# EDITORIAL



Greetings, and welcome to this edition of SiliconTech.

The quarter, July- September 2021, marked the beginning of a new academic session. It began with mixed feelings of anticipation and apprehension among Siliconites as the lockdown was lifted, weekend shutdowns were still in place, and news of a possible third wave of pandemic was in the air. Amidst the uncertainties, as the country marched ahead and showed spectacular achievements in the Tokyo Olympics, activities around SiliconTech were equally encouraging. We completed the even semester courses on time, and the end semester examination was held in online mode, along with the summer internship program. The results were published on time and we started the odd semester classes in two batches without interruption. An improved NIRF ranking of 163 (Engineering) was the icing on the cake. Publications in high rated SCI and Scopus indexed journals by our faculty members were remarkable. FDPs, workshops and hands-on trainings were conducted online with eminent resource persons from across the world.Various workshops were organized by our IQAC (Internal Quality Assurance Cell) to benefit the NTT and supporting staff in the Institute. SiliconTech hosted the Odisha Skills 2021, observed the 75th Independence Day, our 20th Foundation Day and the World Entrepreneurship Day. Placement drives for the current batch are in full swing. Student Innovation & Promotion Cell (SIPC) has planned many training and mentoring activities to help the students overcome the inertia they have experienced over the past one and a half years. Our staff members' unconditional and untiring efforts to continue academic and other activities of the Institute despite adverse circumstances are highly appreciated. Let us stay united and continue our dedication and hard work to take SiliconTech to new heights.

**Prof. (Dr.) Jayashree Das**
DEAN, RESEARCH

# NEWS & EVENTS

## SiliconTech's NIRF 2021 (Engineering) ranking goes up

Silicon Institute of Technology, Bhubaneswar (SiliconTech) has been ranked 163 in the 'Engineering' category by the National Institutional Ranking Framework (NIRF) 2021, Ministry of Education (MoE), Government of India. SiliconTech is one among the nine Institutes from Odisha in the top 200 rank. SiliconTech has improved its position by 16 points in this annual national level ranking exercise compared to last year when it had received a rank of 179 in NIRF Rankings 2020.
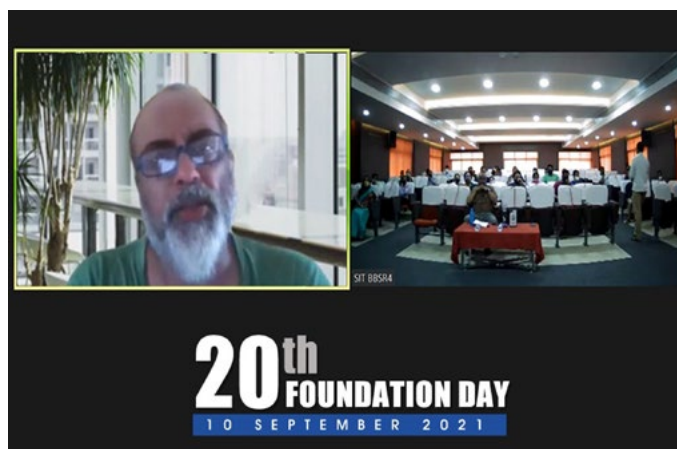
## SiliconTech's IIC gets selected as a Mentor Institution by MIC, GoI

The Institution Innovation Council (IIC) of Silicon Institute of Technology, Bhubaneswar(SiliconTech) is one of the 50 IICs in the country and the only IIC from Odisha to be selected by Ministry of Education's Innovation Cell (MIC), Government of India (GoI),as mentor institution under the Mentor- Mentee Program 2021- 2022.The objective of the Mentor-Mentee scheme for IIC institutions is to engage high performing IICs to act as a mentor to the IIC institutions those that are in need of guidance and support.

## 20th Foundation Day Celebration

SiliconTech observed its 20th Foundation Day on 10 September 2021. Our Principal, Dr. Jaideep Talukdar, gave the introductory welcome address. The keynote speaker for the event was Dr. Srikanth Sundararajan, General Partner at Ventureast Advisors Pvt Ltd and a member of our Governing Body. He spoke on the latest 'Tech Trends for Today and Tomorrow'.  The talk was followed by the inauguration of our new Maker's Lab. It was in fact a moment of glory for the Institute to have completed two decades of service in the field of education and to have evolved as a premier Institute.



## SWITCH Club organizes ASCI-2021 and NCODE

The coding club of Silicon, the SWITCH (Silicon Wing of Technical and Coding Hub) Club organized ASCI (Annual Switch Convention for Innovation) 2021, an innovative project development competition for studentsduring 5 - 30 June 2021.62 students from 24 different teams worked together in the virtual mode to develop projects based on unique problem statements. The 'CreativeName' team of Srijan Paul (3rd year, CSE) and Manohar Pattanayak (3rd year, ECE) won the first prize, while the 'DevLoopers' team of Dipankar Maharana (3rd year, CSE), K. Nirmal Kumar (3rd year, CST) and Sreeballabh Sahu (3rd year, ECE) won the runners up.The event was sponsored by SIPC (Silicon Innovation and Promotion Cell). Dr. Soumya Priyadarsini Panda (FC, SWITCH Club) was the coordinator of this event. The SWITCH club also organized its advanced level coding challenge NCODE (Version 3) on 26 September 2021 through D2C platform. Second and third year B.Tech, students were well represented in this event with 100 registrations. The leader board scores were published.

# SiliconTech establishes Maker's Lab

SiliconTech inaugurated the Maker's Lab on 10 September 2021, the institute Foundation Day. The main objective of the Lab is to provide students with an opportunity to learn and experience new technologies, as well as construct and build Proofs of Concepts (POCs) for a diversity of technologies under the guidance of experienced mentors. The laboratory is equipped with all the necessary electronic components, sensors, microcontrollers, open-source platforms, 3D printers, toolkits, etc. to design, build and craft things. The new Lab is fully operational and the activities are governed by Student Innovation Promotion Cell (SIPC), headed by the Dean Research Dr. Jayashree Das.



# YFS Student Chapter conducts event for students across India

The Youth for Sustainability (YFS) Student Chapter organized the 'Explore and Express' event from 28 June to 7 July 2021 in virtual mode. 145 students from colleges and schools across India attended, including 50 students from SiliconTech.  Events such as the Photography Competition, Meme Making, Best out of Waste, and Group Discussions were held. YFS also conductedan online event named 'Mother Nature: The Best Teacher'on the occasion of Teachers' Day, 5 September 2021, to inculcate the importance of different Sustainable Development Goals(SDGs). 39 students participated in this event.

# Workshop on IALP- 2021

The Department of Electronics & Instrumentation Engineering (EIE) and the Department of Electronics & Communication Engineering (ECE) organized a one day workshop on 'Industrial Automation with LabVIEW and PLC (IALP)-2021' on 5 July 2021. The objective of this workshop was to familiarize participants with the technologies in the domain of virtual Instrumentation and Control methodologies. 61 participants attended the training. Aniruddh K. Goutam from Enggimatix Solutions Pvt. Ltd., Noida and Rahul Dixit from AKGEC Skills Foundation were the resource persons.

# CODEMESH#- A Pair Programming Challenge

IEEE Student Chapter at SiliconTech conducted 'CODEMESH#', an online coding competition on 9 July 2021. The objective of this competition was to give the students an excellent platform to showcase their coding skills. It brought together a unique mix of programmers, developers, innovators and visionaries to solve problems.

# Hands-on training on Emerging Technologies

The Department of Electronics & Communication Engineering (ECE) organized a hands-on training program on Emerging Technologies from 20 July to 26 July 2021. The objective of this training was to provide practical exposure on emerging tools and technologies in various electronics & communication engineering domains so as to prepare the students for the rapid changes of the technology world. Siddharth Bhatter (CEO, Karkhana) and Aditya Mohan Pandey (Designer, Karkhana) were the resource persons.

# Chairman's Address

Dr. Joe Madiath, Chairman, Silicon Institute of Technology, Bhubaneswar (SiliconTech) and Founder & Chairman, Gram Vikas addressed SiliconTech staff members on 28 July 2021. He thanked the faculty and staff for their unconditional and untiring efforts during the pandemic to ensure that academic and other critical activities continued at the Institute. He expressed his deep condolences for the sad demise of the near and dear ones of the staff and students. He suggested that the Institute should offer some training courses for its students on how to manage pandemics and similar disasters.

# Silicon Wellness Program (SWP 2021)

The Meta Academics Cell of SiliconTech conducted the Silicon Wellness Program (SWP 2021) in order to address the holistic well-being of students through various ways of managing yourself, making decisions, and managing stress. Ms. Sabhya Soni (Silicon Alumnus), Sri. Ajay Sahoo (Yoga Instructor), Sri. HG Tukaram Das Prabhuji (ISKCON) and Dr. Saswati Jena (in- house Counseling Psychologist) were amongst the resource persons for the event. The event took place every weekend in July 2021.

# Train the Trainer Program on Microwave & Electromagnetic Theory

The Departments of Electronics & Communication Engineering (ECE) and Electronics & Instrumentation Engineering (EIE) conducted a 'Train the Trainer' program on Microwave & Electromagnetic Theory from 11 August 2021 to 18 August 2021. The objective of the program was to train the faculty and lab staff in theoretical and practical aspects of the newly introduced Electromagnetic Wave Lab. The theory related to Electromagnetic Wave experiments was taught and the corresponding experiments were carried out. Mr. Amulya Kumar Roul (Assistant Professor, ECE) and Mr. Amiya Bhusana Sahoo (Assistant Professor, ECE) were the resource persons. 20 participants attended this session.

# 75th Independence Day Celebration

SiliconTech celebrated the 75th Independence Day on 15 August 2021. Our Principal, Dr. Jaideep Talukdar, hoisted the National Flag and addressed the gathering. He spoke about Atmanirbhar Bharat and the responsibilities vested in young engineers in shaping the nation's future in the coming decades.On this occasion, the Meta Academics Cell at SiliconTech conducted 'Azad Hind' events from 7 to 15 August 2021. The event was a culmination of 3 different contests, i.e. Poster Making Competition, Essay Writing Competition and Speech Competition. 75 students participated in these online competitions.



# 'GATI' - the Online Coding Competition

The CodeChef Student Chapter at SiliconTech conducted GATI, a 12- hour online coding contest on 15 August 2021. The objective of this contest was to instill programming logic building in students. The top 5 performers were from CSE -  Priyanshu Das (1st Year), Akash Sahoo (2nd Year), Sujan Kumar Patro (2nd Year), Sital Panigrahi (2nd Year) and Arpita Gupta (2nd Year). 51 students across different years participated in this contest.

# Quiz Club conducts India Quiz 2021

SiliconTech Quiz Club conducted the 'India Quiz' on 15 August, 2021. This quiz is conducted every year as the first intra college quiz of the season to recognize new talent in the institute, especially the ones trying to break into this vast world of quizzing. The event was coordinated by Dr. Subhakanta Dash (FIC, Silicon Student Council) and Mr. Dhananjaya Tripathy (FC, Silicon Quiz Club). 49 teams registered for the event. SK Ayan Noor (2nd Year, CSE) was the winner. Sudhanshu Ranjan Kar and Suchayan Panigrahi from 2nd year ECE got the 2nd prize whereas Aditya Sarkar (1st Year, EEE) got the 3rd prize.

# World Photography Day Celebration

SiliconTech Photography Club organized an online photography competition on 'World Photography Day', 19 August 2021. Twenty four students from various branches participated in this event and demonstrated their creativity. A panel of judges, including our alumni Atman Das (ECE, 2016) voted for the winners. Asutosh Mishra (3rd year, ECE) was the winner and Abhilipsa Dhal (2nd year, CSE) was the runner-up.

# ISTE Student Chapter conducts GEEK-O-FIRE

The SiliconTech ISTE Student Chapter conducted GEEK-O-FIRE contest to reinforce basic technical skills in the students on 29 August 2021. 156 students across all years participated in this event. All the winners were from CSE branch - Avipsa Bhujabal (2nd Year), Divya Dash (2nd Year), Saijyoti Tripathy (2nd Year), Srima Sarajita Kar (3rd Year) and Debasish Mahapatra (3rd Year).

# Talk on Health-Swaasthya and Happiness Program

Our Staff Welfare Committee organized interactive and informative health talks for students. Dr. Tapas Ranjan Sarangi, CEO and Chief Consultant at Guruji Ayurveda Centre, Bhubaneswar, Odisha and a former Professor& HOD, Department of Pediatrics at Gangasheel Ayurvedic Medical College, Bareilly, Uttar Pradesh presented a talk on 'Health-Swaasthya', on 25 August 2021. Mr. Krushna Chandra Dash, Certified NLP Practitioner cum Coach and Certified Advanced Life coach who is working as a Training & Education Partner at Yuzone India, Bhubaneswar, presented another informative session on 'Happiness Program' on 7 September 2021.

# SiliconTech conducts state level competitions for Odisha Skills 2021

SiliconTech was one of the 15 institutes across Bhubaneswar and Cuttack, identified by Odisha Skill Development Authority (OSDA) to conduct the state level skill competitions for Odisha Skills 2021. Two skilling competitions viz., 'Web Design & Development' and 'IT Network Systems Administration' were conducted at SiliconTech on 26 – 27 August 2021. The winners were felicitated at World Skill Center in Mancheswar, Bhubaneswar on 27 August 2021 in the presence of our honorable Minister of Skill Development & Technical Education, Govt. of Odisha. The Odisha Skills winners will participate in Regional followed by National Skill Competition. The national champions will represent India in the global World Skills competition in Shanghai, China in 2022.

# ICC invites our Principal, Dr. Jaideep Talukdar as a technical panelist

The Indian Chamber of Commerce (ICC) Odisha invited our Principal, Dr. Jaideep Talukdar as a technical panelist in the e-conference on Information Technology (IT) 'Post Pandemic – Opportunities and Challenges' on 31 August 2021. Dr. Talukdar shared his views on the post- pandemic opportunities in the education sector. The other panelists were Shri. Manoj Mishra, IRTS, Secretary, Department of Electronics & IT, Government of Odisha, Mr. Manas Panda, Director at STPI Bhubaneswar, Mr. A. Sivaramakrishan from Apollo Hospitals, Mr. J. B. Pany (ICC) and Mr. Prabhat Das, Center Head, Infosys Bhubaneswar. Mr. Devesh Sinha, Founder & CEO at Cozentus, was the moderator for the entire event.



# Webinar on Role of Proper Food for a Healthy Wellbeing

SiliconTech Health Club organized a webinar on 'Role of Proper Food for a Healthy Wellbeing' on 4 September 2021 for all staff members and students. The webinar aimed to bring about a change in everyone's food habits and live a healthy and disciplined life. Mr. Durgesh Ranjan, Fitness Consultant and Nutritionist was the resource person. 84 participants attended the event.

# Workshop on English Communication Skills

The Internal Quality Assurance Cell (IQAC) team at SiliconTech organized a two-day workshop on 'English Communication Skills' for the non- teaching technical staff on 8 & 9 September 2021. 28 staff members participated in this workshop. Dr. Suvashree Suvadarshinee, Dr. Jayanta Kumar Das and Ms. Ananya Roychoudhury from the department of Basic Sciences and Humanities were the resource persons. Dr. Jaideep Talukdar, our Principal inaugurated the event. Dr. Jayashree Das, Convenor, IQAC, also graced the occasion. Dr. Siba Sankar Nayak, Coordinator, IQAC highlighted some future workshops to be conducted by IQAC on Word/Excel, skill based learning for the participants.

# Meta Academics Cell organizes Book Lovers' session

The Meta Academics Cell conducted its first book lovers' session on 26 September 2021. The alternate endings of the book titled 'The Silent Patient' was discussed.The SWORD wing (Silicon's Wing for Oratory, Representation and Debating) of the Meta Academics Cell takes the student's reading habits into consideration and gives them a platform to express their ideas, adding to the understanding of a book.

# Webinar on 'Gender Parity in Professional Education'

The SAGE-'W' Cell (Social Awareness and Gender Equality for Women Cell) at SiliconTech, conducted a virtual awareness program on 'Gender Parity in Professional Education' for students of 11th and 12th grades from various schools in Odisha on 25 September 2021. The objective of this webinar was to encourage young adults to respect gender differences and to break gender stereotypes in order to create a more equitable society. The keynote speaker was Pritam Bhadra, a motivational speaker, an engineer and an alumnus of SiliconTech, who works for Amazon services, Bangalore. Over 100 students from various schoolsactively participated in this event.

# EMPLOYEES IN NEWS

**Dr. Saswati Jena**, Assistant Professor, Department of Basic Sciences & Humanities (BSH), received the 'Employee of the Quarter' award in recognition of overall excellence in performing her duties diligently, her work ethics, showing leadership and achieving desired outcomes for the quarter April- June 2021. The felicitation ceremony happened on 20th Foundation Day on 10 September 2021.

**Mr. Satish Kumar Das**, Assistant Professor, Department of Electronics & Communication Engineering (ECE) was awarded the 'Best Young Faculty Award' on 30 August 2021 by Novel Research Academy, Puducherry, India during the academic year 2021-22 for his academic contribution in Science and Technology under the category of 'Electronics and Communication Engineering' specialization.

**Dr. Bhagyalaxmi Jena**, Senior Assistant Professor, Department of Electronics & Communication Engineering (ECE) was awarded the 'Best Women Faculty Award' on 22 September 2021 by Novel Research Academy, Puducherry during the academic year 2021-22 for her academic contribution in Science and Technology under the category of 'Electronics and Communication Engineering' specialization.

## RESEARCH & PUBLICATIONS

Scopus Indexed journals: **6**

Book Chapters: **2**

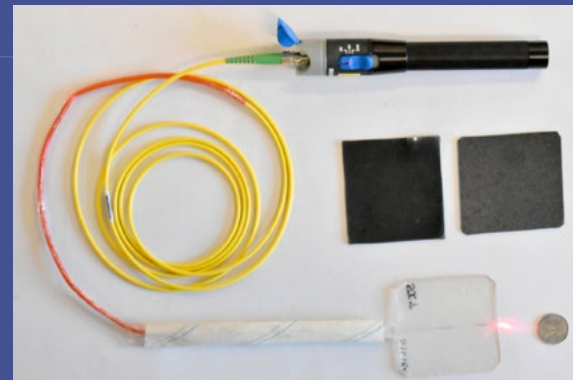Conference proceedings: **4**

Patents: **2**

## Paper Presentation in IEEE 19th International Conference 2021

Ms. Monorama Swain, Senior Assistant Professor, Department of Electronics & Communication Engineering (ECE), presented a DST sponsored paper titled 'Convolutional Gated Recurrent Units (CGRU) for Emotion Recognition in Odia Language', under the track Systems, Man, and Cybernetics in IEEE EUROCON 2021, 19th International Conference on Smart Technologies.

The event was held from 6-8 July 2021 in a virtual setting hosted from Ukraine. This paper represents a detailed study that includes the creation and evaluation of an Odia speech emotional database along with the design and testing of the accuracy level of the model considered for the emotion recognition basis.

## SiliconTech researchers make advances in the design of FBG sensors

During the third quarter, the SiliconTech Optical Sensor Research group made new advances in the design of Fiber Bragg Grating (FBG) sensors for vibration monitoring applications. FBG sensors have been designed with PDMS (PolydimethylSiloxane) polymer deposits on the FBG sensing element, making them flexible enough for easy installation on any surface. Signal application from the sensor was studied successfully using a state-of-the-art Ibsen I-MON high- speed FBG Interrogator interfaced with the National Instruments LabVIEW application, indigenously developed at SiliconTech. Researchers at the Optical Sensor group are focusing on developing high temperature sensing using FBG sensors embedded in nanocomposite materials, which is a challenging area of research.

# STUDENT ACHIEVERS

## Srijan Paul wins *Tezos India Fellowship 2.0*



Srijan Paul (CSE, 2023) was one of the 30 block chain technology developers chosen across the country for Tezos India Fellowship 2.0. Tezos India Fellowship 2.0 selected and mentored 30 top developers and supported them in learning Tezos stack while receiving $2000 in stipend over the course of the 8 week mentor led program. Srijan has also completed Google Summer of Code 2021, contributing to the open source project LabLua.

## Prasansha Satpathy wins prize in *Hack Girl Summer 2.0* Hackathon

Prasansha Satpathy from B.Tech. CSE, Batch 2023 won the prize for the 'Best use of Google Cloud' category in the 'Hack Girl Summer 2.0' online gender – focused hackathon, hosted by Major League Hackathon (MLH) during 4 - 6 Jun 2021. The prize was sponsored by Google. Prasansha designed 'ROSE', a gender fair focused virtual assistant which assists in realization of unconscious bias.



## JCoders win prizes at *Hack the Mountains 2.0*

The JCoders team of Sumeet Naik, Sunil Panda, Ayush Mohanty from Computer Science & Engineering (CSE) and Nishikanta Ray from Electronics & Communication Engineering (ECE), Batch 2023 received the Affinidi prize at the international level hackathon 'Hack the Mountains 2.0', a 36 hour virtual hackathon organized by the tech community from Jammu and Kashmir, 'SUDAN'S Tech'. The team built a portal where people could verify the authenticity of a drug, thereby eliminating the black market where unauthorized or expired drugs are sold to unsuspecting buyers. They received a prize money of 10,000 INR worth ETH.


Nishikanta Ray          Sumeet Naik


Sunil Panda          Ayush Mohanty

## Anirudh Panda gets runner-up prize in *HashnodeXAuth0* Hackathon



Anirudh Panda from BTech EEE Batch 2023 got the Runners Up prize in HashnodeXAuth0 Hackathon conducted in August 2021, where Hashnode partnered with Auth0 for a Hackathon. The Hackathon had two stages - building a minimum viable product (MVP) within the given time and writing a blog about it in Hashnode. Anirudh created an app called 'Opentek' which tried to solve the problem of excessive Google searching to find events, programs, or resources.

## Anurag Upadhyay gets placed in Kuvera with 18 LPA

Anurag Upadhyay (CSE, Batch 2021) has been placed in Kuvera – one of the top fintech companies based in India, with a salary package of 18 LPA. Anurag had also got an offer of 14 LPA from PeopleStrong. Anurag was an active member of Robotics Club and IEEE & CSI Learning Societies. He was also one of the students who was selected by Infosys for the Power Programmer role with a package of 8 LPA.

# Sachin Kumar Rawani gets placed in Akridata with 12 LPA

Sachin Kumar Rawani (CSE, Batch 2021) has been placed in a California USA based startup, Akridata which offers the Edge Data Platform for the Autonomous World, with a package of 12 LPA. Sachin was one of the team members of the team Creative_Beings which won the Smart India Hackathon (SIH) 2020 – Software Edition.

# Ajit Kumar Patro gets placed in Intel with 7 LPA

Ajit Kumar Patro (ECE, Batch 2021) a member of Advanced VLSI Lab of Silicon, got placed in Intel India Pvt. Ltd., a core VLSI company that is the world's largest semiconductor chip manufacturing company, with a package of 7.2 LPA. Ajit was also a member of Silicon Scholars' club. He was also awarded 2nd runner up for outstanding academic performance in ECE branch in the year 2019-20.

# Saswati Parija and Swagat Behera get placed in JSPL with 6LPA

Saswati Parija and Swagat Behera from EEE branch, 2021 have been selected by Jindal Steel and Power Limited (JSPL) with a package of 6 LPA. Jindal Steel and Power Limited (JSPL) conducted its placement drive for students from electrical engineering disciplines who were interested to pursue a career in the core sector, under its Graduate Engineers Training (GET) program. Jeetendra Kumar Panda, Hena Nayak and Bhaiya Nischya Kumar Sinha from EEE, Batch 2020 were also selected with 6 LPA package in this pooled drive.

# ENTREPRENEURSHIP DEVELOPMENT CELL

## Business Model Canvas

Our Entrepreneurship Development Cell (ED Cell) and Institution Innovation Council (IIC) organized a session on 'Business Model Canvas (BMC)' on 3 July 2021. Mr. Joydeep Rakshit, Director Sales, CloudEdz, Hyderabad conducted the session. He described how to develop a BMC and the importance of a BMC before launching a product in the market. 30 students and 5 faculty members attended the session.

## Session on Innovation/ Start-up ecosystem enablers

SiliconTech's Entrepreneurship Development Cell (ED Cell) and Institution Innovation council (IIC) organized an online session on start-up ecosystem enablers on 8 July 2021. Prof. (Dr.) Lalat Indu Giri, NIT, Goa, was the resource person. Dr. Giri in his talk highlighted the opportunities in the agricultural sector where we can adopt innovative practices. Dr. Mahendra Prasad Agasty spoke about SwitchTech Incubator Foundation and Silicon Innovation and Incubation Centre. He also spoke about the activities of MSME, Business Incubator at Silicon.

## Session on Intellectual Property Rights

SiliconTech's Entrepreneurship Development Cell (ED Cell) and Institution Innovation council (IIC) organized an online interactive session on Intellectual Property Rights (IPR) on 10 July 2021. The resource person was Dr. S.K Kar, Head of IP Facilitation Centre, CTTC, Bhubaneswar. The objective of the session was to create awareness on IP and access to IP related services & assistance for startups. 35 students from across branches attended the session.

## World Entrepreneurship Day

SiliconTech's Entrepreneurship Development Cell (ED Cell) and Institution Innovation council (IIC) observed World Entrepreneurship Day on 24 August 2021 by organizing a panel discussion with entrepreneurs as panelists. Dr. Mahendra Prasad Agasty, FIC ED Cell gave the welcome address. Mr. Suresh Chandra Nayak, Promotor, Director & Chief Executive Officer of SiliconTechLab (STL), Mr. SurendraNath, Director, Vaisali Dairy Private Limited and SiliconTech alumnus (Batch 2013) along with Mr. Swayam Vikash Pattanaik founder of 'Startup Tyme' were the panelists. Mr. Bhabani Shankar Pani of Span Resource Management moderated the discussion and concluded it by congratulating the entrepreneurs for their accomplishments in their startups.

## SiliconTech's ED Cell and D2C Igniters Club organize FINMANTRA

SiliconTech's Entrepreneurship Development Cell (ED Cell) and D2C Igniters Club organized 'FINMANTRA', a two day webinar on Personal Financial Planning from 25 - 26 September 2021. Dr. Mahendra P. Agasty, Faculty-In-Charge, ED Cell, gave the welcome address. Mr. Dhananjay Banthia, Founder, Smart Acumen Consulting and a certified financial planner was the keynote speaker. Mr. Banthia spoke about financial planning dynamics of stock market and mutual funds.

# INDUSTRY INTERFACE CELL

## Placement Highlights

Placement drives for Batch 2022 started in virtual mode. SAP Labs selected 10 students through its Scholar Program, where the selected students will receive a monthly stipend of INR 35000, during their two-year Master's program at BITS, Pilani and upon completion of their program, they will receive an 8.35 LPA salary package. Cozentus selected 10 students for the Practice School program and has given PPO offers to 4 students with a 4 LPA package. Accolite Digital offered 4 students internship-cum-PPO offers, where the interns will be paid a stipend of 20k during the internship period, and a package of 5-8 LPA after the internship period. Value Labs selected 17 students with a package of 4 - 4.5 LPA.Aptus Data Labs selected 2 students with an internship-cum-PPO offer with a 5.1 LPA package. Infosys selected 20 students with a 3.6-5 LPA package through HackWithInfy, InfyTQ and higher package drives. Apart from this, students from 2021 graduating batch have also got their placement offers this quarter in companies like Broadridge, HCL, HSBC, Akridata , BRN Commerce, People strong , eClerx, Intel,Kuvera, JSPL and Cozentus.

## Pre Placement Training

The Pre-placement training has started from 13 September 2021 for the 2023 graduating batch in the virtual mode. All the registered students will go through the training in the areas of aptitude, reasoning, soft skills and programming skills. Apart from this, all the students will be provided with a dedicated LMS- based platform where they can get access to practice tests, assignments, interview questions and can also apply for different digital internship opportunities.

# Summer Internship 2021 concludes its 2nd phase

The second phase of summer internship program was conducted mostly by industry experts from 9 August to 5 September 2021 to help students learn a new skill or upskill in the latest technologies. 10 summer internship programs across various skill sets like Python, Full stack PHP, Problem solving using C, Machine learning using Python, Java, SEO and Digital Marketing, Internet of Things (IoT) and Analytics using Python, DevOps on AWS and Basic Analog and Digital Electronics System Design were offered to B. Tech. 1st year students, MCA and M. Sc. Students. 581 students, participated in these skilling programs. The first phase of summer internship was conducted earlier from 15 May to 27 June where 850 students from 2nd and 3rd year had participated.

# Practice School drives for Batch 2022

Practice School (PS) drives for Batch 2022 started in the virtual mode with Cozentus selecting ten students. Till date, 45 students have been selected by different companies for doing their PS in their 7th / 8th semester through PS drives. The companies that have selected students through the PS drives till date are Cozentus, Devathon, STMicroelectronics , Micron, Flyttta, Larkai, STL, Accolite, DGliger, ALLD Technologies, Aptus Data Labs, Maventic and PRDC. All the selected students are receiving a monthly stipend in the range of INR 10000- 25000 during their PS internship. Accolite, Maventic and Cozentus have already offered PPOs to some of the selected students through the PS program. SiliconTech's Industry Interface Cell (II Cell) launched the Practice School (PS) program for final year students in March 2021.

# WTN Program

Wipro Talent Next (WTN) Program is a unique and collaborative model that aims to bridge the gap between Industry and Academia. As part of this program, 153 students from the 2022 graduating batch are being trained in Java Full Stack by WTN certified faculty who have been engaged exclusively for conducting this program which comprises of three milestone assessments.

# In-house GATE preparatory classes

The in-house GATE preparatory classes for students who intend to appear for GATE 2022/ GATE 2023 have started in virtual mode with experienced inhouse and external GATE qualified faculty members. Indian Institute of Technology (IIT), Kharagpur is the organizing Institute for GATE 2022. SiliconTech has been conducting GATE preparatory classes since 2007. In GATE 2021, the top ranks acquired by our students were AIR 20 (CSE), AIR 67 (CSE), AIR 381 (EEE).

# Higher Studies

Akash Kumar (CSE, Batch 2020) with an AIR 20 in GATE 2021, joined MTech in Computer Science Engineering at IIT Bombay. Koustav Ray (CSE, Batch 2021) with an AIR 67 in GATE 2021 is pursuing M.Tech. in Artificial Intelligence (AI) in IISc Bangalore.

ALUMNI IN FOCUS

## SUKESH KUMAR DASH
Senior Full Stack Developer (Consultant), Citibank, UK
B. Tech. (ETC) 2002-2006

Sukesh is currently working with Citibank, UK as an independent Consultant. He has been working with various finance, banking and non-finance clients to understand their requirements, provision IT consulting services and build internal and external applications for front office and middle office. Prior to working with Citibank, Sukesh was working with Satyam Computers, Accenture, Photon Infotech, Total eBiz and Standard Chartered bank in Singapore. As part of his long term vision, he wishes to set up his consulting company in the UK, a part of that will be in Odisha.
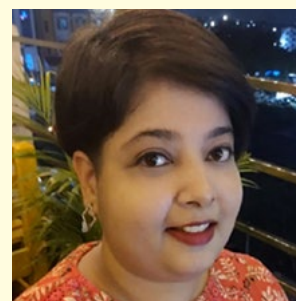
## ROSALIN MOHAPATRA
ESenior Business Analyst, PricewaterhouseCoopers (PwC), New Zealand
B. Tech. (ETC) 2003-2007

Rosalin has been working as a Senior Business Analyst at PwC, New Zealand since 2017. She has also worked for major high street UK banks (Lloyds Bank, UBS) as onsite opportunities from HCL which she joined after completing MBA from ICFAI, Hyderabad. Her future aspiration is to lead business transformations through strategic IT changes. Prior to that, she was a developer with Accenture which was through campus placement at Silicon.

## SUJATA PANIGRAHI
Business Process Senior Manager, DELL, Bangalore
B. Tech. (ETC) 2002-2006

Sujata is a seasoned IT professional with 15 years of experience helping clients across the globe with multi-disciplinary, large scale deadline-driven projects with many critical dependencies. Currently, Sujata is a Business Process Senior Manager, leading IT focused strategic initiatives to streamline global infrastructure & services, standardize global operations, and enable best-in industry self-service experience for Dell's direct customers, partners, and distributors.

## AMIT KUMAR AGARWAL
Promoter, Laxmi Logistics
B. Tech. (EIE) 2004-2008

Amit is the Promoter of Laxmi Logistics, Cuttack, one of the leading businesses in Logistics in Eastern India. After graduating from Silicon, Amit did his MBA from NMIMS, Mumbai where he learned about global business methods. His expertise includes warehouse operations, operations management, import, freight, and logistics management. After joining his family business in 2012, Amit took the first step towards rebranding it as a powerhouse and that led to the creation of 'Laxmi Logistics'. His vision is to make Laxmi Logistics the leading logistics company in India.