

SiliconTech

A QUARTERLY NEWSLETTER

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EDITORIAL

Greetings from Silicon!

Bridging Academia and Industry: Preparing Students for the Future

In today's rapidly evolving world, the gap between academic learning and industry expectations continues to widen. As technological advancements reshape industries, higher education institutions must adapt to ensure that students are equipped with the knowledge, skills, and mindset necessary to thrive in the workforce. At Silicon University, we recognize the growing need for stronger industry-academia collaboration and are committed to bridging this gap through strategic initiatives and focused engagement with industry partners.

A key initiative in this direction is the Industry Interface Cell (II Cell) at Silicon University. The II Cell plays a pivotal role in preparing students for real-world challenges by fostering industry partnerships, facilitating internships, and enabling practice school programs. Through these initiatives, students gain hands-on exposure, work on live industry projects, and interact with professionals, helping them transition seamlessly from academia to the corporate world. These efforts ensure that our graduates are not only job-ready but also capable of adding value from day one. Beyond technical expertise, the university strongly emphasizes innovation, entrepreneurship, and problem-solving abilities.



We encourage students to think beyond conventional boundaries, explore new ideas and develop solutions that address contemporary challenges. Incubation centers, startup mentorship programs, and hackathons provide students with platforms to test their ideas, collaborate with industry experts, and transform their innovations into viable businesses. Moreover, in an era where industry trends shift rapidly, lifelong learning and adaptability are crucial. At Silicon University, we instill in our students the mindset of continuous learning, upskilling, and reskilling to stay relevant in their careers. We encourage students to embrace interdisciplinary learning, stay curious, and develop competencies that go beyond their core domains. As we look towards the future, our mission remains clear: to create a learning ecosystem where students are not just degree holders but industry-ready professionals, problem solvers, and innovators. Through a dynamic synergy between academia and industry, Silicon University is shaping the next generation of leaders, entrepreneurs, and change-makers who will drive progress and transformation in the world.

Let us continue to strengthen our commitment to this vision and work together to ensure that our students are prepared to excel in the global landscape of the future.

Dr. Ramaprasad Panda
Dean (Student Affairs), Silicon University



Silicon University Celebrates its First Anniversary

Silicon University celebrated its First Anniversary on 31 January 2025, marking a year since its transition from an autonomous institute to a university. The event highlighted achievements in academics, innovation, and research. Nobel Laureate Prof. James P. Allison, Dr. Hincó J. Gierman, and Prof. Padmanee Sharma shared insights on education and research. Vice-Chancellor Dr. Jaideep Talukdar reflected on the university's growth and vision. A student quiz competition, 'Know Your University,' was conducted to foster pride and awareness among students. Vaishnavi Singh (CSE, 2026) and Om Prakash Yashwant Panda (ECE, 2026) were winners of the quiz. The event brought together medical professionals and students from 18 states, making it a truly enriching and memorable occasion.



NWET 2025

SiliconTech hosted the 15th National Workshop on Emerging Technologies (NWET-2025) and SPARK Meet 2025 on 21 & 22 March 2025. Centered on the theme 'Towards Net Zero: Clean, Digital, and Sustainable Grid,' the event explored advancements in sustainable energy and digital power systems. It featured expert talks, panel discussions, and hands-on workshops on EV technologies, smart metering, and future power solutions. The event also marked the launch of the Power & Energy Society (PES) student chapter & Technical Education Chapter (TEC) under the Silicon IEEE learning society, fostering innovation and collaboration.



NES 2024-25

SiliconTech collaborated with Sevya Multimedia and the VLSI Society of India (VSI), to host the VLSI Summit on Nanotechnology and Embedded Systems (NES) 2024-25 from 31 January to 1 February 2025. The summit aimed to raise awareness about recent advances in solid-state devices, VLSI circuits, and embedded systems. It featured expert talks and hands-on training sessions from leaders in the semiconductor industry, offering valuable networking opportunities. Key highlights included a panel on AI's impact on analog VLSI design and a workshop on the RTL-to-GDS flow. NES 2024-25 successfully bridged academia and industry, equipping participants with advanced skills for future innovations in semiconductor design.



NIRMÁN 4.0, Annual Tech Fest

Silicon Innovation and Promotion Cell (SIPC) organized NIRMÁN 4.0, the annual technological fest, from 6 to 8 February 2025 to enhance technical skills and foster innovation. Themed 'Avatar – The Genesis of Pandora,' the event featured competitions like Robo Race, Line Follower, Codeverse, Ideate, Robo Sumo, Drone League, and the 18-hour Hacknation challenge. Distinguished guests who graced the event included Mr. Asutosh Rath, Executive Director (HR & Administration), NALCO, Mr. Vivek Nishant Nath, Chief General Manager (Sales & Marketing), Odisha Mining Corporation Limited, and Padma Shri Prof. Dr. Ashok Kumar Mohapatra, former Vice-Chancellor, Siksha 'O' Anusandhan University.



Expert talk on AI

SiliconTech hosted Dr. Arun Ravindran, Associate Professor at UNC Charlotte, USA on 5 March 2025 for an insightful session on 'Unlocking Generative AI: Advances, Applications, and Impact on Education'. He explored the evolution of large language models (LLMs) and their transformative role in industries and education. Dr. Ravindran highlighted real-world applications of AI, emphasizing its potential to revolutionize learning experiences and professional landscapes. His expert insights sparked curiosity and inspiration among attendees, encouraging them to delve deeper into the limitless possibilities of generative AI. The session left a lasting impact, fostering discussions on AI's growing influence in education.



Workshop on 'Elements of Writing'

The Publication Cell of SiliconTech organized a workshop on 'Elements of Writing: Editing and Publishing' on 22 March 2025, focusing on writing, editing techniques, and the publication process. The session aimed to enhance participants' skills in structuring research papers, refining content, and understanding publishing ethics. Dr. Shaswat Panda, Assistant Professor, Dharinadhar University, and Dr. Shikha Vats, Assistant Professor, IIIT Bhubaneswar, conducted expert talks and hands-on exercises on manuscript structuring and editing. With 30 participants, the workshop provided valuable insights into effective writing and publishing, concluding with a vote of thanks by Dr. Priyambada Pal, Faculty Coordinator, Publication Cell.



Visit to HINDALCO

SiliconTech is strengthening its partnership with HINDALCO through a consultancy project on cost-effective solutions for lightning, earthing, and surge protection at the Hirkud Smelter. A team of senior faculty members visited the plant on 18 February 2025 to gather data and discuss operational improvements. This project follows the successful completion of the 'Feeder Changeover Process' project, showcasing SiliconTech's expertise in solving industry challenges. The initiative reinforces its commitment to academia-industry collaboration for impactful advancements.



Visit to the Skill Development Institute (SDI)

The Department of Electrical and Electronics Engineering (EEE) at SiliconTech organized a one-day industrial visit to the Skill Development Institute (SDI) in Jatni, Bhubaneswar, on 1 February 2025. The visit aimed to connect theoretical knowledge with practical experience, providing EEE students with insights into automation of industry processes and technologies. Highlights included tours of state-of-the-art labs, particularly those focused on PLC, SCADA systems, solar energy, home automation, and robotics. Students also gained hands-on experience with advanced equipment and learned about career opportunities and skill-based training programs.



76th Republic Day

SiliconTech celebrated the 76th Republic Day of India on 26 January 2025 to mark the adoption of the Indian Constitution that came into effect on 26 January 1950. The celebration began with the unfurling of the national flag, followed by an inspiring speech from Dr. Jaideep Talukdar, Vice-Chancellor, emphasizing the importance of upholding the Constitution. The event featured a soulful rendition of the national anthem, cultural performances, and student speeches, highlighting India's diversity and unity. The celebration concluded with a renewed commitment to the core values of justice, equality, and liberty enshrined in the Constitution.



Women's Day 2025

SiliconTech's SAGE-W Cell celebrated the 50th International Women's Day with two sessions held on 8 and 19 March 2025 to emphasize women's empowerment. On 8 March, Khalid Ahmed, CEO, Born to Coach, led a session on 'Debunking Myths: A Scholarly Approach to Work-Life Harmony', addressing structural barriers to work-life balance. On 19 March, Ms. Anjana Tudu, Additional SP, CID, CB, Odisha, and Mr. Satyanarayan Roy Mohapatra, Cyber Security Delivery Manager, TCS, discussed women's role in cybersecurity. The event concluded with the prize distribution of the Medhavi Chhatra Award (female toppers in academics) and presentation of the Women Achiever Award to Sneha Sruti Sahu (CSE, 2025).



World Forestry Day

The NSS Club at SiliconTech hosted a talk on the World Forestry Day on 21 March 2025 on the theme 'Sustainable Forestry for a Greener Future'. Dr. Anup Kumar Nayak, Retired Indian Forest Service (IFS) officer, emphasized responsible forest management, while Ms. Sasmita Lenka, Odisha Forest Service (OFS) officer, highlighted the role of community engagement in conservation. The session underscored the importance of sustainable forestry in maintaining ecological balance and fostering sustainable development, inspiring attendees to contribute to environmental preservation.



Green Run Silicon Marathon

SiliconTech's National Service Scheme (NSS) organized the 'Green Run Silicon Marathon for Climate Action' on 22 February 2025 to raise awareness about climate change and promote sustainability. Students, faculty, and staff participated in the marathon, running through a scenic route to symbolize a collective commitment to environmental conservation. The event emphasized the urgency of climate action and inspired participants to adopt sustainable practices, fostering a sense of responsibility toward nature.



ZYGON 2025, Annual Cultural Fest

SiliconTech organized ZYGON 2025, its annual cultural fest, on 28 February and 1 March 2025. The event featured a variety of competitions and cultural performances. The 'Odyssey Cup' included quiz, computer gaming, personality contests, creative arts, performing arts, and the first-ever cooking competition, 'Flavors Parade.' The Third-year B.Tech. students won the Odyssey Cup. Students set up stalls selling food and gifts while hosting activities like games, tattoos, and mehndi. The campus was decorated in the 'Carnival' theme with vibrant adornments. The evenings were filled with music, dance, and theater performances. The fest concluded with a prize distribution ceremony celebrating student creativity.



SUMUN 2025

The Meta Academics Cell at SiliconTech organized its annual inter-collegiate Model United Nations, SUMUN 2025 from 20 to 22 March 2025. The event simulated UN proceedings, fostering negotiation, discussion, and debate to address global challenges. It educated students on international relations, diplomacy, and the UN agenda while enhancing public speaking, research, and critical thinking skills. Delegates from SiliconTech and other institutes participated in various committees, engaging in rigorous debates. Outstanding speakers from each committee were recognized and awarded. SUMUN 2025 provided a prestigious platform for aspiring diplomats and leaders to develop their skills and global perspectives.



LITFEST 2025

The Meta Academic Cell organized 'Sabda-Tattva', the annual literary festival from 20-22 March 2025 to celebrate literature, creativity, and critical thinking through engaging competitions. The event featured 'Poetic Arena', where participants composed poetry in English, Odia, or Hindi. 'Parachute Drop', a persuasive challenge requiring participants to argue why their assigned personality deserved survival, 'Leadership Challenge', which tested communication and decision-making skills through a Group Discussion and Personal Interview, and 'Write-a-Tale', where participants crafted original stories based on prompts were the other featured events.



Book Review Session

The Publication Cell at SiliconTech organized a book review session on 'The Alchemist' by Paulo Coelho, a novel exploring self-discovery and the pursuit of dreams. Students and faculty discussed the journey of Santiago, a young shepherd, as he seeks his Personal Legend. The session highlighted Coelho's insights on following dreams, overcoming obstacles, and listening to one's heart. Participants reflected on the novel's themes of spirituality, destiny, and perseverance. The discussion resonated deeply, fostering meaningful conversations on resilience and personal growth, encouraging attendees to reflect on their aspirations and life's journey.



16th Annual Athletic Meet

SiliconTech organized its 16th Annual Athletic Meet on 1 February 2025 to foster the spirit of sportsmanship, discipline, and teamwork. Dr. Ramaprasad Panda, Dean (Student Affairs), inaugurated the event with an inspiring address on the significance of sports in student development. The meet featured track and field events, including sprints, relays, shot put, and long jump. The winners of all the events were awarded with medals and certificates.

NOTE: For further details on any news item, visit <https://silicon.ac.in/news/>



Staff Award Function 2025

The Staff Welfare Committee organized the Staff Award Function on 29 March 2025 to celebrate the dedication and accomplishments of staff members. Awards were presented for 10, 15, and 20 years of service, as well as for Ph.D. and Post-Doc achievements. Best Researcher and Best Faculty Advisor were felicitated. Winners of Staff Sports, Silicon Premier League, and Silicon Champion League were also awarded prizes. The event featured vibrant cultural performances and concluded with a high tea.

EMPLOYEES IN NEWS

Best Researcher Award 2025



Dr. Ambarish Gajendra Mohapatra



Dr. Anita Mohanty



Dr. Suvendu Chandan Nayak

Best Faculty Advisor 2025



Dr. Arnab Pal



Dr. Bikram Keshari Mishra



Dr. Debangana Das



Dr. Kamalakanta Satpathy



Dr. Nivedita Pati



Prof. Chittaranjan Mohapatra



Prof. Dipak Ranjan Nayak



Prof. Gyanaranjan Biswal



Prof. Laxminarayan Pathy



Prof. Tophan Jena

Allocation of EV Charging Stations for Enhanced User Comfort and Utility Benefits

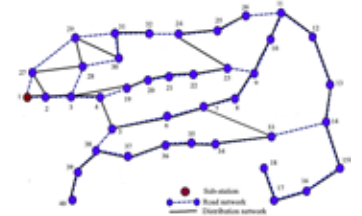
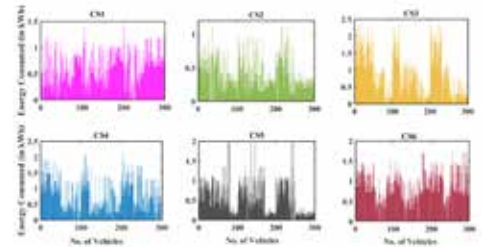
Optimal placement of Electric Vehicle Charging Stations (EVCSs) is crucial for accelerating EV adoption, promoting sustainable transport, and reducing range anxiety. This study presents an optimization framework for EVCS allocation, considering both road networks and power distribution constraints.

Key Features of the Proposed Approach:

- **Optimal EVCS Placement:** Accounts for nodal costs, vehicular uncertainty, and energy losses in the grid.
- **Charging Port Allocation:** Minimizes EV users' waiting time while avoiding excess load on the power network.
- **Cost Considerations:** Covers port installation and energy loss fees, ensuring financial viability.
- **Power Quality Maintenance:** Maintains IEEE-519-compliant harmonic distortion to protect grid stability.
- **User Satisfaction:** Uses the Average Happiness Index (AHI) to quantify and maximize user experience based on waiting time and cost.

Implementation & Validation:

- Tested on a 40-bus distribution network, showing large-scale applicability.
- Real harmonic data (from MATLAB Simulink and analyzers) improves planning accuracy.
- Dynamic pricing optimizes charging costs for users and station owners.
- Robustness verified via statistical tests (Wilcoxon, Quade) and benchmarking with Marine Predator and Grey Wolf Optimizers.



Future Scope:

- Integration of renewables (solar, wind) to boost sustainability.
- Real-time adaptive scheduling to optimize charging under varying demand and grid conditions.

This framework ensures a balanced trade-off among user experience, economic viability, and grid stability.

Optimal Locations of EVCS for Different Objective Functions.

Objective function	EVCS locations	Number of Ports	Energy Loss (kWh.)	AHI	Cost (₹)
Energy Loss	20, 37, 9, 19, 16, 8	3, 3, 2, 3, 2, 2	4509.9824	5.5219	6.26×10^7
Cost	7, 22, 40, 24, 9, 20	3, 2, 4, 4, 3, 2	4981.9822	4.9526	4.56×10^7
AHI	19, 40, 29, 14, 32, 12	3, 3, 2, 2, 2, 2	5138.5898	1.7721	6.04×10^7

This research is being conducted by Dr. Arnab Pal, Assistant Professor, Electrical and Electronics Engineering.

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.

STUDENT ACHIEVERS

GATE 2025



Harsh Prasad
CST, 2022-26
AIR- 435



Shivank Subanshi
CSE, 2022-26
AIR 1501 (CSIT)
AIR 2091 (DS & AI)



Aditya Pradhan
(CSE, 2021-25)
Placed in Karya with 9 LPA
Role- UI/UX Designer



Soumyaranjan Nayak
(EEE, 2021-25)
PS Selectee at Cummins India
INR 60K monthly stipend



Alisha Singh
(CSE, 2026)
Intern at ISRO (Delhi
Earth Station)



Nitish Panda
CSE, 2021-25
Placed in Infosys with 9.5 LPA
Role Specialist Programmer



**Gourab Chandra
Panda**



**Animesh Kumar
Singh**



Ankit Kumar



Sudeshna Mohanty

Team 'Resilience' from the B.Tech. CSE batch of 2025 emerged as the Top 5 Teams of 'Mobilathon 4.0'. All team members have been offered PS internships by Volkswagen with a monthly stipend of INR 25K.

Practice School (PS) Selectees from 8th Semester B.Tech. graduating batch of 2025 with a monthly stipend of 20K

Inovaare Clouds Solutions



Abrar Ahemmad
CSE, 2021-25



Aditya Ranjan Sahu
CSE, 2021-25



Adyasha Panda
CSE, 2021-25



Anurag Kumar Singh
CSE, 2021-25



Nikhil Bhuyan
CEN, 2021-25



Sreyansi Mohanty
CEN, 2021-25



Bishnutosh Panda
CSE, 2021-25

Cognitiverview



Deepak Kumar Sahoo
CSE, 2021-25



J. Swati
CSE, 2021-25



Rojy Samal
CSE, 2021-25



Shreya Mishra
CST, 2021-25



Shubham
CSE, 2021-25



Subhodip Ghosal
CSE, 2021-25

Signigent



Anusika Das
ECE, 2021-25

PixelCompute



Amit Mohanty
ECE, 2021-25



Siddharth Kumar Gope
ECE, 2021-25



Antaryami Sahoo
CSE, 2021-25



Nikhil Kumar Paikray
CST, 2021-25



Ashutosh Jha
CSE, 2021-25



Snigdha Mohapatra
CSE, 2021-25

Spikewell

Evolutionary Algorithms

DeepGrid Semiconductor

Winners of NIRMAN 4.0, our Annual Tech Fest

Line Follower Competition



1ST PRIZE – TEAM XTREME 550

Darshan Mishra (CSE, 3rd year)
Ananya Mishra (ECE, 3rd year)
Tamanna N. K. Jaiswal (EIE, 1st year)



3RD PRIZE – TEAM FLOWFINDERS

Pallak (CSE, 1st year)
Blessy Parida (CSE, 1st year)
V. Kruthika (EIE, 1st year)

Ideate Senior Competition



1ST PRIZE

Ajay Kumar Sahu (CSE, 1st year)
Amar Kumar Sahu (CSE, 1st year)
Suryanshu Panigrahy (ECE, 1st year)

Codeverse – NIRMAN 4.0



1ST PRIZE – TEAM MARCO

Lavkush Solanki (CSE, 3rd year)
Piyush Kumar (CSE, 3rd year)
Raghvendra Pratap (CSE, 3rd year)



2ND PRIZE – TEAM NR-SQUARE

Rishu Kumar (CSE, 3rd year)
Rounak Biswal (CSE, 3rd year)
Niharika Barnwal (CSE, 3rd year)



3RD PRIZE – TEAM DEMORALIZER

Narayan Nayak (ECE, 4th year)
Ashutosh Jha (CSE, 4th year)
Lopinti Manoj Kumar (CSE, 4th year)

Spring Fest – IIT Kharagpur



1ST PRIZE – SPENT QUIZ COMPETITION

Udit Mahapatra (CST, 2nd year)
Aditya Prasad Sahu (CSE, 2nd year)
Mayank Mahapatra (ECE, 2nd year)



2ND PRIZE – FACE PAINTING COMPETITION

Senorita Das (CSE, 2nd year)
Sai Shradha (CEN, 2nd year)

Hindu (Newspaper) Quiz- Winners



1ST PRIZE

Piyush Praharaaj (CSE, 3rd Year)
Kashyap Panda (EEE, 2nd Year)

Quiz Coder, Inno Frenzy World Hackathon 2025- Winners



1ST PRIZE

Ankur Dey (CSE, 3rd Year)
Roshina Priyadarshini (CSE, 3rd Year)
Rahul Kumar Singh (CSE, 3rd Year)

Woman Achiever Award 2025



Sneha Sruti Sahu
CSE, 2021-25

INDUSTRY INTERFACE CELL

Placement and Industry Engagement Highlights

The Industry Interface Cell (II Cell) at SiliconTech continues to strengthen placement outcomes for the 2025 graduating batch. Over 50 companies have visited the campus so far, including 15+ in this quarter. More than 55% of eligible students are placed with salary packages ranging from ₹3.6 to ₹16.5 LPA.

Top Recruiting Companies Include:

Aptus Data Labs, ARF Design, Blaze Automation, CAMS, CoreEL, Cozentus, Deloitte, Digit Insurance, Effigo, Evolutionary Algorithms, Haber, HP Labs, i8Cloud, Incture, Infosys, Inovaare, Jakson, JSW, LTIMindtree, Micron, Mindfire, PixelCompute, Polycab, PWC, Sevya Multimedia, Spikewell, STL, Synopsys, Tata Consultancy Engineering, Teslov, Vaaman Engineers, Volkswagen

Recruitment by Core companies

This quarter, several reputed core companies visited the campus, primarily hiring from the department of Electronics and Instrumentation Engineering. 51 students were successfully placed in core domains with Synopsys offering the highest package at ₹15.12 LPA. Core companies that have recruited students include:

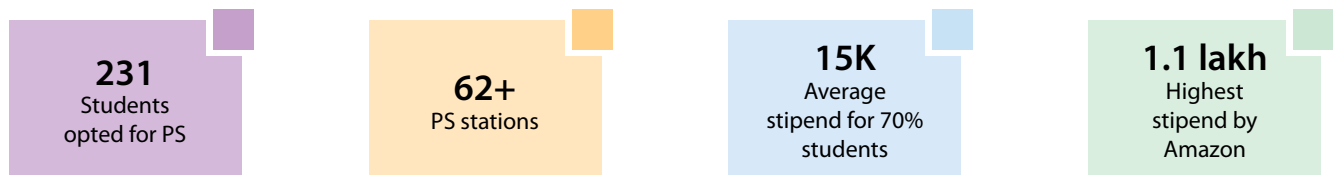
Cosmovolt
Cummins India
Jakson

JSW
Polycab
Surya International

Synopsys
Tata Consultancy Engineering

Vaaman Engineers
Volkswagen

Practice School (PS) Highlights – Graduating Batch of 2025 (8th Semester)



Selected students have joined their respective PS stations from the beginning of 8th semester; most expected to receive pre-placement offers (PPOs) upon completion.

Top Companies Offering PS Programs (8th Semester) include

Amazon
Aptus Data Labs
ARJJAB TECHNOLOGY
Boston Microtechnology
8club
CLIVERTECH

Cognitiveview
Cozentus
Cummins India Limited
Deepgrid Semiconductor
Evolutionary Algorithms
Infosys

Jakson
Karya
Logistos
Micron
Mindfire
ORISSA STEVEDORES LTD

PixelCompute
Signicent
Spikewell
Zeon AI

II Cell Collaborations for On-the-Job Skilling Programs

- **Skill Development Institute (SDI)**- 28 students 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.
- **Directorate of Skill Development cum Employment (DSDE)**- 24 students availing training in Cloud Architecture, AI/ML, Low-Code No-Code, Blockchain under the Nuthan Unnatha Abhiyaan (NUA) initiative by Skilled in Odisha skilling program under DSDE with Intense Technologies Ltd., Hyderabad as the training partner.
- **Odisha Skill Development Authority (OSDA)**- 88 students undergoing a 400-hour SAP training at Silicon by Electromech Enterprises Pvt. Ltd. (EME) appointed by OSDA.
- **Skyline Institute of Geoinformatics**- 20 students getting 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.

II Cell & FACE Prep Host LinkedIn Career Kickstarter Workshop

II Cell and FACE Prep hosted a workshop on 29 March 2025 to build LinkedIn and networking skills. Trainers Ms. Aakanksha Jetti and Ms. Nissi Teppali from FACE Prep guided 120 participants on profile creation, strategic connections, industry engagement, and leveraging LinkedIn Premium. All attendees received exclusive LinkedIn Premium subscriptions.



ENTREPRENEURSHIP DEVELOPMENT CELL

The Entrepreneurship Development Cell (ED Cell) and the Institution's Innovation Council (IIC) events in the January-March quarter.

Faculty Development Program (FDP) on Entrepreneurship

The ED Cell organized a two-week FDP from 13–25 January 2025, supported by the Department of Science & Technology (DST), Govt. of India. Key speakers included Mr. Chittaranjan Pattanaik (EDII), Mr. Deepak Chaudhury (Founder, Success Leaf), and Dr. Vishal J.C. (KIIT-TBI). The FDP featured sessions focused on design thinking, opportunity identification, and business plan development.



Session on 'Design Thinking, Critical Thinking, and Innovation Design'

The ED Cell and IIC organized a session on 'Design Thinking, Critical Thinking, and Innovation Design' on 19 February 2025, as part of the IIC calendar activities. Conducted by Mr. Deepak Chaudhury, Founder of Success Leaf, the session offered key insights on design thinking, analytical approaches in critical thinking, and user-centric innovation strategies in product design.



Workshop on 'Prototype Design and Development'

The IIC organized a workshop on 'Prototype Design and Development' on 5, March 2025. The session was conducted by Mr. Chittaranjan Pattanaik, former Regional Coordinator of EDII, Ahmedabad. The workshop featured interactive activities and explored key stages of prototyping—concept validation, model development, and iterative refinement—highlighting its role in successful innovation.



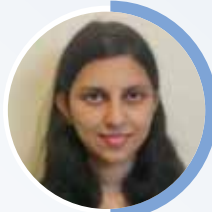
ALUMNI IN FOCUS



GOURAV PANDA

Senior Design Engineer, Microchip
Technology Pvt. Ltd.,
B.Tech.(ECE) 2006-2010

Gaurav is a Senior Design Engineer at Microchip Technology Pvt. Ltd., where he plays a pivotal role in developing cutting-edge design solutions for advanced technology applications. With a strong foundation in microelectronics and embedded systems, he consistently contributes to innovation and excellence in product development. His work not only enhances the performance and reliability of modern electronic systems but also supports the company's mission to deliver next-generation technology solutions. Outside of work, Gaurav enjoys long drives and playing cricket, seamlessly blending his passion for sports, travel, and adventure into his lifestyle.



PREETI PRAGNYA MISHRA

Engineering Manager, Symph Healthcare
B.Tech.(ECE) 2006-2010

Preeti is a Manager at Symph Healthcare, where she oversees day-to-day operations and actively contributes to the development and implementation of innovative healthcare solutions. With a strong passion for improving healthcare delivery, she plays a vital role in streamlining processes, enhancing service efficiency, and ensuring better patient care outcomes. Her leadership and commitment support the organization's mission to make healthcare more accessible and effective. In her free time, Preeti enjoys reading and exploring a wide range of genres, finding inspiration and fresh perspectives through the world of books.



SIBASIS SWAIN

SAP Solution Architect
B.Tech. (EEE) 2004-2008

Sibasish is an experienced SAP Solution Architect with a strong track record in designing and implementing advanced SAP solutions to streamline and enhance business operations. His deep technical expertise, combined with strategic insight and leadership abilities, enables him to drive successful digital transformation initiatives across various industries. He is known for his problem-solving skills and his ability to align technology with business goals effectively. Outside of his professional life, Sibasish enjoys playing chess, a hobby that helps him unwind while sharpening his focus and strategic thinking abilities.



SANJEET KUMAR SUBUDHI

Associate Professor, C.V. Raman Global
University, Bhubaneswar
B.Tech. (EEE) 2004-2008

Sanjeet is currently working as an Associate Professor at C.V. Raman Global University, Bhubaneswar, where he specializes in the field of Nonlinear Dynamics. As part of his academic responsibilities, he is actively involved in mentoring undergraduate and postgraduate students, supervising research projects, and teaching advanced courses in Electrical Engineering. Sanjeet earned his Ph.D. in Electrical Engineering from NIT Rourkela and his M.Tech. in Electrical Engineering from IIT Kharagpur, institutions known for their academic excellence. Outside of his professional life, Sanjeet enjoys cooking and going on long bike rides, which allow him to relax, explore new places, and maintain a healthy work-life balance.

Alumni Desk

Visit our Alumni Portal at <https://alumni.silicon.ac.in/> & register yourself

E-mail: siliconalumni@silicon.ac.in | Contact: +91 9937289499 | Extn: 352/353/354/356/358



Please send your feedback /suggestions to pcell@silicon.ac.in

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Industry Interface Cell
Silicon University

Silicon Hills, Patia, Bhubaneswar, Odisha, India 751024

Ph: +91 9937289499 Extn: 352 / 354 / 356 / 358

Visit us at: www.silicon.ac.in