Tech. Mechanical Engineering (ME)	30	0	3
Civil Sciences	B.Tech. Civil Engineering (CE)	30	0	3

TFW – Tuition Fee Waiver
B.Tech. students have the option to change their branches at the end of 1st year, based on merit, preference, and academic rules.

Admissions

Undergraduate (B.Tech.) Admissions

Programs	Eligibility	Qualifying Exam	Selection Process	Spot Admission
B. Tech. Regular Admissions	10+2 (Science) with minimum aggregate of 45% in Mathematics, Physics & Chemistry	JEE Mains 2023	OJEE e-counselling	Students who have not participated in first round of OJEE counselling can participate in institute level (spot) admissions, based on JEE Main entrance rank for regular admissions and OJEE entrance rank for lateral entrants. Admissions will be on a first-cum-first serve basis subject to vacancy of seats and as per guidelines of Government of Odisha.
B. Tech. Lateral Entry Admissions	B. Sc./ Diploma in Engineering of respective branches	OJEE 2023	OJEE e-counselling	

Cost of Study

The cost of studying at Silicon West varies between INR 1,15,000 - INR 2,00,000 per annum, where the tuition fee is INR 1,15,000 irrespective of any branch of study.

The final study cost depends on
• Day-scholar or Hostelite
• AC or non-AC residence chosen, if hostelite

Financial Support

Representatives of various banks shall be present in the campus for loan purposes on the day of orientation.

Registration for Admission - 2023

• Register by filling up the online application at https://erp.silicon.ac.in/onlineadmission/register.php
• The institute can interact with the students and guide/assist them in the admission process.

Curriculum

We follow the standard curriculum prescribed by the Biju Patnaik University of Technology (BPUT), Odisha. The highlights are as follows.

- **Academics** – The program structure for all undergraduate disciplines comprises Common courses, Compulsory disciplinary courses, Laboratory courses and Elective courses.

- **Internship/Major Project** – It is an integral part of the academic curriculum for 6 credits. During the 8th semester of B.Tech., students need to either opt for internship training in an industrial work environment or carry out a major research project. In addition, students during their second and third year of engineering need to complete at least 2 summer internship programs with minimum 30 days duration.

Internship Features

Applicable only to final year B.Tech. students of all branches	**An optional component of B.Tech. curriculum**	**Carries 6 academic credits**	**Course duration is approximately six months/one semester**	**Can be opted during 8th semester (Jan to Jun)**	**Supported by monthly stipend up to INR 25,000**

Entrepreneurship

The Entrepreneurship Development Cell (ED Cell) at Silicon West takes care of the entrepreneurial potential of students by facilitating national exposure and platforms through the following initiatives.

Expert talks on entrepreneurship	Entrepreneurship development programs and camps	Participation in conclaves for pitching innovative ideas

Research & Consultancy

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

65% of our faculty have completed their Ph.D.

98	**31**	**57**	**11**
Total Journals	SCI/ Scopus Indexed journals	Conference proceedings	Books / Book chapters

Placement Highlights

- Silicon West has a longstanding placement record and corporate acceptance.
- More than 80% of the students get placed every year.
- Majority of our final-year students get intern-to-job offers, where they do internship in their final semester with monthly stipend up to INR 25K.
- Top companies in product development, start-ups, IT services and core sector from diverse fields recruit Silicon West students.

B.Tech. ▪ **Key Statistics** *(2023 graduating batch as on 30 April 2023*)*

88%	**70**	**4.83 LPA**	**9.21 LPA**
Students Placed	Companies Participated	Average Package	Highest Package

*Placement is continuing

B.Tech. ▪ **Key Statistics** *(2022 graduating batch)*

87%	**50**	**4.28 LPA**	**7.5 LPA**
Students Placed	Companies Participated	Average Package	Highest Package

Our Recruiters (Last Three Years)

IT Product / Consulting			VLSI / Core Manufacturing / Media/Research / Insurance & Banking / Sales & Marketing	
Abzooba	Genpact	Prodapt	Asiczen Technologies	Machphy Solutions
Accenture	HCL	Quest Global	Blue Star	Medha Sevo Drives
Accolite Digital	Hexaware	Rapidsoft	Byjus	Milekal
AcesoCloud	Hughes Systique	Recruit CRM	CoreEL Technologies	Nexus Online Solutions
Aditi Consulting	IBM	Rumango	Digit General Insurance	Open-Silicon
Amazon	Incture	Sanmina	Indian Oiltanking	Pentair
Aptus Data Labs	Infosys	SAP Labs	Indigo Paints	PerfectVIPs
Argusoft	Innova Solutions	Searching Yard	Indo-MIM	Phoenix Software
Atmecs	Intellipaat	Spikewell	Infogain	Phytec
Capgemini	INVINCIX	STL	JSW	Synopsys
Centroxy	iServeU	Subex	Kellton Tech	Tata Power
Cognizant	ITC infotech	Surya Software	Lok Vinayak Infrastructure	VVDN
Cozentus	LatentView	TCS		
CSM	LTTS	Tech Mahindra		
CSS Corp	Mavenir	Tetrasoft		
DeltaX	Maventic	upGrad		
DXC	Mindfire	ValueLabs		
Edwiaor	MindGraph	Wipro		
ESSPL	Mindtree	Xoriant		
First American	Nagarro	Zensar		
FSS	Nirmalya Labs			

Campus Life

The Silicon Students Council comprising 18 members elected / nominated every year ensures students' involvement in academic, professional, and personal development and builds student leadership. Silicon West hosts two popular events every year – Techstasy, the technical fest, and Zreyas, the cultural fest.

Technology Clubs: Codigo Plataforma, Robotics Club

Social and Cultural Clubs: Social Media Cell, Literary Club, Campus Co-ordination Committee

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

Learning Society: ISTE

Facilities

Spacious Classrooms with audio-visual facility

Well-equipped laboratories

A 200-seater auditorium

Basketball Court

- Video Conferencing enabled Training Hall
- Seminar Hall
- Central Library
- Well-equipped gym

- **Sports Facilities:** Cricket pitch, Football ground, Basketball / Volleyball / Badminton & Table Tennis Court

- **Residences (Hostels):**
  - 1 boys' residence with a capacity of 500
  - 1 girls' residence with a capacity of 400
  - Each resident is provided with a bed, table, chair, wardrobe, new mattress & pillow
  - AC rooms are also available
  - Most of the rooms are on sharing basis (3 seaters) only

- **Medical Facilities:**
  24 x 7 ambulance facility available for any emergency

- **Transport Facilities:**
  Available at no additional cost

Best Offers

Abhishek Kumar Rabidas
CSE, 2023
Synergy Labs, 9.21 LPA

Aniket Shukla
ECE, 2023
Synopsys, 8.38 LPA

Kiran Jyoti Pujari
ECE, 2023
Synopsys, 8.38 LPA

Siddharth Priyadarshi
CSE, 2023
Prodapt, 8 LPA

Harshit Kumar Gupta
CSE, 2022
Capgemini, 7.5 LPA

Prachi Jaiswal
CSE, 2022
Capgemini, 7.5 LPA

Anmol Dubey
CSE, 2022
Capgemini, 7.5 LPA

Shubham Kumar
CSE, 2021
Amazon, 35 LPA

Manglesh Kumar Ranjan
CSE, 2021
TCS Digital, 7 LPA

Ankur Raj
CSE, 2020
Spikewell, 6 LPA

Best Career Advancements

Manglesh Kumar Ranjan
CSE, 2021
MBA, IIM Sambalpur

Sanskriti Purayar
CSE, 2020
PGP, IIM Shillong

Ankur Raj
CSE, 2020
PGP, IIM Kozhikode

Suraj Prasad
ME, 2020
M. Tech., IIT Patna

S. K. Rajeswari
ME, 2016
MS in Business Analytics,
University of Liverpool, UK

Abhilash Jha
ECE, 2016
MS in Business Analytics,
University of Exeter, UK

Mihir Jha
EE, 2015
MBA, Schulich School of
Business, Canada

Sambit Satpathy
ECE, 2013
Ph.D., NIT, Agartala

Ranjit Kumar Dehury
ME, 2013
Ph.D., IIT Gandhinagar

Navneet Kumar Suman
ME, 2013
Ph.D., Jamia Millia Islamia,
New Delhi

Why join Silicon West?

- A leading technological institute in Odisha since 2009
- Distinguished faculty members having Ph.D. with extensive research experience
- Good placement record
- Strong and active alumni network in India and abroad
- Enriched Industry-Institute interface
- Vibrant campus life
- Vibrant learning clubs

Contact Us

ADMISSIONS TEAM 2023 – 24

Sambalpur Campus | admission.sbp@silicon.ac.in

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