SUPREME KNOWLEDGE FOUNDATION

1, Khan Road, PO: Mankundu, Chandannagar, State: West Bengal, India

TWO INSTITUTIONs UNDER SKF

SUPREME KNOWLEDGE FOUNDATION GROUP OF INSTITUTIONS (SKFGI)

AND

SUPREME INSTITUTE OF MANAGEMENT & TECHNOLOGY (SIMT)

Status (Self-Financing/ Government aided/ Other): **Self-Financing**
Shift (First shift/ Second shift/Both):**First Shift**
Governance: **Board of Governors**

APPROVED BY All India Council of Technical Education (AICTE)

AND

AFFILIATED TO Maulana Abul Kalam Azad University of Technology, West Bengal (MAKAUT, WB)

Supreme Knowledge Foundation (SKF): Pioneering Excellence in Education

Established in 2009 in the historic town of Chandannagar, West Bengal, India, SKF has consistently been at the forefront of delivering high-quality technical and other education in Eastern India. Offering a wide array of formal degree programs across Engineering, Management, Healthcare, Design, Hospitality, and Technology, SKF is committed to shaping the next generation of professionals equipped with both technical expertise and strong human values.

At SKF, students are provided with extensive industrial exposure, ensuring they are well-prepared for the challenges of the professional world. The institution boasts state-of-the-art infrastructure, a dedicated and highly qualified faculty, and a serene, lush green campus, creating an ideal environment for learning. Located in Hooghly, West Bengal, SKF emphasizes holistic development, offering co-curricular activities that allow students to showcase their talents, sharpen their managerial skills, and foster peer interaction.

In addition to degree programs, SKF provides valuable certifications alongside courses, enhancing foundational skills, boosting student engagement, and opening diverse career pathways. These value-added certifications help students stand out in the competitive job market, ensuring they are not only academically proficient but also industry-ready. At SKF, we leave no stone unturned in shaping professionals who are prepared to make a positive impact globally.

➢ Unique Selling Propositions (USPs) of Supreme Knowledge Foundation (SKF)

	Unique Selling Propositions (USPs) of Supreme Knowledge Foundation (SKF)
1	**Global Exchange Programs:** SKF actively seeks collaborations with leading foreign universities, providing students with ample opportunities for international exchange programs. This allows students to experience diverse educational environments and gain exposure to global best practices.
2	**Wide Range of Research Areas:** SKF offers a vast array of research opportunities across various disciplines, ranging from engineering and medical sciences to business administration. This breadth enables students and faculty to engage in cutting-edge projects that contribute to both academic and industry advancements
3	**Extensive Industry Collaborations:** SKF maintains strong ties with numerous industry leaders and global corporations. These collaborations enhance learning experiences through internships, live projects, and career development programs, providing students with valuable industry insights and hands-on experience
4	**National and International Academic Partnerships:** SKF has developed extensive collaborations with renowned national and international universities, enabling students and faculty to engage in joint research, academic exchanges, and educational events, further enriching their academic journey
5	**Focus on Technological Innovation:** SKF is dedicated to driving technology innovation across key fields such as engineering, medical sciences, and business administration. With state-of-the-art facilities and resources, the university supports the development of new technologies and solutions that address global challenges.
6	**State-of-the-Art Infrastructure and Facilities:** SKF is equipped with modern infrastructure, including cutting-edge labs, libraries, and learning resources, offering students the tools and environment necessary for practical learning, research, and personal development.
7	**In Campus Hostel Facilities:** SKF offers modern and comfortable in-campus hostel facilities designed to provide a safe, secure, and conducive living environment for students. The hostels (Both Girls and Boys) are equipped with all essential amenities, including spacious rooms, 24/7 security, Wi-Fi connectivity, common rooms, and laundry services. Students can enjoy a home-like atmosphere, with access to well-maintained dining facilities. Additionally, the hostels are located within the college campus, ensuring easy access to academic buildings, sports facilities, and recreational areas. The hostel facilities are designed to promote an environment of collaboration and personal growth.

PROGRAMME / COURSES OFFERED

At SKFGI		At SIMT	
Programme	**Course Name**	**Program**	**Course Name**
Engineering & Technology (UG Level)	Computer Science and Engineering (CSE)	**UG Level)**	Bachelor in Computer Applications
	Computer Science and Engineering (Artificial Intelligence and Machine Learning) (CSE (AI&ML))		B.Sc. in Cyber Security
	Computer Science and Business Systems		Bachelor of Business Administration
	Computer Science and Engineering (Data Science)		Bachelor of Business Administration (Hospital Management)
	Electronics and Communication Engineering		B.Sc. in Hospitality & Hotel Administration
	Electrical Engineering		B.Sc. in Medical Lab Technology
	Mechanical Engineering		B.Sc. in Critical Care Technology
	Civil Engineering		Bachelor of Optometry
Engineering & Technology (PG Level)	M.Tech in Computer Science and Engineering		B.Sc. Multimedia Animation & Graphics
Computer Application (UG Level)	Bachelor in Computer Applications	**PG Level**	Master of Optometry
Computer Application (PG Level)	Masters in Computer applications		M.Sc. in Animation & Graphic Design
Management (UG Level)	Bachelor of Business Administration		
Management (PG Level)	Masters in Business Administration		
Diploma in Engineering	Mechanical Engineering		
	Electrical Engineering		
	Civil Engineering		

A BRIEF OVERVIEW ABOUT COURSES

Electronics and Communication Engineering (ECE):

The ECE department focuses on designing and developing electronic devices, communication systems, and signal processing technologies. It prepares students for careers in electronics, telecommunications, and IT sectors.

• Expert Faculty: Faculty with expertise in digital systems, wireless communication, embedded systems, and signal processing.

• Industry Collaborations: Partnerships with telecom companies (e.g., Ericsson, Vodafone), electronics manufacturers (e.g., Intel, Qualcomm), and R&D labs including collaboration with CEERI PILANI for cutting-edge research.

• Internships & Placements: Internship opportunities in telecom, electronics manufacturing, embedded systems, and communication firms. Graduates find placements in sectors like telecom, consumer electronics, and electronics design.

Department of CSE / CSE (AIML)/ CSE (DATA Sc.):

These departments remain focused on cutting-edge technology education, including:

• Expert Faculty: Professors with expertise in AI, ML, and data analytics.

• Industry Collaborations: Partnerships with top tech companies like Google, Microsoft, and startups.

• Internships & Placements: Strong industry ties for internships and placement opportunities in top firms.

The MTech in CSE program provides advanced knowledge in areas such as machine learning, data science, artificial intelligence, cybersecurity, and software engineering. It is research-oriented, preparing students for specialized careers in technology development and academia.

Bachelor of Computer Applications (BCA) /BSc. in Cyber Security:

The BCA program focuses on computer applications, software development, and IT systems, while Cyber Security specifically deals with protecting digital information from cyber threats. Highlights include:

• Expert Faculty: Professors with expertise in programming, networking, data security, and system administration.

• Industry Collaborations: Collaborations with tech firms, IT security companies, and cybersecurity research labs to provide real-world experience.

• Internships & Placements: Internship opportunities in IT companies, software firms, and cybersecurity agencies. Graduates can pursue careers in software development, network security, IT consulting, and ethical hacking.

Master of Computer Applications (MCA):

The MCA program offers advanced studies in computer applications, software engineering, and IT systems, preparing students for high-level roles in the IT industry.

• Expert Faculty: Faculty with expertise in software development, system design, and programming languages.

• Industry Collaborations: Strong ties with IT companies, software development firms, and tech startups for research and development opportunities.

• Internships & Placements: Internship opportunities with leading IT companies, providing hands-on experience in software engineering, systems analysis, and web development. Placement opportunities are in software development, database management, and IT consulting.

Civil Engineering (CE), Mechanical Engineering (ME), Electrical Engineering (EE):

These departments offer both Diploma programs and Undergraduate courses that provide students with technical expertise in engineering.

• Diploma in Engineering (ME, EE, CE): These diploma programs focus on practical knowledge and skills needed to excel in core engineering roles. Graduates of these programs often work in technical support, project management, and junior engineering roles in their respective fields.

• Expert Faculty: Faculty with industry experience in structural engineering, manufacturing, automation, power systems, and more.

• Industry Collaborations: Strong ties with engineering firms, construction companies, energy sectors, and automotive industries for real-world exposure.

• Internships & Placements: Internship opportunities with leading construction firms, power plants, automotive manufacturers, and other engineering sectors. Placement opportunities include roles in design, project management, and systems engineering.

Bachelor of Medical Lab Technology (BMLT):

The BMLT program trains students in medical laboratory techniques used in diagnosing and treating diseases. Key features include:

• Expert Faculty: Professors with expertise in clinical diagnostics, laboratory management, and pathology.

• Industry Collaborations: Collaborations with hospitals, diagnostic labs, and healthcare institutions for practical training and exposure.

• Internships & Placements: Internship opportunities in renowned hospitals, diagnostic centers, and healthcare providers. Graduates can pursue careers as lab technologists, clinical researchers, or healthcare managers.

BSc in Critical Care Technology:

The BSc in Critical Care Technology focuses on training students to provide medical care in critical and emergency situations. Highlights include:

• Expert Faculty: Faculty with experience in emergency care, ICU operations, and patient management.

• Industry Collaborations: Partnerships with hospitals, health organizations, and emergency care services for internships and exposure to real-life scenarios.

• Internships & Placements: Internship opportunities in top hospitals, ICUs, and emergency care centers, preparing students for roles as critical care technicians, respiratory therapists, or emergency care professionals.

Bachelor & Masters in Optometry:

Recognition : Member of Association of schools and colleges of Optometry, Optometry Confederation of India

Knowledge Partners : Lenskart, Titan Eye plus, Sanakara Nethralaya, Carl Zeiss, Netrhralayam Eye hospital, LV Prasad Eye Institute

Optometry department has the state of the art optometry laboratory and community Eye clinic for students practice and demonstration and community Eye health check up for patients.

Speciality labs and clinics : Low vision clinic, Contact lens clinic, Binocular vision and pediatric optometry clinic,

Clinical refraction lab, Ophthalmic dispensing lab, Ophthalmic instruments lab

Other activities of the department: Community outreach program, School vision screening program, Participation in national and international optometry conferences, Student externship program Student internship program, Industry visits, Industry aligned seminars and workshops

For further reference: Soumendra Nath Ghosh, Masters in optometry (Moptom)
(Visiting Research scholar in vision Science, Anglia Ruskin University, Cambridge UK and
Australian Award Fellow New South Wales ,Sydney Australia ,
HOD and Mentor , Supreme Institute of Management Technology
soumendra.ghosh@skf.edu.in

Department of Business Administration: Bachelor of Business Administration (BBA), Bachelor of Business Administration in Hospitality Management (BBA HM), BSc in Hospitality and Hotel Management

These programs offer business education with a focus on management in general or hospitality. Features include:

• Expert Faculty: Experienced faculty with industry knowledge in business management, operations, marketing, and hospitality.

• Industry Collaborations: Strong ties with the hospitality industry, including hotel chains, resorts, and tourism agencies. Guest lectures, internships, and corporate visits are frequent.

• Internships & Placements: Internship opportunities with leading hotels, resorts, event management companies, and travel agencies. Graduates find placement in managerial roles within the hospitality and service industries, including hotels, event planning, and tourism management.

Master of Business Administration (MBA):

This program provides management education, preparing students for leadership roles in various industries. Highlights include:

• Expert Faculty: A blend of academic experts and industry professionals in areas like finance, marketing, operations, and HR.

• Industry Collaborations: Strong connections with consulting firms, financial institutions, and multinational companies for real-time business case studies and placements.

• Internships & Placements: Internship opportunities with top management firms, banks, multinational corporations, and startups. MBA graduates typically secure leadership roles in business strategy, finance, marketing, and operations

Overall Structure and Opportunities for All Departments:

• Expert Faculty: Across all programs, there is a mix of seasoned faculty members, industry professionals, and researchers who ensure that students receive a blend of theoretical knowledge and practical insights.

• Industry Collaborations: Every department has robust industry partnerships, whether with tech firms, engineering companies, healthcare institutions, hospitality groups, or business consultancies. These collaborations are key to bridging the gap between education and real-world applications.

• Internships & Placements: Practical exposure through internships is a key component of education in all these programs. Whether in engineering, medical technology, hospitality, or business, students benefit from internships that offer real-time experience. Placement support ensures that students secure jobs in top-tier companies across industries.

• Research and Development Opportunities: In addition to internships, students in fields like CSE, AIML, Data Science, and Engineering often have the chance to participate in industry-driven research projects. In healthcare, students in BMLT and Critical Care Technology may contribute to clinical research and

innovations in patient care.

• Diplomas and Specialized Programs: For those seeking a more hands-on, technical education, Diploma programs in Mechanical Engineering (ME), Electrical Engineering (EE), and Civil Engineering (CE) offer an entry path into core engineering fields. Specialized programs like Cybersecurity and Critical Care Technology prepare students for emerging fields, ensuring that they are highly sought after in the job market.

In conclusion, these programs provide a comprehensive education designed to equip students with the necessary knowledge, skills, and industry experience to succeed in their chosen fields, whether it's engineering, business, healthcare, cybersecurity, or hospitality. They combine strong academic foundations with practical, industry-focused opportunities to ensure graduates are ready for the challenges of the professional world.

A FEW OF OUR COLLABORATIONS [MEMORANDUM OF UNDERSTANDING (MoU)]

	External Party	MoU start date
	DATA FLAIR WEB SERVICES PVT LTD	13TH FEB 2024
	TRAVARSA PRIVATE LIMITED	14TH JUNE 2023
	TCM STUNNER IT CONSULTANT LLP	15TH JUNE 2023
	JBCH (JOINT & BONE CARE HOSPITAL)	17TH DEC 2022
	INDIAN CYBER SECURITY SOLUTIONS	1ST AUG 2022
	EDUNET FOUNDATION	19TH JAN 2022
	RELIANCE JIO	8TH JULY 2015
	INDAS MAHAVIDYALAYA BANKURA	16TH MARCH 2023
	CSIR-CEERI PILANI	11TH MAY 2016, 15TH SEPT.,2024
	WEB INDIA SOLUTIONS LLP	18TH APRIL 2019
	NBIRT	19TH JAN 2013
	TEAM COGNITO	27TH APR 2019
	PREMIUM INDUSTRIAL SOLUTIONS PVT. LTD.	17TH MAY 2019
	AUNWESHA KNOWLEDGE TECHNOLOGIES PVT.LTD,	27TH APRIL 2019
	DATA BRIO ACADEMY	26TH MAY 2015
	NBI INSTITUTE OF RURAL TECHNOLOGY	20TH JUNE 2016
	DKZ INFO SOLUTIONS PVT. LTD	3RD SEPT 2016
	ESL	15TH JUNE 2016
	GARCRUD PRIVATE LIMITED	25 TH FEB 2022
	LIVE LINE ELECTRONICS	18TH JUNE 2019
	NSQF - WEBEL IT PRIVATE LIMITED	18TH JUNE 2021
	NSQF - CAR HOSPITAL	19TH JUNE 2021
	NSQF - FOCUS INDIA	18TH JUNE 2021
	NSQF- TEST METAIL CORPORATION	18TH JUNE 2021
	NSQF- LEXUS MOTOR LIMITED	19TH AUG 2021
	NSQF- XVIOT TECHNOLOGIES PRIVATE LIMITEDSKFGI	18TH JUNE 2021
	NSQF- LIVELINE ELECTRONICS	18TH JUNE 2021
	IBM	27TH OCT 2010
	DEPARTMENT OF YOUTH AFFAIRS, MINISTRY OF YOUTH AFFAIRS & SPORTS	28th Aug 2024
	OPERATIONAL RESEARCH SOCIETY OF INDIA	22nd Aug 2024
	BAJAJ FINSERV	22nd sept 2024
	ALPHABETZ DIGITAL ACADEMY PVT. LTD	24th Nov 2024
	CAPE PENINSULA UNIVERSITY OF TECHNOLOGY	**29TH JAN 2025**

A FEW RECENT RECOGNITIONS

Sumit Kumar Varshney, Dr.Souma Guha Mallick, Dr. Amit Kumar Varshney, Sayan Chatterjee, **BN Basu** received the **best paper award** for the paper on "Compact Ambient RF Energy Scavenger for WSNs" presented in 3rd International Conference on Data, Electronics and Computing (ICDEC-2024) held from September 18th-20th, 2024 Organised by Erciyes University, Talas, Kayseri, Turkey & COMSYS Educational Trust, Kolkata, India

Memorandum of Understading with **CSIR CEERI, PILANI**

Collaboration with CAPE PENINSULA UNIVERSITY OF TECHNOLOGY

OVERALL ACADEMIC ACTIVITIES

COMPUTER LAB CONFIGURATION: AN OVERVIEW

Our lab is equipped with high-performance systems to support a wide range of computing needs. Each workstation features the latest multi-core-processors and, a minimum of 8 GB RAM for fast processing and efficient computing. The lab is powered by high-speed internet with dedicated LAN connections to ensure seamless online research and coding. A state-of-the-art projector and interactive whiteboard facilitate effective teaching and demonstrations. The lab is also designed for collaboration, with group discussion spaces and remote access options for students to work on projects from anywhere. With this robust configuration, our lab provides an ideal setting for students to learn, innovate, and prepare for real-world IT challenges.

➢ POTENTIAL COLLABORATION / RESEARCH OPPORTUNITIES AT SKF

	Faculty Member	RESEARCH DOMAIN
	Prof. (Dr.) B.N.Basu	Vacuum Electron Devices (Microwave Tubes)
	Prof. (Dr.) Souma Guha Mallick	Microwave Substrate Integrated Web Guide (SIW) Passive Component
	Prof. (Dr.) Dhrubasish Sarkar	Computational Social Science, Machine Learning, AI for Social Good
	Prof. (Dr.) Tripti Guin Biswas	Metallic Glasses / Bulk Metallic Glasses / Nano Materials / Advanced Materials
	Prof. (Dr.) R.K. Patra	Human Resource Development
	Prof. (Dr.) Navonil Bose	Energy Harvesting / Energy Storing / Flexible Electronics / Advanced Materials
	Prof. (Dr.) Goutam Chakraborty	Hydromagnetic Non Newtonian and Micropolar Fluid Mechanics
	Prof. (Dr.) Subir Kumar Das	Robotics, Computer Vision System,Artificial Intelligence
	Prof. (Dr.) Aritra Bandyopadhyay	Image Processing, Pattern Recognition, Soft Computing
	Prof. Sourav Ghosh	Steganography, 3D SOC Testing ,Biochip Testing, Machine Learning
	Prof. Koyel Chakraborty	Deep Learning, Machine Learning, Image Processing
	Prof. Subrata Das	Algorithm, VLSI Physical Design
	Prof. Sritama Samanta Chakraborty	Deep Learning, Machine Learning
	Prof. Sayon Ghosh	IoT
	Prof. Niltopal Bhandary	
	Prof. Abhishek Banerjee	Robotics with AI
	Prof. Dipankar Chatterjee	Deep Learning, Security
	Prof. Manika Debnath	
	Prof. Shibdas Bhattacharya	
	Prof. Sourav Nag	Natural Language Processing, Deep Learning
	Prof. Subrata Modak	Cryptography and Network Security, Soft Computing, Artificial Intelligence, Image Processing
	Prof. Subimal Nandy	Cloud Computing
	Prof. Parizat Mandal	Network Security, Cryptography
	Prof. Sulagna Basu	Image Processing
	Prof. (Dr.) Amit Kumar Varshney	Microwave Tubes and Antenna
	Prof. Monisha Ghosh	Tera Hartz domain application of Impact Diod

	Prof. (Dr.) Shafique Ahamed	Entreneurship / Micro, Small , Medium Entreprises: Development and Digitalisation Adoption/ Consumer Behaviour
	Prof. Priyanka Chakraborty	Human Resource Management
	Prof. Arijit Chowdhury	Nurge consumer behaviour of FMCG products
	Prof. Anusree Bose	Idiosyncratic Volatility and Market Return : Relevance of Investors' sentiment and Corporate
	Prof. (Dr.) Mausumi Adhya	Biochemistry, Microbiology, Molecular Biology, Glycobiology
	Prof. (Dr.) Prasun Haldar	Human Physiology
	Prof. (Dr.) UttaraDeyBhowmick	Microbiology and Molecular Biology
	Prof. Rosalind Chakraborty	Medical Nanotechnology
	Prof. Souvik Das	Healthcare Quality & Patient Safety
	Prof. Madhurima Roy	Hospital Operation
	Prof. Rubi Sinha Manapatra	
	Prof. Manas Mukherjee	Power Loss Optimization, Microgrid, DG
	Prof. Kiron Nandi	Analysis of Power Quality Event
	Prof. Sagnik Datta	Microgrid and Its Protection
	Prof. Niladri Mukherjee	Fault Analysis of Power System
	Prof. (Dr.) Abhishek Ghosh	Precision Manufacturing
	Prof. Bitasta Ghosh	Sediment Budgeting In the Tidal Stretch of River
	Prof. (Dr.) Chhanda Koley	Optical Image Processing
	Prof. Tandra Sarkar	Complex Analysis, Complex Manifold

- **RECENT RESEARCH PUBLICATION LIST FROM SKF**

	Sumit Kumar Varshney, Souma Guha Mallick, Amit Kumar Varshney, Sayan Chatterjee, **BN Basu,** Compact Ambient RF Energy Scavenger for WSNs, 3rd International Conference on Data, Electronics and Computing (ICDEC-2024) held from September 18th-20th, 2024
	B. N. Basu,"Journey of Amarjit Singh from Phagwara to Pilani," *IETE Journal of Education* (2023), vol. 64, no. 2, pp. 71-78.
	Xin Wang, Xuanming Zhang, JianjunZou, Shaozhe Wang, Junjie Huang, Shifeng Li, Yongming Li, Yurong Liu, Min Hu, Yubin Gong, EdlSchamiloglu, **B. N. Basu**, and ZhaoyunDuan, "Experimental demonstration of compact S-band MW-level metamaterial-inspired klystron," *IEEE Electron Device Letters*(2023), vol. 44, pp. 152-155. (IF = 4.816; C = 1)
	Limin Sun, Hua Huang, Chaozheng Lu, **B. N. Basu,** Jie Tan, Peng Wang, Zhenbang Liu, Hu He, Liang Liu, JingfanZuo, ZhaoyunDuan, Zhanliang Wang, Shifeng Li, "Compact, stable, repetitive GW-Level S-band multibeam relativistic klystron amplifier operating over a longer period in a lower magnetic field (2023), vol. 70, pp. 6571-6578. (IF=3.221;C=6)
	B. N. Basu, "ChhariyeChhitiyeMuhurtogulo," RupamPrakashani, Kolkata (2023) (autobiography written in Bengali encompassing the author's experiences including those in the exploration of vacuum electron devices in different organizations in India and abroad)
	B. N. Basu, "OlpoSomoyerChotoGolpo," BichitropotroGranthanaVibhaga, Kolkata (2024)

	B. N. Basu, "MuchheJaoaDinguli," BichitropotroGranthanaVibhaga, Kolkata (2025)
	Sohom Roy, Soumik Ghosh, Chandan Giri, Dipak K Kole and **Dhrubasish Sarkar*.** Mining the Human Networks and Identification of Group Activities Using the Crime Scraping Engine. SN Computer Science, 4(5), 533, 2023. (Scopus indexed) [*Corresponding author]
	Moumita Chatterjee, Piyush Kumar and **Dhrubasish Sarkar*.** Generating a Mental Health Curve for Monitoring Depression in Real Time by Incorporating Multimodal Feature Analysis Thro Social Media Interactions, International Journal of Intelligent Information Technologies, 19 (1), 1-25, 2023. (Scopus/WoS/ESCI/ABDC indexed) [IF 2.3] [*Corresponding author]
	Snehadhanya Dutta, Moumita Chatterjee and **Dhrubasish Sarkar.** Forecasting Employment Trends in India's IT Sector: Leveraging Advanced Predictive Models for Sustainable Workf Development. In the 7th Regional Science & Technology Congress (Region-5), organized by BCKV, Kalyani and Department of Science & Technology and Biotechnology (DSTBT), Government of West Bengal, Jan 14 – 15, 2025
	Dhrubasish Sarkar,Snehadhanya Dutta and Moumita Chatterjee. Forecasting Renewable Energy Production in India: Integrating Stock Market Data with TIme-Series Models for Sustainable Energy Transition. In the 7th Regional Science & Technology Congress (Region-3), organized by Rampurhat College and Department of Science & Technology and Biotechnology (DSTBT), Government of West Bengal, Jan 10 – 11, 2025 (adjudged as an outstanding paper and honored with the best paper award).
	Manika Debnath, Subrata Modak and **Dhrubasish Sarkar**. Performance Evaluation of Application Laye IoT Protocols: MQTT and CoAP. In 2024 4th International Conference on Computer, Communication, Control & Information Technology (C3IT), pp. 1 – 6, IEEE, 2025. (Scopus indexed).
	Dhrubasish Sarkar. Sentiment Analysis for Detecting Early Signs of Depression in Social Media Posts. ePoster Presentation in Emerging Technologies for Health Care Workshop organized by AIIMS Delhi, MeitY, and CDAC held on October 22, 2024 (secured the 2nd position among nearly 100 submissions nationwide).
	Subhadeep Barua, Ritwika Chakraborty Akash Mondal, Moumita Chatterjee, Premananda Jana, Dipak Kumar Kole and **Dhrubasish Sarkar**. Analyzing Mental Health of Minority Communities on Twitter Using Keyword Extraction and LDA Topic Modeling. In the 3rd International Conference on Data, Electronics and Computing (ICDEC-2024), Erciyes University, Turkey, September, 2024.
	Dhrubasish Sarkar, Piyush Kumar and Moumita Chatterjee. Analyzing public opinions towards Climat Change from Online Social Media – A multi-modal feature-based approach. In the 6th Regional Science Technology Congress (Region-3), organized by Durgapur Government College and Department of Science & Technology and Biotechnology (DSTBT), Government of West Bengal, 2024
	Sutapa Bhattacharya, Gunjan Kumar Biswas, Bibek Roy, **Dhrubasish Sarkar*,** Koushik Majumder, Dipak Kumar Kole. A Study on Users Sentiment from Twitter Data and Stock Market During Russia-Ukraine War. In: Kole, D.K., Roy Chowdhury, S., Basu, S., Plewczynski, D., Bhattacharjee, D. (eds) Proceedings of 4th International Conference on Frontiers in Computing and Systems. COMSYS 2023 organized by IIT Mandi and COMSYS Educational Trust. Lecture Notes in Networks and Systems, pp. 185–195, vol 974. Springer, Singapore, 2024. https://doi.org/10.1007/978-981-97-2611-0_13 (Scopus indexed) [*Corresponding author]
	Manoswita Bose, Neepa Biswas, **Dhrubasish Sarkar.**Unraveling the Network Landscape: A Comparative Analytical Approach to Investigate Protein–Protein Interaction Networks in Normal v/s Tumor Cells. In: Kole, D.K., Roy Chowdhury, S., Basu, S., Plewczynski, D., Bhattacharjee, D. (eds) Proceedings of 4th International Conference on Frontiers in Computing and Systems. COMSYS 2023 organized by IIT Mandi and COMSYS Educational Trust. Lecture Notes in Networks and Systems, pp 483–506, vol 974. Springer, Singapore, 2024. https://doi.org/10.1007

	/978-981-97-2611-0_33 (Scopus indexed)
	Bannishikha Banerjee, **Dhrubasish Sarkar**, Blockchain-Based Quantum Resistant Electoral Managem System for the Post-Pandemic Era. In Ensuring Security and End-to-End Visibility Through Blockchain Digital Twins, pp 102-115, IGI Global, 2024.
	Bannishikha Banerjee, Dipayan Hazra, b IoT-Enabled Water Quality Management System for Rural Areas of Bharuch District. In: Kamilya, S., Biswas, A., Peng, SL. (eds) Water Informatics. Water Informatics for Water Resource Management, pp 33–47, Springer, Singapore, 2024. https://doi.org/10.1007/978-981-97-1518-3_3 (Scopus Indexed)
	Reema Roy, Piyus Kumar, Moumita Chatterjee and **Dhrubasish Sarkar*.** A Discourse Analysis of Twitter Communication to Foster Digital Diplomacy Between India and China. In Soft Power and Diplomatic Strategies in Asia and the Middle East (A volume in the Advances in Public Policy and Administration (APPA) Book Series), pp. 17 – 35, IGI Global, 2024 (Scopus Indexed) [*Corresponding author]
	Avishake Adhikary, Soma Debnath and **Dhrubasish Sarkar.** Machine Learning (ML) and Blockchain for IoE: A Deep Insight into Framework, Security, and its Applications with Industrial IoE. In Blockchain Technology for IoE, pp. 121-141. CRC Press, 2023. (Scopus Indexed)
	Subrata Modak, Rajesh Kumar Ghosh and **Dhrubasish Sarkar**. Predictive Analysis of Heart Disease Using Machine Learning Algorithms. In Cognitive Cardiac Rehabilitation Using IoT and AI Tools, pp. 151-165. IGI Global, 2023. (Scopus Indexed)
	Moumita Chatterjee, Subrata Modak and **Dhrubasish Sarkar*.** Mental Health Predictions Through Online Social Media Analytics. In Cognitive Cardiac Rehabilitation Using IoT and AI Tools, pp. 44-66. IGI Global, 2023. (Scopus Indexed) [*Corresponding author]
	Amit Kumar Varshney, N. Saravanakumar and P. Sridhar, "Terahertz metamaterial absorber design and parametric analysis for Quad/-Penta and Hexa band applications", JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, VOL. 25, NO. 11-12, PP. 534-542, NOV.-DEC, **2023**.
	Varshney, A.K., Basu, B., "Innovative method of broad banding a helical-TWT,"Journal of Physics: Conference Series 2023, 2484(1), 012045.
	Amit Kumar Varshney, Arun Kumar P, Praveen Kumar M, Poovendan R and S. Navaneethan, "Deployment of Braun Multiplier using Novel Adder Formulations," Proceedings of 2023 3rd International Conference on Smart Data Intelligence, pp. 571-576, **2023.**
	A. K. Varshney, C. Girish and D. Bhanu Prakash, "Design Of Planar Monopole Antenna For Wireless and Energy Harvesting Applications," 2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE), Chennai, India, **2023**, pp. 1-4, doi: 10.1109/RMKMATE59243.2023.10369768.
	A. K. Varshney, E. Padmaja, G. Chanakya and G. Maneeshchowdary, "Effect of Meandered Inductor on the Resonant frequency of Metamaterial Inspired Antenna," 2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE), Chennai, India, **2023**, pp. 1-6, doi: 10.1109/RMKMATE59243.2023.10369903.
	Amit Kumar Varshney, Goalla Sai Prudvi and Santhoshkumar R, "Design of Compact and Circularly Polarized Zeroth- Order Resonator Antenna for Wireless Applications", 2nd International Conference on Automation, Computing and Renewal Systems (ICACRS-**2023**), organised by Department of ECE, Mount Zion College of Engineering and Technology, Pudukkottai, Tamil Nadu, India, pp. 344-350.
	***Amit Kumar Varshney**, Bobba Sai Manoj, Yellathkota Puneeth and Yuvaraj S, "*Design of Highly Miniaturized Zero Order Resonator Antenna for Wireless Applications", 2023 International

	Conference for Advancement in Technology (ICONAT) Goa, India. Jan 24-26, **2023.**
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LIST OF FACULTY DEVELOPMENT PROGRAM (FDP) / SEMINAR/WORKSHOPS ATTENDED BY OUR FACULTY MEMBERSOF CONCERN/RESPECTIVE DEPARTMENTS (AY-2023-2024)

	FDP/ SEMINAR/WORKSHOPS
	Application of Semiconductors: Past, Present and Future Trends
	Medical Imaging through Machine Learning
	Bridging Academia and Industry: A NEP-Centric Approach to AI, Robotics and Industry 4.0/5.0
	NavIC: Development, Scope and Applications
	Global Event: Afternoons with an Author-Anil Swarup's forthcoming book 'Encounters with Politicians' by unique Publications
	Turnip Innovation Festival 2024 (A part of Intellectual Property and Startups
	CONSULTATION WORKSHOP ON FACULTY NORMS REGULATION in NITTTR , Kolkata organized by AICTE
	SWAYAM NPTEL FDP course on VLSI design Flow: RTL to GDS.
	Capgemini Project Training-Virtual orientation session
	participated in the National Webinar on Institutional Preparedness for Learning Outcomes, organized by MasterSoft in Associate with Surana College, Bengaluru, on 6th June 2024.
	Semiconductor Training Programs by TCFST TaiwanDate and time: Tuesday, June 25, 2024 12:00 PM
	Familiarisation workshop on Undergraduate VLSI curriculum at AICTE,HQ, New Delhi on May 16,2024.
	IEEE MTTS Distinguished Microwave Lecture on Quantum Computing: What is it, how does it work, and what are the opportunities for microwave engineers?
	Enterpreneurship Skill, Attitude and Behavior Development by MAKAUT
	My story,-Motivational Session by Successful Enterpreneur/Start-up founder by Makaut
	Recent Trends in Technological Advancements for Sustainable society in the area of engineering-2022 by Siliguri Institute of Technology
	Design thinking, critical thinking and Innovation Design by MAKAUT
	Symposium on Chat GPT : Opportunities and Challenges for education by BP Poddar institute of management and Technology, kolkata
	Technical Paper Writing by Central Institute of Technology, Kokrajhar
	Applications of Machine Learning and Deep Learning using MATLAB by Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering college, Chennai
	Application of Semiconductors: Past, Present and Future Trends
	Medical Imaging through Machine Learning
	Bridging Academia and Industry: A NEP-Centric Approach to AI, Robotics and Industry 4.0/5.0
	NavIC: Development, Scope and Applications
	Global Event: Afternoons with an Author-Anil Swarup's forthcoming book 'Encounters with Politicians' by unique Publications
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	My story,-Motivational Session by Successful Enterpreneur/Start-up founder by Makaut
	Recent Trends in Technological Advancements for Sustainable society in the area of engineering-2022 by Siliguri Institute of Technology
	Recent Research and advancements in electrical and electronics engineering by Haldia institute of technology and IETEBWN sub-centre, burdwan
	Design thinking, critical thinking and Innovation Design by MAKAUT
	Symposium on Chat GPT : Opportunities and Challenges for education by BP Poddar institute of management and Technology, kolkata
	Technical Paper Writing by Central Institute of Technology, Kokrajhar
	Applications of Machine Learning and Deep Learning using MATLAB by Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering college, Chennai
	Online Training on NEP Orientation &Sensetization under Malaviya Mission Teacher Training Program, IIT BHU
	Remembering Bhuj Earthquake: An Awareness on Seismic Resilience
	AICTE ATAL FDP ONClimate Change and its Impact on Disaster Frequency
	NAAC New Reforms 2024 (An Introduction to Binary Accreditation Framework/ NEP 2020)
	Advancement in Sustainable Materials and Technologies for Civil Engineering
	Remembering Bhuj Earthquake: An Awareness on Seismic Resilience
	Student Assessment and Evaluation
	Institutional Management & Administrative Procedures
	Technology enabled learning and life-long self learning
	Creative Problem Solving , Innovation and Meaningful R & D
	Institutional Management & Administrative Procedures
	Analysis and Design of Bituminous Pavement, NPTEL
	Mgmt Education in Transition in Asian Countries
	Case Study Teaching Methods
	“Integrating NEP 2020 into Higher Education: Strategies for Faculty Development and Curriculum Innovation”
	ATAL FDP on “Waste to Wealth Innovation”
	ATAL FDP on “Harnessing Digital Twin Technologies to Industry 4.0/5 for Sustainable Green Manufacturing”
	ATAL FDP on "Transformative AI in Education: Insights and Applications"
	ATAL FDP on "Navigating the Digital Landscape: Next-Gen Communication techniques for Teaching Pedagogy and Research Writing"
	ATAL FDP on "Agri Tech Innovations: Creating Opportunities for Gen Z"
	Successfully completed FDP by Wadhwani Entrepreneurship Network (WEN) to train us as "Entrepreneurship Educator"
	Case Study Teaching Methods
	Advanced Case Study Workshop
	“Integrating NEP 2020 into Higher Education: Strategies for FDP and Curriculum Innovation”
	A step-by-step guide to write a good research paper
	Recent Advancements in Res. Methodology & IPR

	Research methodology & research paper writing in management & social sciences
	Advanced Case Study Workshop
	International Seminar on Accounting, Education & Research
	Case Study Teaching Methods

RECENT COCURRICULAR ACTIVITIES INCLUDING SEMINAR/WORKSHOP CONDUCTED BY VARIOUS DEPARTMENT (AY-2023-2024):

TOPIC	**ACHIEVEMENT**
Smart India Hackathon	Selected for the grand finale of the Smart India Hackathon 2023
Litfiesta 2.0 organized by Amity University	Secure 3rd position in the quiz
RBI90Quiz	Selected to participate in the RBI90Quiz program
1st time Dev Day in Kolkata organized by IGDC (Indian Game Developer Conference)	Qualifying for it
Participated in the Game jam organized by Red Apple Company Private Limited, Kolkata for participants all over the India	Secured 1st position which was announced on 08/08/24
IGDC Hyderabad	As an Attendee
Python Programming	Course completion certificates have been given
C Programming	Course completion certificates have been given
Verilog hardware description language	Course completion certificates have been given
Hands on Training in **HFSS**	Course completion certificates have been given
Substrate Integrated Waveguide Based Planar and 3D Antennas	Course completion certificates have been given
Advanced Era of Electronics	Course completion certificates have been given
Recent Trends in Technology and Innovation	Course completion certificates have been given
Verilog hardware / VHDL description language	Course completion certificates have been given
One Day Workshop on Sensor Tech	Course completion certificates have been given
Hand on AC AC Motor and Electrical Wiring Workshop	Course completion certificates have been given
Training & Workshop on PLC SCADA & Drives	Course completion certificates have been given
Workshop on AUTOCAD	Course completion certificates have been given
Celebration f Engineer's Day in collaboration with TATA Consulting Engineering	Course completion certificates have been given
Training on Softskill Development	Course completion certificates have been given
Training on Softskill Development by Industry Expert	Course completion certificates have been given
Webinar on Master AUTOCAD	Course completion certificates have been given
Exhibition and Competition on Technical Model	Course completion certificates have been given
Seminar On Advanced Control System at inaugural programme of MODROB Project	Course completion certificates have been given
Training on Softskill Development	Course completion certificates have been given
Seminar on Cyber Security Analysis in Smart Grid	Course completion certificates have been given
Inter College Hands on Training on Sensor Technology	Course completion certificates have been given
Industrial Training in NF Railway Maligaon Guwahati	Course completion certificates have been given

Next…

Resource Person	Title of the Seminar	Target audience
Mr. Partha Sarkar Regional Head – Academic Interface Programme, India East Tata Consultancy Services Ltd	Industry Orientation Session for Freshers	Engineering & IT students of 2023 intake
Mr. Niladri Roy Enterprise Architect and Product Delivery Lead Tata Consultancy Services Limited	Cloud Security	BTech-CSE/ECE 3rd Year, 4th Year, BCA 3rd Year, BSc-CS 3rd Year
Dr. Arpita Karmakar Sap Global Competency Head Wipro Limited, Kolkata	Session on Problem Solving and Ideation	UG CSE,BCA & Cyber Security student of Final year and Pre-final year.
Mr. Amitabha Roy, Ex Global Delivery Head, Mindtree Ex AVP – Insurance practices, Cognizant, and Director, Alphabetz Digital Academy Pvt Ltd.	Interaction Session on "Pilot Training Program	selected UG CSE and ECE students of Final year.
Padmashree **Prof. (Dr.) Bimal Kumar Roy** (Professor, Applied Statistics Unit, Indian Statistical Institute, Kolkata Principal Advisor, TCG CREST	Advancements in Cryptography:	Students
Prof (Dr.) Bhaskar Gupta (Vice Chancellor, Jadavpur University)	From Classical Techniques to Post-Doyens of communication From Kolkata	
Mr. Manish Chandra (Data and Applied Scientist at Microsoft Research Scholar at School of Computing, University of Glasgow,UK)	• Quantum Security	

Ms. Rupa Basu (Senior Engineer, CPI TMD Technologies Division, Greater London, UK)	Topic:Advances and challenges in development of millimetre wave TWTs	
Prof. (Dr.) Partha Pratim Sarkar Professor, Dept. of Engineering and Technological Studies. **University of Kalyani**	Advancements Application of Microstrip and frequency selective surface in society	Students
Mr. Soumen Datta Associate Partner, Business Analytics, BDO Digital	Topic:Data, Analytics and AI: Current Trends and Future Directions	Students
Dr. Surendra Pal Prof. Satish Dhawan Professor & Senior Adviser, Satellite Navigation, ISRO Satellite Centre, Bangalore,	Topic:India Leap into Space	Students
Team **Alphabetz Digital Academy Pvt Ltd**	Machine learning	4th year, CSE
Shri Tapan Mishra (DSc, Hon) Founding Director & Chief Scientist, SISIR Radar Pvt Ltd Former Director, SAC-ISRO and Former Director, PRL – DOS **Prof. Siddhartha Das**, Dept of MME, IIT Kharagpur(online) **Prof. Sandeep Kumar Shukla**, Dept of CSE, IIT Kanpur (online presence)	Inaugural ceremony of the ATAL FDP, Bridging Academia and Industry. A NEP Centric Approach to AI, Robotics and Industry 4.0/ 5.0	Faculty Members of SKFGI, others faculty from the different reputed institutes.
Dr. Sanmitra Sarkar Group Manager, AI & Analytics, IBM	Understanding the National Education Policy (NEP) and Its Implications on Technical Education	N/A
Dr. Tanushyam Chattopadhyay Associate General Manager	I Applications in Industry 4.0/5.0: Case Studies	Faculty Members of SKFGI,

Head of Industrial AI of AI Labs, Adani Enterprise Ltd		others faculty from the different reputed institutes.
Dr. Arpita Karmakar SAP Global Competency Head, Wipro Limited, Kolkata.	Robotics and Automation Technologies: Current Landscape and Future Prospects	Faculty Members of SKFGI, others faculty from the different reputed institutes.
Prof. Amlan Chakrabarti Professor & Director - A.K.Choudhury School of Information Technology, University of Calcutta	N/A	Faculty Members of SKFGI, others faculty from the different reputed institutes.
Ms. Munmun Das Principal/VP – Automation, Innovation & Digital Transformation, Accenture , Bengaluru	Big Data and Analytics for Industry 4.0/5.0	Faculty Members of SKFGI, others faculty from the different reputed institutes.
Prof. Sarbani Roy Professor, Department of CSE, Jadavpur University	Cloud Computing as the Foundation of Industry 4.0/5.0	Faculty Members of SKFGI, others faculty from the different reputed institutes.
Dr. Sougata Bhattacharjee Senior Staff Engineer/Manager, Samsung Semiconductor India Research (SSIR), Bengaluru	Preparing Students for Industry 4.0/5.0 Careers	Faculty Members of SKFGI, others faculty from the different reputed institutes.
Dr. Imon Mukherjee Assistant Professor, Department of CSE, IIIT Kalyani	Cybersecurity in the Age of Industry 4.0/5.0	Faculty Members of SKFGI, others faculty from the different reputed institutes.
Prof. Amitava Nag Professor& Head, Department of CSE, Central Institute of Technology Kokrajhar	Internet of Things (IoT) and Its Role in Industry 4.0/5.0	Faculty Members of SKFGI, others faculty from the different reputed institutes.
Prof. Debashis De Professor, Department of CSE, MAKAUT	Fostering Entrepreneurship and Innovation in Academia	Faculty Members of SKFGI, others faculty from the different reputed institutes.

RECENT ACTIVITIES ORGANIZED BY INSTITUTIONS INNOVATION COUNCIL (AY 2023-24 to till date)

Program/Activity Name *	Date	Objective
A poster presentation competition titled " Advanced Era of Electronics"	11/17/2023	The objective of an oral poster presentation is to finding in a visually compelling manner. This format combines a concise spoken narrative with a visually engaging poster to effectively communicate key points. Presenters aim to captivate their audience, providing insights into their work, methodology, and results within a limited timeframe. The goal is to facilitate understanding and discussion, fostering an interactive exchange of ideas.
Guest Lecture session on Substrate Integrated Waveguide(SIW) based planar and 3D antennas	1/4/2024	The objective of a guest lecture session is to enrich the learning experience by bringing external expertise and diverse perspectives to the audience. It aims to provide valuable insights, practical knowledge, and real-world experiences, enhancing the understanding of specific topics or industries.
Industrial visit at MSME Tool Room, Kolkata	1/25/2024	The objective of the industrial visit is to bridge the widening gap between theoretical learning and practical exposure by giving students first-hand exposure to identify the inputs and outputs of different manufacturing operations and processes performed at the workplace.
Workshop on Artificial Intelligence- emerging trends, trials and triumphs	1/29/2024	Analyzing the company's goals and operations to identify areas in which AI can improve task execution.
One Day Workshop on Design Thinking, Critical Thinking and Innovation Design	2/29/2024	To motivate the students for new idea generation and problem solving of day to day life in an innovative manner
IIC regional meet at Sister Nivedita University, New Town, Kolkata	1/12/2024	The objective of the Institution Innovation Council (IIC) Regional Meet is to foster collaboration and knowledge exchange among participating institutions within a region. By bringing together diverse stakeholders including educators, researchers, industry experts, and students, the event aims to promote innovation, entrepreneurship, and problem-solving skills.
iSupreme- An Idea Presentation	1/22/2024	This competition mainly focus on: v iSupreme is an idea presentation competition where participants present their innovative ideas for solving a problem, creating a product, or improving a process. v The objective of such a competition is to showcase the creativity, communication skills, and analytical thinking, as well as to receive feedback and recognition from experts and peers.
YOGA CAMP	1/25/2024	Yoga education helps in self discipline and sel-control, leading to immense amount of awareness, concentration and higher level of consciousness.
One Day Workshop on Design Thinking, Critical Thinking and Innovation	2/29/2024	To motivate and guide the participants to think critically in innovative way to design anything or to solve any problem

Design		
Hands on workshop on Antenna Measurements, simulation and IOT based models (outreach program)	4/29/2024	The objective of the workshop is to provide participants with comprehensive insights into antenna measurements and simulations, alongside showcasing electronics models. Through hands-on demonstrations and theoretical sessions, attendees will gain practical skills in antenna testing techniques, simulation software utilization, and understanding electronics models. The workshop aims to bridge theoretical knowledge with practical applications, empowering participants to design, analyze, and optimize antennas and electronic systems effectively.
Emerging Trend of Sensor Applications in Industrial Scenario	4/29/2024	Sensors can be used to monitor the position of components on an assembly line, detect defects in products, and control the movement of robotic arms.
Workshop on Self Defense for all Female employees and Girl Students	3/8/2024	This workshop underlined the importance of self-defense in a women's life offering practical techniques that would give them the confidence to tackle any untoward incident that they may face in their day today life. This event aimed to instill confidence and resilience among our female staff and students.
Tech Explorers: An Awareness Program for Kids	5/13/2024	The programme is aimed at creating awareness about the emerging trends in science and technology amongst the youngsters, who are the future building blocks of our nation.
Management Fest / SKFBIZ 2024	4/25/2024	Enhanced Skills: Student participation in the various competitions likely led to the development of critical business skills such as problem-solving, communication, and teamwork. Networking Opportunities: The event provided a platform for students to connect with peers from other institutions, fostering valuable networking opportunities. Industry Exposure: By participating in business-related activities, students gained exposure to the demands and expectations of the corporate world.
Field/Exposure Visit to Incubation Unit at IIM-CIP, Kolkata	5/24/2024	To give students an idea about start-ups.
Technical Model Presentation Competition	4/19/2024	The objective of the technical model presentation competition for engineering college students is to foster innovation and creativity in engineering design. It aims to provide a platform for students to showcase their technical skills, research, and problem-solving abilities through the development of practical, impactful models.
Organising Innovation & Entrepreneurship Outreach Program in school	7/11/2024	Inspire creativity, develop entrepreneurial skills, and foster problem-solving among students.
Orientation session on ATL-IIC Linkage Program	7/31/2024	The objective of the MIC-driven activity is to enhance and fortify the linkages between Innovation and Incubation Centers (IICs) with Atal Tinkering Labs (ATLs) and Smart India Challenge (SICs) in schools. By fostering synergies among these entities, our aim is to

		cultivate a robust ecosystem that nurtures innovation, entrepreneurship, and technological advancement among students.
Building a Pipeline of Quality Innovations and Startups in HEIs	8/2/2024	Leveraging the potential of science, student's creative problem solving and entrepreneurial mind-set, and promoting a strong intra and inter-institutional partnerships. It will play key role in identifying, mentoring, nurturing innovative and entrepreneurial potential of students, faculty and staff and transforming them into start-up entrepreneurs
Plan for Start up: An Ethical Approach	8/2/2024	The objective of the webinar on 'Plan for Start-up: An Ethical Approach,' organized by the IIC cell of SKFGI, is to provide students and teachers with a comprehensive understanding of the ethical principles and practices essential for establishing and running a successful start-up.
Orientation cum Refreshers' Session on Institution's Innovation Council Objectives, Structure, Operation for IIC Institutions	8/5/2024	The objectives of the session are facilitate collaboration, promote innovation and creativity, enhances the access to various resources, foster idea and product development, helps to build industry connections, support entrepreneurship, and drive institutional goals.
Intra-Institutional Start-up Competition	8/7/2024	"Foster innovation and entrepreneurship by empowering students to launch impactful start-ups."
Poster making competition - Business Plan	4/25/2024	To inspire and motivate students to think like entrepreneurs and consider starting their own businesses. To develop crucial skills such as critical thinking, problem-solving, communication, teamwork, and financial literacy. To provide hands-on experience in creating a business plan, which includes market research, financial planning, marketing strategies, and operational planning.
World Environment Day	6/5/2024	The purpose of World Environment Day is to increase public awareness of environmental problems such as wildlife crime, marine pollution, population growth, and global warming. This day aims to draw attention towards the plethora of problems our planet is facing, like deforestation, pollution, biodiversity loss, and ozone layer depletion.
Celebration of Independence Day	8/15/2024	Foster patriotism, unity, historical awareness, and civic responsibility among students and faculty.
Incubation - Opportunities for Students- Early Stage Entrepreneurs	8/16/2024	Empower students & early-stage entrepreneurs by providing resources, mentorship, & growth opportunities
ASIC Verification and It's role in VLSI	9/27/2024	Comprehensive understanding of the critical role that ASIC verification plays in VLSI design process

National Entrepreneurship Day	11/19/2024	To celebrate the importance of Entrepreneurship in shaping the growth of India
Traffic Control Awareness Program	10/30/2024	Teaching road safety to students.
Industrial Visit	9/24/2024	It provides students with an opportunity to learn practically through interaction.
Training on Soft Skills Development	12/13/2024	Soft skills learning outcomes cover communication, teamwork, critical thinking, adaptability.
Samvidhan Diwas Padyatra	11/26/2024	Constitution Day also known as Samvidhan Diwas', is celebrated in our country on 26th November.
Clean India Mission	10/30/2024	The mission is to clean and remove all the waste from streets and other public places.
Birla Industrial & Technological Museum Visit	11/14/2024	Discover the world of science and technology through interactive exhibits and hands-on experiments.
Industrial Site Visit	12/7/2024	To bridge the gap between classroom learning and practical works in real-field scenerio
MIC Programmes& Schemes	10/23/2024	Promote innovation, IP awareness, and problem-solving through MIC programs and national schemes.
Workshop on Design Thinking, Critical thinking and Innovation Design	12/10/2024	Equip students with design thinking to identify problems & develop innovative solutions
Workshop on Effective Sales and Marketing Strategies for Entrepreneurs /Startups	12/11/2024	It equips them with the knowledge & skills for developing & executing effective marketing strategies
Field/Exposure Visit to City MSME cluster	2/5/2025	Gain insights into city MSME cluster operations, challenges, innovations, and growth opportunities.
National Science Day	2/28/2025	SKF celebrated National Science Day 2025, blending tech and innovation, engaging 300+ students
My Story - Movaonal Session by Successful Innovator	11/27/2024	Encouraging Innovation and Entrepreneurship in IoT Hardware Development and awareness in the IoT.
Inspiration, Motivation & Ideation	11/29/2024	Inspire students and entrepreneurs to turn innovative ideas into impactful startup solutions.
Intra-Institutional Start-up Competition	8/7/2024	"Foster innovation and entrepreneurship by empowering students to launch impactful start-ups."

A FEW OF SPECIALISED TRAINING PROGRAM CONDUCTED FOR STUDENTS, AT SKF

- Successfully completed a transformative 100-hour certificate course at Supreme Knowledge Foundation (SKF), aimed at equipping our final-year BTech students (CSE & ECE) with the skills they need to thrive in today's competitive world. This intensive program (80 hours of Data Analytics training + 20 hours of Soft Skills development), held from September 2 to October 1, 2024, was made possible through the generous sponsorship of the Infosys Foundation and the expert facilitation by ICT Academy.

- 22 students of CSE, IT & ECE from Supreme Knowledge Foundation successfully completed the Short-Term Summer Internship Programme (2nd July – 2nd August 2024) on Embedded Systems and IoT / Microelectronics Technology and VLSI Design at Jadavpur University. They gained hands-on experience in firmware development, circuit design, hardware interfacing, and IoT applications while working on real-time projects. The internship enhanced their problem-solving skills, enabling them to design, simulate, and implement functional models, preparing them for advanced research and industry applications.

- A Brief Report On TechMedFusion 2025in commemoration of National Science Day:
  Supreme Knowledge Foundation campus was abuzz with enthusiasm and intellect as it hosted TechMedFusion 2025 in commemoration of National Science Day. The event served as a grand platform, bringing together visionaries, researchers, and students to foster interdisciplinary collaboration between technology, medicine, and science. TechMedFusion 2025 featured a convergence of innovative tech talks, insightful discussions, and multidisciplinary competitions aimed at inspiring the next generation of innovators. The highlight of the event was the interdisciplinary competitions, where participants showcased groundbreaking ideas and solutions. The contests encouraged teamwork, creativity, and problem-solving skills, fostering an environment that nurtures ingenuity. , the audience was also addressed by **Mr. Abhishek Roy Choudhury, Senior Scientist at Embedded Device & Intelligent Systems division, TCS Innovation Lab, Kolkata, Dr. Pankaj Dalela, Director, CDOT, Ministry of Communication and IT, Delhi, India** who underscored the significance of integrating technology with various domains to drive meaningful advancements in relevant fields. The whole-day program kick started with a technical talk on **"Sustainability with Remote Sensing," by Mr. Roy Choudhury**. This was followed by an array of campus-wide events, including a Technical Poster Presentation, Ideathon, Florist Competition, Mixology Competition, Commercial Design with Pencil Sketch Competition, Prachir Patrika (Wall Magazine Competitions), and Model Competition. The events were attended and participated by over 250 students of the institution. All the competitions were evaluated by esteemed academicians, Prof. Partha Pratim Sarkar from the Department of Electronics and Communication of Kalyani University and Prof. Sarit Pal, Retired Professor,Department of Electronics and Communication.

- In order to enhance the knowledge of the students of the Department of Optometry, Supreme Knowledge Foundation (SKF) organized a session on ``**Future Prospects in Optometry**`` was conducted on 25th February 2025 from 1pm at the SKF Seminar Hall. The resource person was **Ms. Paula Mukherjee**, Chief Operations Officer (COO), Optometry Confederation of India (OCI), Bengaluru. The session provided valuable insights along with industrial and clinical knowledge in Optometry to the students which will be very fruitful for them in the future. The Telegraph Online Edugraph served as the digital media partner for the event

- Currently on-going a program Campus to Corporate Digital Academy at Supreme Knowledge Foundation, powered by **Capgemeni** India and implemented by **ICT Academy**
  Program Overview: Data Analytics Training (100 Hrs) + Soft Skills (40 Hrs), Duration: February 4 – March 8, 2025, Target Group: 50+ Final Year BCA & BSc Cyber Security students

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'We are eagerly Looking Forward to Academic and Research Collaborations along with Relevant Partnership for Mutual benefit of Both the Institutions/University'-SKF

Thank You