

EDITORIAL

Greetings from Silicon!

Preparing the Next Generation for a Changing Energy World...

The world today is facing many uncertainties. Ongoing conflicts in West Asia have disturbed energy supply, caused fluctuations in oil and gas prices, and increased costs across economies. These effects are felt globally, including in India, where industries and jobs depend heavily on energy availability. For young people, especially students entering professional fields, this situation brings both challenges and opportunities.

One major challenge is adapting to a changing economic environment. Rising energy costs are affecting industries like manufacturing, transport, and infrastructure. As a result, job roles and skill requirements are also changing.

Students now need more than just technical knowledge—they must be flexible, think broadly, and understand how global events affect local systems.

At the same time, this shift is creating new opportunities. The world is moving away from fossil fuels and towards renewable energy sources like solar, wind, and green hydrogen. Along with this, energy efficiency and smart technologies are becoming important in every sector.

Institutions like Silicon University have an important role in preparing students for this future. By promoting practical learning, interdisciplinary knowledge, and awareness about energy efficiency, we can help students build the right skills. Understanding how to both produce and save energy will be essential.

Although the global situation is uncertain, it also opens doors for innovation and leadership. With the right skills and mindset, students can help create a more sustainable and energy-secure future.



Dr. Ramaprasad Panda

Dean (Student Affairs), Silicon University



Silicon University receives Scientific and Industrial Research Organization (SIRO) status by the Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Government of India

Silicon University has achieved a significant milestone for being recognized as a Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Government of India. Conferred for the period from 20 January 2026 to 31 March 2028, this prestigious recognition underscores the university's growing stature as a credible centre for scientific research and innovation.

The SIRO status positions Silicon University as a nationally recognized research and development (R&D) institution, enabling it to work on sponsored research projects from government agencies, public sector undertakings, and industry partners. With this recognition, the university is well-placed to expand collaborations with national laboratories, leading academic institutions, and industrial organizations. These partnerships will promote joint research initiatives, technology development, and knowledge exchange, driving innovation across disciplines and contributing to solutions for contemporary societal and industrial challenges.

Furthermore, the SIRO recognition will support the enhancement of research infrastructure and promote a strong culture of innovation on campus. It is expected to significantly improve research outcomes, including high-quality publications, patents, and externally funded projects. This milestone marks an important step in Silicon University's journey toward becoming a leading research-driven institution, contributing meaningfully to India's scientific and technological advancement.



National Workshop on Optimization Methods

SiliconTech hosted a national workshop on Optimization Methods from 26 December 2025 to 3 January 2026, organized by the Departments of Computer Science and Engineering (CSE) and Computer Applications. The workshop aimed to provide participants with a strong theoretical foundation and practical experience in classical and modern optimization techniques applicable to computer science, engineering, data science, and operations research. Dr. Saroj Kanta Misra, Professor of Mathematics at SiliconTech, guided attendees through methods ranging from Linear Programming to Evolutionary Algorithms and Swarm Intelligence, bridging theory with real-world applications.



NES 2026

The Department of Electronics Engineering at SiliconTech organized the 7th VLSI summit, Nanotechnology and Embedded Systems (NES 2026), on 30 and 31 January 2026, in collaboration with the VLSI Society of India and Sevyam Multimedia. NES 2026 aimed to bridge academia and industry, enhance technical skills, and strengthen career readiness for students and faculty. The two-day summit featured keynote lectures, panel discussions, invited talks, and hands-on workshops on CMOS design, DRAM engineering, CAD automation, and RTL-to-GDS workflows. The event fostered applied learning, industry engagement, and faculty development, reinforcing the university's leadership in VLSI and embedded systems education.



IGNITIA 2026

The Institute of Electrical and Electronics Engineers (IEEE) Student Branch, in association with the IEEE Power & Energy Society (PES), IEEE Technical Education Committee (TEC), IEEE Microwave Theory and Techniques Society (MTT-S), IEEE Computational Intelligence Society (CIS), the Indian Society for Technical Education (ISTE) Student Chapter, and the Silicon Innovation & Promotion Cell (SIPC) organized IGNITIA 2026, on 27 and 28 March 2026. The fest featured technical paper presentations, quizzes, and a CODM LAN tournament. Eminent guests included Shri Pradyut Mohan Dash, CTO, CSM Technologies, Shri Subir Kumar Mitra, Former Executive Director, NABARD, and Prof. Ashok Kumar Tripathy, Advisor, IEEE Bhubaneswar Section and Former Director General, CPRI.



Workshop on Electrical and Electronic Devices

The Department of Electrical and Electronics Engineering (EEE) at SiliconTech organized its annual Electrical and Electronics Devices (EED) Workshop on 14 February 2026, aiming to foster experiential learning, innovation, and practical application of theoretical concepts. The workshop involved 6th-semester students designing, fabricating, and demonstrating electrical and electronic devices, while 4th semester students participated in a quiz session. Mr. Mrutyunjay Biswal, Deputy General Manager, Odisha Power Transmission Corporation (OPTCL), served as the resource person. The winners of the quiz and the device competition conducted were awarded prizes for their exemplary performances.



Vibe Coding 2026 – A Computational Hack Sprint

The Departments of Computer Science and Engineering (CSE) and Computer Applications at SiliconTech, in collaboration with the IEEE student branch, organized the inter-college event Vibe Coding 2026 – A Computational Hack Sprint on 31 January 2026, aimed at fostering problem-solving, algorithmic thinking, and collaborative innovation among students. Participants tackled real-time, industry-relevant challenges, enhancing coding proficiency, and time management skills. The competition was evaluated by industry experts Satya Prasad Moharana, Cloud Solutions Architect at TCS, Switzerland, and Sanjaya Panigrahy, Assistant Vice-President at Genpact, Bengaluru. Winners were felicitated by Prof. Pradipta Kumar Mohapatra, Registrar of Silicon University.



Dev Express

The Google Developer Groups on Campus (GDG) of SiliconTech organized Dev Express from 30 January to 14 February 2026. The event aimed to bridge the gap between theoretical knowledge and practical application, promote project-based learning, and foster a builder mindset among students. Through conceptual sessions and hands-on workshops, participants explored AI/ML, Web Development, App Development, Game Development, and Cybersecurity. Around 50–60 students developed real-world projects under the guidance of mentors Mrityunjay Sahoo, Aditya Sharma, Aditya Kumar Singh, and Ishaan Sinha. The event concluded with a vote of thanks.



8th edition of Model United Nations (SUMUN 2026)

The Meta Academics Cell hosted the 8th edition of Silicon University Model United Nations (SUMUN 2026) from 6 to 8 February 2026, with over 150 delegates participating in United Nations Human Rights Council (UNHRC), United Nations General Assembly Disarmament and International Security Committee (UNGA DISEC), All India Political Parties Meet (AIPPM), and International Press committees. The event was inaugurated by Chief Guest Former Brigadier Antaryami Pradhan, a Kargil War veteran and strategic defence expert, who highlighted the role of disciplined leadership in global diplomacy. The outstanding performers of SUMUN 2026 were recognized with prizes and accolades.



'Inquizia 2026', a series of quiz competitions

The Silicon Quiz Club organized 'Inquizia 2026' on 9 and 10 January 2026, offering a dynamic platform for curiosity, critical thinking, and collaborative learning. The event featured quizzes on Indian culture, sports, technology, and entertainment, including the India Quiz, Sports & Tech Quiz, Aurabinda Misra Memorial Quiz, and Stranger Things-themed Quiz, attracting over 55 teams from schools and colleges. Winners included Mukti Swaroop Pradhan and Ronisha Das (India Quiz), Sanyog Sinha Mahapatra and Shubhrajit Bhattacharya (Sports & Tech Quiz), Siddharth Sankar Rout and Prateek Mohanty (Aurabinda Misra Memorial Quiz), and Sanjeeb Sahu and Preet Agarwal (Stranger Things Quiz).



77th Republic Day

India celebrated its 77th Republic Day on 26 January 2026, and SiliconTech marked the occasion with campus celebrations led by the National Service Scheme (NSS) unit. The event began with a flag hoisting ceremony and the national anthem, followed by the Tiranga Yatra, a patriotic procession involving faculty, staff, and students holding the national flag and chanting slogans. The initiative aimed to promote patriotism, national unity, and social responsibility, reflecting the NSS motto 'Not Me, But You.' The event inspired students to uphold constitutional values, engage in nation-building, and concluded with a vote of thanks, leaving a lasting impression of civic awareness and pride.



National Youth Day

SiliconTech celebrated National Youth Day on 12 January 2026 to honor the birth anniversary of Swami Vivekananda, inspiring students with his teachings. The celebration aimed to promote leadership, creativity, cultural awareness, patriotism, and social responsibility among youth. Programs included a youth pledge ceremony, youth parliament, debate and speech competitions, and creative poster displays, along with music, dance, and skits. With enthusiastic participation from students, faculty, and staff, the event fostered democratic values, communication skills, critical thinking, and national pride, motivating students to embody Vivekananda's ideals and contribute meaningfully to nation-building.



International Women's Day 2026

The SAGE-W cell at SiliconTech celebrated International Women's Day on 9 March 2026. Ms. Nilanjana Mukherji, Managing Director, Padmini Care Hospital, in her keynote address emphasized moving from appreciation to access and highlighted recovery as essential for personal and professional growth. The panel discussion was moderated by Ms. Anoushka Parija, alumna of Miranda House, Delhi University, and featured Dr. Sohini Mahapatra, Assistant Professor of Law, National Law University Odisha, Ms. Ipsita Pahi, Assistant Professor, Silicon University, and Ms. Nilanjana Mukherji covering issues like Pink Tax, Design Tax, work life balance, and societal conditioning. The winners of various competitions were felicitated for their outstanding performances.



'URVION 2026', an awareness program

The Eco-Social Club at SiliconTech organized 'URVION 2026' on 16 and 17 January 2026, a two-day awareness program promoting environmental consciousness, innovation, and problem-solving. Inaugurated by Mr. Santosh Dev Thakur, CEO of Campus View, Prof. Pradipta Kumar Mohapatra, Registrar, and Dr. Biswajit Baral, Faculty-In-Charge, Silicon Student's Council, the event featured three major competitions—War for Survival, EcoHack, and Green Ideathon. With 434 participants from multiple colleges, teams developed sustainable solutions, showcased strategic thinking, and presented innovative ideas. Winners included Team Aryabhata (War for Survival), Team Timeless (EcoHack), and Team Eco Vengers (Green Ideathon), while runners-up were Team Nature Shield, Team Byte Empires, and Team Limits.



Zygon X Noesis 2026

The Silicon Student's Council (SSC) organized Zygon X Noesis 2026 on 20 & 21 February 2026, featuring technical, cultural, and creative competitions to foster innovation, teamwork, and leadership. Events included murder mystery, PCB designing, BGMI, valorant, trinity debate, battle of bands, and face painting, along with musical and dance performances, a ramp show titled walk in elegance, and the Odyssey Cup. With 896 participants (792 internal, 104 external) from over 20 institutions including KIIT, ITER, NIT Rourkela, OUTR, and CV Raman Global University, the fest successfully promoted experiential learning, collaboration, and student creativity. The Odyssey Cup was won by the students of the 2027 graduating batch.



Dubverse

The Cinemax team of SiliconTech organized Dubverse on 17 January 2026. The event aimed to give students an understanding of the art and craft of voice dubbing, highlighting how voice, emotion, and timing enhance storytelling. The cast and crew of the movie 'Mahavatar Narasimha' shared their experiences, demonstrated dubbing techniques, and guided students in live exercises. A total of fifty students participated in the event to gain practical insights into dubbing. The session concluded with a vote of thanks acknowledging the efforts of the artists and organizers.



Kalpdrishya 2026

The Social Media Cell of SiliconTech organized Kalpdrishya 2026 on 21 March 2026, a 72-hour inter-college short film-making challenge. The event aimed to foster creativity, teamwork, and practical filmmaking skills under real-world production pressures. Participants developed films from concept to final edit, including poster design, based on themes revealed at midnight on 17 March. Around 80 students competed, submitting structured project folders for evaluation by judges Mr. Mayur Mahapatra and Mr. Swastik Dash. Team Gawaar Production won, Team Poribar Production was runner-up, and Sloth Films placed second.



Silicon Cup 2026

SiliconTech hosted Silicon Cup 2026 from 4 to 6 February 2026, aiming to promote sports, leadership, resilience, and teamwork among students while encouraging holistic development. Organized by the Sports Cell, the three-day tournament featured basketball, volleyball, football, kabaddi, badminton, chess, and table tennis, with matches held across multiple venues. KIIT University won men's basketball, Sri Sri University won women's basketball and volleyball, Silicon University claimed football and kabaddi, and champions in badminton, chess, and table tennis included SOA University, BJB Autonomous College, and DRIEMS University. The event concluded with prize distribution, respectively skill, sportsmanship, and collaboration.



An awareness session on Corporate NPS

The Staff Welfare Committee (SWC) of SiliconTech organized an awareness session on Corporate National Pension System (NPS) on 14 February 2026 to familiarize staff with the National Pension System, its structure, key benefits, and enrolment process, while providing guidance on managing Tier I and Tier II accounts. Ms. Neelam Roy Bhattacharya, Associate Regional Head, Retirement and Pension, HDFC Life, conducted the session covering Pension Fund Regulatory and Development Authority (PFRDA) updates, Point of Presence (POP) charges, investment options, and tax benefits. Fifty-six participants engaged actively, with six NPS accounts opened during the session.



Annual Staff Award Function 2026

The Staff Welfare Committee (SWC) of SiliconTech, organized the annual Staff Award Function on 14 March 2026, bringing together staff members and their families to celebrate achievements across research, teaching, sports, and long-standing service. The event aimed to recognize excellence, foster team spirit, and promote a vibrant workplace culture through awards, cultural performances, and interactive activities. Ceremonial lamp lighting, presentations of past events, and honours including Best Researcher, Best Faculty Advisor, and Long Service Awards were part of the program. The award function was attended by 500 persons including staff and their families.



Annual Staff Athletic Meet 2026

The Staff Welfare Committee at SiliconTech organized the Annual Staff Athletic Meet on 10 January 2026, promoting physical fitness, teamwork, and camaraderie among staff members. Inaugurated by Dr. Saroj Kanta Misra, Advisor, and Dr. Ramaprasad Panda, Dean of Student Affairs, the event featured races, shot put, discus throw, balance races, tug of war, and musical chairs, encouraging both individual skill and collective spirit. With seventy participants, the meet concluded with a prize distribution ceremony recognizing winners for their performance and sportsmanship, creating a fun, inclusive, and engaging platform that strengthened well-being and workplace community.



Staff Premier League

SiliconTech hosted a sporting extravaganza from 8 December 2025 to 9 January 2026, featuring the Staff Premiere League (SPL) Cricket Tournament and Staff Champions League (SCL) Volleyball Tournament. Aimed at fostering camaraderie, wellness, and community action, these events encouraged healthy competition, teamwork, and active participation. With six cricket teams and four volleyball teams, the tournaments showcased skill, strategy, and dedication, culminating in victories for the Kalinga Knight Riders and Kalinga Smashers. Beyond wins, the leagues celebrated unity, engagement, and the joy of sports, enriching campus life with lasting memories.

Scopus/SCI indexed journals: 14

Conference Proceedings: 4

Book Chapters: 1

Patents: 1

A Differential Evolution-Based Optimized Ensemble for Balanced and Imbalanced Medical Datasets

Class imbalance is a frequent and severe problem in medical data sets, where the instances from the minority class are usually high-risk or case of disease-positive. Most traditional classifiers suffer from a biasness towards the majority class, resulting in a poor detection rate of the minority class and, therefore, decreased confidence in prediction systems in medical applications. In this paper, we present an optimized ensemble by differential evolution (OEDE), a novel ensemble learning framework to address the problem. OEDE harmonizes three dissimilar base learners (Logistic Regression, Random Forest, and XGBoost), and trains each of them by using class-balancing techniques. The model next utilizes Differential Evolution (DE) to discover the most appropriate ensemble weights, to maximize the area under the Receiver Operating Characteristic (ROC) curve (AUC) on a validation dataset.

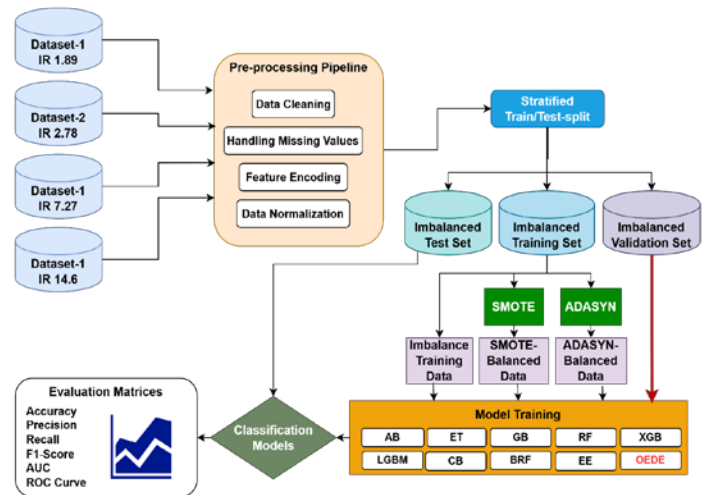


Figure 1: Proposed Methodology

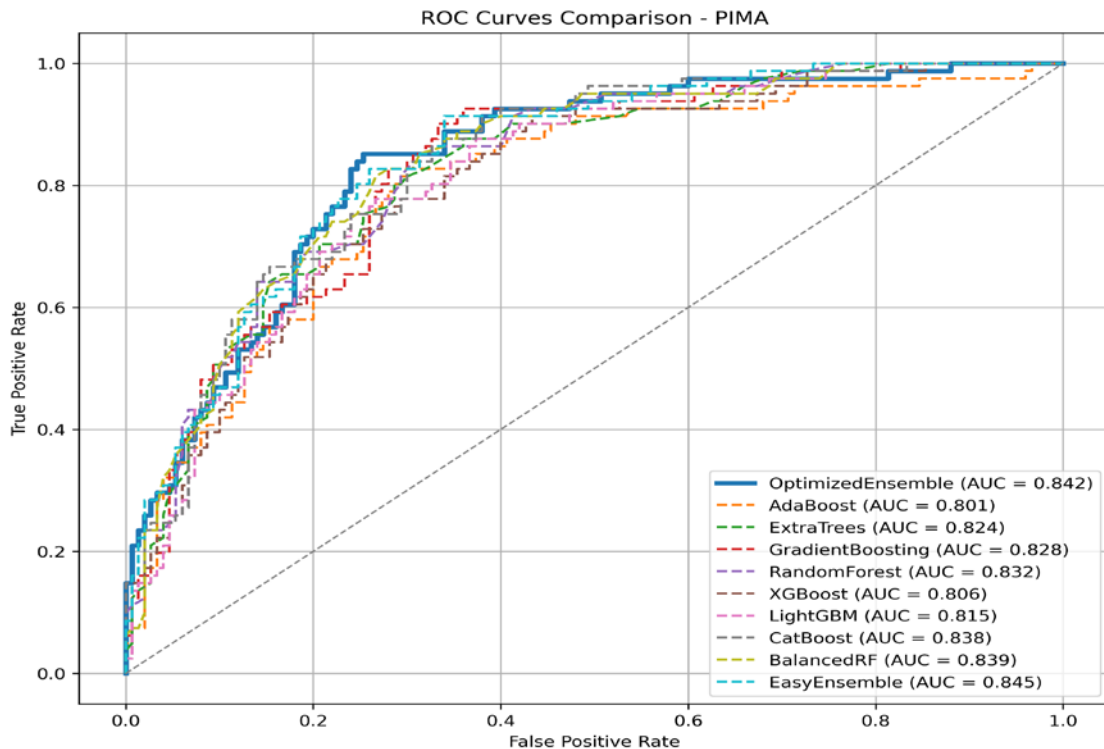


Figure 2: ROC plots of all the models on Pima Indiana Diabetes Dataset

We conducted experiments on four real-world medical datasets, whose imbalance ratios vary from 1.89 to 14.6, using OEDE in original, SMOTE, and ADASYN balanced conditions. Results indicate that the proposed OEDE consistently outperforms or is competitive with the traditional ensemble models in the AUC, F1-score, and Recall. The ROC curve analysis also approved the superior discriminative capacities of OEDE, which indicates OEDE as a strong and flexible model for healthcare risk prediction tasks where minority class groups need to be well identified.

This research is being conducted by Dr. Samaleswari Prasad Nayak, Senior Assistant Professor, Department of Computer Science and Engineering.

EMPLOYEES IN NEWS



Best Researcher and **Best Faculty Advisor of 2026** words were conferred at the Staff Award Function organized on 14 March 2026.

Best Faculty Advisor



Dr. Arnab Pal
Assistant Professor, EEE



Dr. Pragyan Paramita Das
Assistant Professor, CSE



Prof. Gyana Ranjan Biswal
Assistant Professor, EEE



Prof. Laxmi Narayan Pathy
Senior Assistant Professor, EEE



Prof. Surajit Das
Assistant Professor, CSE



Prof. Sharmistha Puhan
Assistant Professor, CSE

Best Researcher



Dr. Ambarish Gajendra Mohapatra
Associate Professor, ECE



Dr. Anita Mohanty
Associate Professor, ECE



Dr. Arnab Pal
Assistant Professor, EEE

STUDENT ACHIEVERS

GATE 2026



Harsh Prasad
CST, 2022-2026
AIR- 438



Bikash Kumar Giri
CSE, 2023-2027
AIR- 949



Aplit Pritam Mohapatra
CSE, 2023-2027
AIR- 1109



Yuvraj Biswal from B.Tech. CEN 2027 graduating batch secures an employment offer from Dognosis with a package of 28 LPA

Yuvraj Biswal, currently in his third year of B.Tech. Computer Engineering (CEN), has secured an employment offer from Dognosis, a pioneering startup focused on canine behaviour analysis using neuroscience and AI. Prior to this, he worked as an intern with the organization, where he received a stipend of ₹1.2 lakh per month. At Dognosis, he will contribute to the development of backend APIs and micro services, playing a key role in building scalable systems for real-time processing of multimodal data such as video, EEG, and sensor inputs, reflecting his strong technical capabilities and potential.



Omm Narayan Sethi from B.Tech. CEN 2027 graduating batch gets an internship at Kognexus with 15 LPA

Omm Narayan Sethi, a B.Tech. Computer Engineering (CEN) student from the 2027 batch, has secured an international robotics engineering internship with Kognexus in Munich under the DLR Graduation Program. The role offers a compensation equivalent to 15 LPA, where he will work on robotics system architecture, embedded control software, and advanced robotic engineering solutions. In his 2nd semester, he completed a remote internship with Boston Dynamics (USA), working on robotics actuator design and control systems. In the 4th semester, he interned at AMD Bengaluru as an Advanced System PCB Design Intern with a CTC of 5.2 LPA. Continuing his industry journey, he later joined TechyGuide OPC Pvt. Ltd. in robotics training and R&D with a package of 5.4 LPA.



Satyabrata Das from B.Tech. CST 2026 graduating batch gets placed at TCS (Prime Role) with 9 LPA

Satyabrata Das, a B.Tech. Computer Science and Technology (CST) student from the 2026 graduating batch, has developed strong technical skills in cybersecurity, particularly in web penetration testing and reverse engineering, through academic learning and hands-on practice. During his time at Silicon University, he strengthened his understanding of system security, vulnerability analysis, and problem-solving by actively exploring real-world security concepts and tools. With this foundation, he has secured an opportunity at TCS with a package of 9 LPA, where he looks forward to contributing to impactful projects while continuing to expand his expertise in the cybersecurity domain.

Practice School (PS) Selectees from 8th Semester B.Tech. graduating batch of 2026

Naada Technologies@45K



Tanushree Tripathy
CEN, 2022-26

MyComplianceOffice (MCO)@30K



Darshan Mishra
CSE, 2022-26

AntBox@25K



Ananya Hota
EIE, 2022-26

MosChip @25K



Preeti Pragnya Samantaray
ECE, 2022-26

TWM Films@25K



Rohit Sahoo
EEE, 2022-26

PCON Utilities @22K



Arpita Shekhar
CEN, 2022-26



Sheela Nayak
CST, 2022-26



Bidisha Sonusaumya
ECE, 2022-26



Prachi Vishwakarma
ECE, 2022-26



Pratyusha P. Sahoo
ECE, 2022-26



Samridhi Patnaik
ECE, 2022-26



Jyoti Ranjan Pahi
CSE, 2022-26



Monalisha Mohanty
CSE, 2022-26



Devans Mishra
EEE, 2022-26



Sudeshna Nayak
EEE, 2022-26



Rojalin Samal
EIE, 2022-26



Sai Shrutee Mohanty
ECE, 2022-26



Dharitri Pradhan
CST, 2022-26



Vivek Kumar Jena
CST, 2022-26



Amarjeet Sahoo
CSE, 2022-26

PLACEMENT AND INDUSTRY ENGAGEMENT HIGHLIGHTS

The Industry Interface Cell (II Cell) at SiliconTech continues to strengthen placement outcomes for the 2026 graduating batch. Over 60 companies have visited the campus so far, including 15+ companies in this quarter and generating 147 unique offers. More than 61% of eligible students are placed with salary packages ranging from ₹3.6 to ₹16.5 LPA.

- 400+ unique job offers have been generated by the end of this quarter
- More than 21% of the placed students have received an offer greater than or equal to 5 LPA
- More than 12% of the placed students have receive offer in the core domain
- Highest package till date is 16.5 LPA offered by Tigerworld Technologies



Major recruiting companies in this quarter include:

- AntBox
- Blaze Automation
- Capgemini
- Cognitive View
- CredResolve
- Eldridge Morgan
- EPAM
- Evolutionary Algorithms
- HCLTech
- Jakson
- JKR CONSULTING & SERVICES
- LIZMONTAGENS INDIA
- LTIMindtree
- PCON Utilities
- Polycab
- TCS
- Thermax
- VVDN

Practice School (PS) Highlights – Graduating Batch of 2026 (8th Semester)

Selected students have joined their respective practice school stations from the beginning of 8th semester. Most of the PS students are expected to receive the pre-placement offers (PPOs) upon completion of their internship under PS program by the end of the 8th semester.

319 Students opted for PS	78 PS stations	16K Average stipend	45K Highest stipend by Naada Technologies
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Top Companies Offering PS Programs (8th Semester)

AntBox, Aptus Data Labs, Athrv Cloud, BIPROS, Atomorph, COSMOVOLT, CRM Landing, CSM Technologies, Deloitte, Delphi-TVS Technologies, GyanSys, i8CLOUD, Inovaare, Jakson, Logile, Micron, Mindfire, Naada Technologies, PCON Utilities, ProcMart, PwC, Rumango, Sevya Multimedia, Spikewell, Tchrays Labs, TPCODL, VLSIPro Technologies, ZeonAI

II CELL ACTIVITIES & ON-THE-JOB SKILLING PROGRAMS

Skill Development Institute (SDI) - As a part of the on job skilling, 18 students from 2026 batch are undergoing a 6-month Cybersecurity upskilling program at SDI, Bhubaneswar under the 8th semester PS program. They will join Deloitte, India after successful completion of the internship. Apart from that another 9 students are undergoing 6-months Internship in Industrial Automation by Schneider also at SDI BBSR campus.



Skyline Institute of Geoinformatics - 28 students from 2026 batch are being trained in Geospatial training by Skyline Institute, Bhubaneswar to gain knowledge of advanced concepts, tools, and techniques related to remote sensing, digital photogrammetry, LiDAR, GPS, Drone, and WebGIS. After successfully completion of training, they will get the opportunity to get offer from companies operating in GIS Technologies.



Soft Skill Training – As a part of Pre-Placement Training, II Cell has started Soft Skills Training for the 2027 graduating batch from 14 March 2026. The sessions are conducted by an experienced resource person to enhance students' communication skills, provide exposure to group discussions, and guide them in resume preparation for upcoming placement drives. These sessions will be held every Saturday in physical mode and are expected to help students to build confidence and improve their performance during placement interviews.



Boot Camp on VLSI by Sevy experts – A three days VLSI bootcamp was conducted starting from 14 March 2026 on alternate Saturdays by experts from Sevy. This bootcamp provided an enriching technical experience on CMOS VLSI, Standard Cell Library Development, and SRAM Design for students interested in Very Large-Scale Integration (VLSI) technologies. 53 students from 2027 batch have registered themselves for this bootcamp and by the end of this program participants will get knowledge on SRAM circuit design to understand how individual components integrate into circuits, and how circuits scale into complete systems.



IBM & Nasscom Workshop - 370 students attended the one-day AI workshop conducted by IBM in collaboration with Nasscom on 14 March 2026 which focused on equipping participants with essential AI skills relevant to modern technological advancements. This workshop provided students with an introduction to artificial intelligence concepts, industry trends, and practical applications. Trainers and experts from IBM and Nasscom delivered sessions covering machine learning fundamentals, data processing, model training, and deployment strategies used in the industry. The students got an understanding of the role of AI in sectors such as healthcare, automation, cybersecurity, and business intelligence.



Campus Interaction with Alumni - Gourav Modi (CTO, PixelCompute) - Mr. Gourav Modi, a pride alumnus of SiliconTech from the 2014 graduating batch, currently serves as the Chief Technology Officer at PixelCompute. Gourav's journey from Silicon to leading technology initiatives for global clients, including work for a Fortune 50 organization, reflects the strong foundation nurtured at Silicon. On 25 February 2026, he addressed 300+ CSE 2027 batch students, sharing insights on industry expectations and opportunities at PixelCompute, including its 3-month paid Internship + PPO program designed to offer real-world exposure, strong mentorship, and a pathway to full-time roles at PixelCompute. The session focused on guiding students and fostering a long-term collaboration with the university.



Visit to Infosys DC to Embark on the HackWithInfy 2026 Journey – Infosys has conducted a One-Day Connect Program designed exclusively for Training & Placement Officers (TPOs) on 7 February 2026 with the partnered colleges at their Delivery Centre (DC) office in Bhubaneswar. This program marks the first step in the HackWithInfy 2026 journey and aims to empower the TPOs with all the insights and tools needed to guide students effectively. They have shared the end-to-end clarity on timelines, process flow, and best practices for Hackwithinfy 2026. This program was not only about strengthening the bond between Silicon and Infosys but connecting personally and giving us a deeper insight into how Infosys functions as an organization.



Visit to TCS to attend the TCS HackQuest Season10 – SiliconTech was extremely honored to get the invitation from DC head of TCS Bhubaneswar center to celebrate and award India's top ethical hackers at the Grand Finale award ceremony of TCS HackQuest Season 10 on 12 March 2026, at the TCS Bhubaneswar campus. TCS HackQuest is the largest ethical hacking contest cum hiring ground in India, designed to identify and nurture exceptional cybersecurity talent. The II Cell team along with top 25 students from 2027 batch attended the program to witness the grand celebration of hackquest season competition. It was a nice experience by interacting with the global leaders of TCS in cybersecurity domain which will further help the students in shaping their careers in cybersecurity domain.



Visit to SDI-Bhubaneswar to attend India Skill Competition 2025-26 (Eastern region)- SiliconTech was invited by National Skill Development Corporation (NSDC), New Delhi to attend the mega skill competition event and gain exposure to live competitions and advanced technologies at SDI BBSR on 28 February 2026. This program enhanced students' awareness about emerging career opportunities, motivated them towards excellence and instilled competitive spirit by providing insights into global skill benchmarks and industry expectations. The program was attended by faculty members from Silicon along with the students who are currently doing their internship at SDI BBSR campus.



ENTREPRENEURSHIP DEVELOPMENT CELL



A workshop on 'Design Thinking, Critical Thinking & Innovation Design'

The Institution's Innovation Council at Silicon University, organized a workshop on 'Design Thinking, Critical Thinking & Innovation Design' on 28 January 2026. The session was delivered by Deepak Chaudury and Prof. (Dr.) Prasad Agasty, highlighting the importance of design thinking and critical thinking in solving real-world problems. Around 80 students and 6 faculty members participated actively. The workshop focused on user-centered innovation, creative problem solving, and interdisciplinary collaboration. Interactive discussions and examples enhanced understanding of practical frameworks, fostering innovation-driven thinking and career awareness.



Workshop on 'Effective Sales and Marketing Strategies for Start-ups'

The ED Cell at SiliconTech organized a workshop on 'Effective Sales and Marketing Strategies for Start-ups' on 11 February 2026, led by Mr. Deepak Choudhury, Founder of Success Leaf. The session engaged 75 students and faculty members, focusing on start-up growth, identifying target customers, value propositions, and innovative marketing techniques. Mr. Choudhury emphasized digital marketing, consultative sales, and data-driven decision-making to enhance customer engagement and market reach. The workshop provided practical strategies for building sustainable start-ups, encouraging participants to adopt experimentation, continuous learning, and strategic planning for long-term entrepreneurial success.



Expert Talk on 'AI for Atmanirbhar Bharat'

Silicon University's ED Cell hosted an Expert Talk on 'AI for Atmanirbhar Bharat' on 9 February 2026. Dr. Debabrata Nayak, cybersecurity and AI security expert from PwC India was the resource person. A total of 106 students and faculty members attended the session, which focused on AI applications across industries, security challenges, and building trustworthy AI ecosystems. Dr. Nayak highlighted AI's role in enhancing India's technological self-reliance and encouraged responsible innovation. The talk motivated students to develop AI solutions aligned with industry needs, career opportunities, and ethical standards while contributing to Atmanirbhar Bharat.



Expert Talk on 'IPR Basics for Innovators & Entrepreneurs'

Silicon University's ED Cell hosted an expert talk on 'IPR Basics for Innovators & Entrepreneurs' delivered by Dr. Amaresh Panda, Lead at KIIT-TBI, TTO on 26 February 2026. A total of 80 students and faculty members attended the session, which focused on patents, copyrights, trademarks, trade secrets, and industrial designs. Dr. Panda explained the importance of protecting innovations, generating revenue through IP commercialization, and gaining competitive advantages. The talk encouraged students to innovate responsibly, and understand career prospects in intellectual property.

ALUMNI IN FOCUS



SHREEPADA MISHRA

Senior SAP Consultant
Volkswagen Digital Solutions
B.Tech. (ECE) 2014-2018

Currently working as a Senior SAP DM Consultant at Volkswagen, Shreepada is involved in technical architecture and leads teams in developing reliable, client-focused solutions. With strong expertise in SAP technologies, she plays a key role in delivering efficient and scalable systems. Outside of work, she enjoys playing outdoor games like cricket and volleyball, as well as indoor games such as badminton. She also has a keen interest in astrology and numerology, and occasionally expresses her thoughts through writing quotes, reflecting her curiosity and creative mindset.



MAHESH KUMAR SAHOO

Associate Consultant
Tata Consultancy Services
B.Tech. (CSE) 2002-2006

Mahesh began his career in sales after completing his B.E. and PGDM in Marketing, gaining strong expertise in client relations and revenue generation, contributing over ₹80 crore annually. In 2018, he transitioned into IT as an SAP Consultant and currently serves as an Associate Consultant at Tata Consultancy Services, specializing in SAP Order-to-Cash solutions. He has worked with organizations like IBM, Capgemini, and Jindal Steel & Power, delivering 80+ ABAP projects. Outside work, he enjoys travelling, cooking, geopolitics, and mentoring aspiring SAP professionals.



RASMITA SAMANTARAY

Associate Technical Lead (EDI),
ESSPL/Business Analyst, MAERSK (Client)
B.Tech. (E&T) 2001-2005

Currently working at a leading OEM, Rasmita leads the end-to-end development of Hardware-in-the-Loop (HiL) environments for AD/ADAS functions, including their validation in compliance with EU regulations. She holds a Master's degree in Information Technology from Sweden and has developed strong expertise in the AD/ADAS domain. With an enriching work experience across India, Sweden, and currently based in Germany, she brings a global perspective and adaptability to diverse work environments. Outside of work, she enjoys painting, knitting, spending time in nature through hiking, and playing badminton.



SACHIN KUMAR AGRAWAL

Data Architect
B. Tech. (IT) 2006-2010

Sachin completed his B.Tech. in Information Technology in 2010 from Silicon Institute of Technology, which provided him with a strong launch pad into the IT industry and instilled the discipline and values that continue to guide his professional journey. With over 15 years of experience in IT, he has built strong expertise across evolving technologies, consistently adapting to industry trends and successfully handling dynamic challenges in the ever-changing IT landscape. He continues to upskill himself to stay aligned with emerging demands and deliver effective solutions. Outside of work, he enjoys spending time at home while working remotely, going on occasional long drives, and playing carom and chess with friends in his community.

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Compiled and Published by the

Industry Interface Cell
Silicon University

Silicon Hills, Patia, Bhubaneswar, Odisha, India 751024

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