



# TECHNO INDIA SILIGURI INSTITUTE OF TECHNOLOGY

A Satyam Roychowdhury Initiative

SILIGURI INSTITUTE OF TECHNOLOGY



MAULANA ABUL KALAM AZAD  
UNIVERSITY OF TECHNOLOGY,  
WEST BENGAL



# ANNUAL REPORT

2021-2022

<https://sittechno.org/sit119.php>

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# Vision & Mission

## Vision

To be a recognised institution offering high quality education, opportunities to students to become globally employable Engineers/Professionals in best ranked industries and research organisation.

## Mission

To impart quality technical education for holistic development of students who will fulfil the needs of the industry/society and be actively engaged in making a successful career in industry/research/higher education in India & abroad

# The Experience.

Established in the year 1985, Techno India Group (TIG) aims to serve the exclusive purpose of delivering quality education in science and engineering in the state of West Bengal, India. Techno India presently stands as one of the most recognized leaders among private education groups in India by virtue of its academic excellence and vast multitude of course offerings.

Techno India Group is one of the largest and most acclaimed knowledge management groups in Asia. A collaborator with world's leading IT giant Hewlett Packard (HP), Techno India Group encompasses 100 knowledge campuses with 4 university campuses, 22 Engineering colleges, 12 Business schools, 18 Public schools, 2 upcoming medical colleges and 4 health care units.

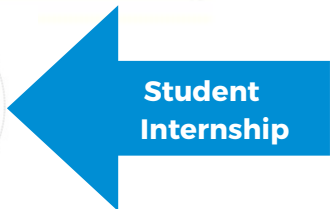
Techno India Group has strengthened its original emphasis on science and engineering and expanded to management, medicine and other key areas like Information and Communication Technology, Nanotechnology, Genetics, Biotechnology, Food Technology, Construction Technology, Architecture, Biomedical Technology, Paramedical Sciences, Management Sciences, Sports Technology and Media Science. In an effort to build a solid foundation for the state education system, Techno India has also endeavored to enter into the arena of primary and secondary education by establishing numerous model schools.

Techno India Group has been successful in creating a positive learning experience by investing in remarkable infrastructural facilities, state of the art technologies in its engineering, science and computer labs, highly endowed library facilities and campus wide Wi-Fi enabled communication links. Our successes speak volume about our dedication to quality education. Despite its phenomenal growth, Techno India still remains a dedicated family of 2500 professionals including doctors, engineers, scientists, chartered accountants, lawyers, and management professionals dedicated to the same cause that inspired us in our inception.

Techno India Group aims to create a better India by efficiently preparing the youth to cater to the technological advancements of the century. The innovative courses at the organization have set the students apart from the rest, thus making TIG one of a kind. The latest feather added to its cap is the establishment of Techno India University, West Bengal at Salt Lake.



# Milestone



MHRD'S INNOVATION CELL (GOVT. OF INDIA)



# Message From Managing Director.

Techno India group is a dynamic organization whose primary focus is education. As a group, we sincerely believe that India's comparative advantage in the global economy lies in education. India's assimilation with the globalization process has challenged TIG to offer programmes that are in tune with the changing needs of the day. We have tried to meet that challenge with sustained efforts in strengthening our academic curriculum and course offerings, at the same time maintaining our core mission and values. We are an organization that has invested enormously in creating human resources capable of dealing with the challenges of the twenty first century. A close inspection of our programmes in Bachelor's, Master's, and Doctorate degrees in different areas of engineering and management and health professions will reflect this truth.



Satyam  
Roychowdhury

Managing  
Director, Techno  
India Group

Our corporate focus is squarely built on the strength we have in the academic sector. All our core initiatives in the nonacademic corporate sectors have been designed either to complement our academic programmes where students can find internship, practical training, and job placements after graduation or in areas that allow us to get vertically integrated with our strength in education. Our corporate focus has been and will be to provide technology solutions to business, government, or nongovernmental non-profit organizations.

All of TIG's initiatives have one thing in common, i.e. the unflinching commitment to quality is universal and will remain our overarching strength. We will continue to evolve with the needs of the time, and we will learn and adapt as we go along. Given our resources and our commitment we strive for a perfect today and a better tomorrow. Please join us to be the best in everything we strive for.

Best Wishes

**SATYAM ROY CHOWDHURY**

**Techno India Group**

# Message From Principal.

“If there is no Sun, a million of lamps can't take away all the darkness” – The Pursuit of Truth

To review the latest required skilling competency and domain specific knowledge, thereby determining strategy and implementing the same for the holistic and sustained development of the students' is set as the long-term goal. With pleasure I welcome you all in the lush green campus of the Siliguri Institute of Technology, a unit of Techno India group, a Satyam Roychowdhury initiative. This is one of the best campuses in the north-eastern India from the aspect of scenic beauty, surrounded by tea gardens. The institute is accredited by NAAC, affiliated to MAKAUT, WBSCT & VE & SD and approved by AICTE.

The institute has set its vision “To be a recognised institution offering high quality education, opportunities to students to become globally employable Engineers/Professionals in best ranked industries and research organisation” to serve society and the nation at large. Since inception over more than two decades the institute has impacted the society and the people with its state-of-the-art infrastructure, learned and experience human resources with a commitment for preparing future professionals.

We impart quality education by training the student's thought process in the direction of learning new knowledge, upskilling with the industry needs so that they can meet the challenges of the society as well as of the industry. To ensure quality education we rely on outcome-based education by mapping course outcome with the Program Outcome/ Program Specific outcome and the student's leaning Level followed by assessment and evaluation. The diversity of programs enables us to have multidisciplinary approach in the campus. The Academic environment is equipped with active teaching learning with assessment of outcome, mentor mentee system to support the students in all aspects of their academics, extra-curricular. The research and development cell of the institute ensures new findings and knowledge of human resources to enrich the teaching learning with deliverables. Motivation of determining the areas of improvement in the aspect of teaching learning, skill enhancement is obtained from renowned industry experts as well as academicians from time to time.

Special emphasis is given on creation and maintaining alumni relations. The institute has its strong alumni network extending from industry to academia for sustained growth.

The institute is in a continuous process to collaborate with multiple domain specific industry and academia to support set up of laboratory, centre of excellence and exchange program.

With all the Best Wishes,



**Prof. Dr.  
Mithun Chakraborty  
Principal**

**PROF. DR. MITHUN CHAKRABORTY**  
**PRINCIPAL**  
**SILIGURI INSTITUTE OF TECHNOLOGY**

# Members Of The Board Of Governors.

<b>Prof. S.M. Chatterjee, Eminent Educationist</b>	<b>Chairman</b>
<b>Mr. G. Roy Chowdhury or his nominee Mr. Pradyut Biswas</b>	<b>Trust's Chairman</b>
<b>Mrs. M. Roychowdhury or her nominee</b>	<b>Member</b>
<b>Mr. S. Roychowdhury or his nominee</b>	<b>Member</b>
<b>Mr. T. K. Ghosh or his nominee</b>	<b>Member</b>
<b>D.T.E or his Nominee</b>	<b>Member (Ex-Officio)</b>
<b>Nominee of AICTE</b>	<b>Member</b>
<b>Nominee of MAKAUT</b>	<b>Member</b>
<b>Mr. Milan Sarkar</b>	<b>Member</b>
<b>Dr. A. Ray</b>	<b>Member</b>
<b>Mr. Arun Ghosh</b>	<b>Member</b>
<b>Mr. Bhaskar Roy</b>	<b>Member</b>
<b>Mr. J. Guha</b>	<b>Member</b>
<b>Dr. Banani Adhikari (Das)</b>	<b>Member</b>
<b>Dr. Mithun Chakraborty</b>	<b>Member-Secretary</b>



# About the Institute

## Siliguri Institute of Technology



<b>Year of establishment:</b>	<b>1999</b>
<b>Name of the Head of the Institution:</b>	<b>Dr. Mithun Chakraborty</b>
<b>Designation:</b>	<b>Principal</b>
<b>e-mail</b>	<b>principal@sittechno.org</b>
<b>Address of the College:</b>	<b>Hill Cart Road, Po. Sukna, Siliguri, Dist Darjeeling, West Bengal, Pin - 734009</b>
<b>Website:</b>	<b><a href="http://sittechno.org/sit119.php">http://sittechno.org/sit119.php</a></b>
<b>Nature of the College:</b>	<b>Private, Self-Financing</b>
<b>Statutory Regulatory Authority (SRA) :</b>	<b>AICTE For Details <a href="http://sittechno.org/approval-and-affiliation.html">http://sittechno.org/approval-and-affiliation.html</a></b>
<b>Affiliating University:</b>	<b>Maulana Abul Kalam Azad University Of Technology For Details <a href="http://sittechno.org/approval-and-affiliation.html">http://sittechno.org/approval-and-affiliation.html</a></b>
<b>Institution Recognition:</b>	<b>Recognized under section 2(f) of the UGC Act F. No. 8-246/2016 (CPP-I/C) Dated 29.11.2016</b>

# Programme Details



**Program**

**Department**

**Affiliation  
Status**

**Btech**

**CSE  
IT  
ECE**

**YES**

**Btech**

**EE  
CE**

**YES**

**MBA**

**Business Administration**

**YES.**

# COLLEGE PROFILE

Established in 1999, Siliguri Institute of Technology (SIT) is the largest private educational institution running under the vision of Techno India Group and is only one of its kinds in North Bengal, West Bengal, India. About 5 km away from Siliguri city, the Institute has a sprawling and picturesque campus surrounded by opulent lush green tea gardens, dense forests of Sukna with a backdrop of Sub-Himalayan ranges making it a premier abode of learning. The institute runs B.Tech Programs (CSE, IT, ECE, EE, CE) and Postgraduate Courses in Management (MBA).

**Nearest Airport :** Bagdogra (IXB) Airport, 18 Kms from SIT

**Nearest Railway Station :**  
New Jalpaiguri (NJP) 12 Kms from SIT

**Nearest Bus Terminus :**  
Tenzing Norgay Central Bus Terminus: 6 Kms from SIT



# Approvals & Affiliations



**NAAC ACCREDITED**



**AICTE APPROVED**

New Delhi

MAULANA ABUL KALAM AZAD  
UNIVERSITY OF TECHNOLOGY,  
WEST BENGAL



**AFFILIATED TO MAULANA ABUL KALAM  
AZAD UNIVERSITY OF TECHNOLOGY,  
WEST BENGAL (FORMERLY WBUT)**



**APPROVED BY DEPARTMENT OF  
HIGHER EDUCATION, GOVT. OF WEST  
BENGAL.**

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## Medium of Instruction

The medium of instruction and examination is in English.

## College Timings

Monday to Friday from 10 am to 5.30 pm.

## Features

- The Institute has a sprawling campus surrounded by lush greenery.
- State-of-the-art Laboratories
- Qualified and Experienced Faculty
- Scholarships by Government & Institute
- Multipurpose Air-conditioned Auditorium
- Zero tolerance to Ragging & Sexual Harassment
- Wi-fi enabled Campus for free internet access
- Book Bank Facility
- Separate Hostels Boy's & Girl's
- Beyond Curriculum Technical Training programs
- Campus readiness program
- MSME Business Incubator - Centre of Innovation, GOI
- SWAYAM NPTEL Local Chapter
- NMEICT Nodal Centre
- IIRS Nodal Centre
- Industry (TCS) Supported labs -TCS iON Laboratories
- MoU with Arad University of Romania for Faculty and Student exchange programme
- MoU with NHA, GOI for Internship



# Facilities

The Institute has a sprawling and picturesque campus located on 10.43 acres of land with 15,468.sq. m. build-up area. The institution ensures adequate availability and optimal utilization of physical infrastructure to create a good learning environment. The college has following facilities.

The institute has the adequate facilities as per the requirement of the statutory bodies.



**CENTRAL LIBRARY**



**LANGUAGE LAB**



**COMPUTER LABS**



**BASKETBALL COURT**



**TABLE TENNIS**



**LABORATORY**



**CLASSROOMS**



**WORKSHOP**



**VOLLEYBALL COURT**



**SPECIALISED LABS**



**SPECIALISED LABS**



**SMART CLASSROOMS**



**READING ROOMS**



**GYMNASIUM**



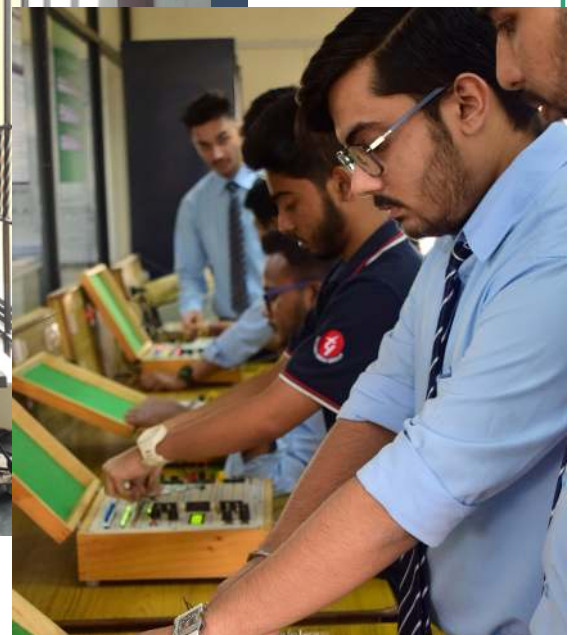
**INDOOR GAMES**



**BADMINTON COURTS**



# LABS





# FACILITIES



- **National Service Scheme.**
- **Institute Innovation Council.**
- **Strong Feedback System.**
- **Student Counsellor for solving Student Challenges.**
- **Assistance for Bank Loan.**
- **Student Club Activity for skill development.**
- **Institute Mandatory Skill development for students.**
- **Scholarship for students.**
- **Alumni Engagement Program.**

# **STATUTORY COMMITTEES**

**Student Welfare Committee**

**SC/ST Committee**

**OBC Cell**

**Grievance Redressal committee**

**Minority Cell**

# WORKING COMMITTEES

- IQAC
- IIC
- R & D Cell
- Entrepreneurship Cell.

- Anti-Ragging Committee and Anti Ragging Squad
- Examination Committee
- Training and Placement Committee
- Cultural Committee
- Tech-fest Committee
- Games and Sports Committee
- Library advisory Committee
- NSS Committee
- NAAC Committee
- Women's Grievance Redressal Committee
- Admission Committee
- Disciplinary Committee



# Student Details

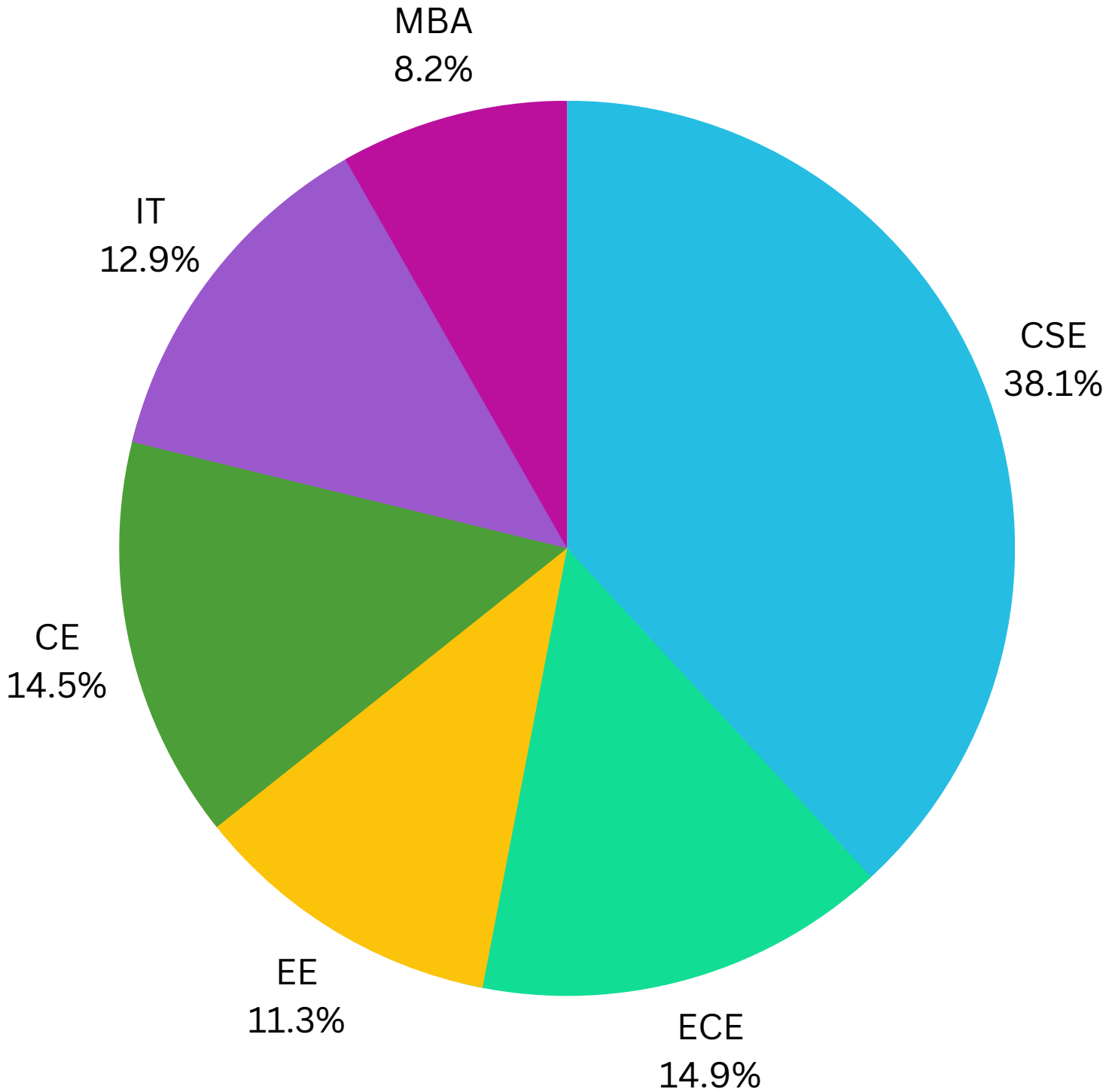
## Student Enrollment

**2021-22**

YEAR	BTECH	MBA
FIRST	340	50
SECOND	261	59
THIRD	319	NA
FOURTH	293	NA

Total students for the Academic Year 2021 -22 is **1322**

# Student Details



# Faculty Details

<b>SN</b>	<b>Department</b>	<b>Number of Full Time Teachers</b>
<b>1</b>	<b>CE</b>	<b>3</b>
<b>2</b>	<b>CSE</b>	<b>11</b>
<b>3</b>	<b>ECE</b>	<b>11</b>
<b>4</b>	<b>EE</b>	<b>7</b>
<b>5</b>	<b>IT</b>	<b>4</b>
<b>6</b>	<b>DESH</b>	<b>13</b>
<b>7</b>	<b>MBA</b>	<b>6</b>
	<b>TOTAL</b>	<b>55</b>

# Faculty List: (AY: 2021-22)

SN	Name of the Full-time Teacher	Designation	Year of Joining	Name of the Department
1	MR. RAJEN KOLEY	ASSISTANT PROFESSOR	2012	CIVIL ENGINEERING
2	MR. MAHADEB DAS	ASSISTANT PROFESSOR	2012	CIVIL ENGINEERING
3	MR. RUPAM DATTA	ASSISTANT PROFESSOR	2020	CIVIL ENGINEERING
4	MR. ANUPAM MUKHERJEE	ASSISTANT PROFESSOR	2006	COMPUTER SCIENCE & ENGINEERING
5	MR. MITHUN ROY	ASSISTANT PROFESSOR	2004	COMPUTER SCIENCE & ENGINEERING
6	MR. DEBAJYOTI GUHA	ASSISTANT PROFESSOR	2006	COMPUTER SCIENCE & ENGINEERING
7	MR. SATADAL CHAKRABORTY	ASSISTANT PROFESSOR	2007	COMPUTER SCIENCE & ENGINEERING
8	MS. SAMPA DAS	ASSISTANT PROFESSOR	2008	COMPUTER SCIENCE & ENGINEERING
9	MS. JAYASHREE SINGHA	ASSISTANT PROFESSOR	2007	COMPUTER SCIENCE & ENGINEERING
10	MS. SUCHARITA DAS	ASSISTANT PROFESSOR	2005	COMPUTER SCIENCE & ENGINEERING
11	MR. KRITIBAS PARAI	ASSISTANT PROFESSOR	2010	COMPUTER SCIENCE & ENGINEERING
12	MS. SUTAPA BHATTACHARYA	ASSISTANT PROFESSOR	2009	COMPUTER SCIENCE & ENGINEERING
13	MR. DEB SHEKHAR LAHA	ASSISTANT PROFESSOR	2010	COMPUTER SCIENCE & ENGINEERING
14	MS. MOUMITA GHOSH	ASSISTANT PROFESSOR	2007	COMPUTER SCIENCE & ENGINEERING
15	DR. SUSANTA KUMAR SAHA	ASSISTANT PROFESSOR	2010	DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES
16	DR. JAYANTA DUTTA	ASSISTANT PROFESSOR	2002	DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES
17	DR. BANANI ADHIKARI (DAS)	ASSOCIATE PROFESSOR	2005	DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES
18	MR. SOUMENDU GOLUI	ASSISTANT PROFESSOR	2010	DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES

# Faculty List: (AY: 2021-22)

19	MR. RAJEEB CHETRI	ASSISTANT PROFESSOR	2010	DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES
20	MR. HRISHIKESH ROY	ASSISTANT PROFESSOR	2010	DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES
21	MS. RIMNI CHAKRAVARTY	ASSISTANT PROFESSOR	2010	DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES
22	MR. PINAKY BHADURY	ASSISTANT PROFESSOR	2011	DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES
23	DR. DEBASMIRI BHATTACHERJEE	ASSISTANT PROFESSOR	2013	DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES
24	MR. BIKIRAN DAS	ASSISTANT PROFESSOR	2017	DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES
25	DR. SAMIT GHOSH	ASSISTANT PROFESSOR	2020	DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES
26	DR. DEBABRATA MOITRA	ASSISTANT PROFESSOR	2019	DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES
27	DR. MANJIMA BHATTACHARYA	ASSISTANT PROFESSOR	2019	DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES
28	MR. MITUL RANJAN CHAKRABORTY	ASSISTANT PROFESSOR	2000	ELECTRICAL ENGINEERING
29	MR. JAYANTA BHUSAN BASU	ASSISTANT PROFESSOR	2000	ELECTRICAL ENGINEERING
30	MR. PRALAY ROY	ASSISTANT PROFESSOR	2007	ELECTRICAL ENGINEERING
31	MS. SHRABANI PAL	ASSISTANT PROFESSOR	2008	ELECTRICAL ENGINEERING
32	MR. ARUP DAS	ASSISTANT PROFESSOR	2008	ELECTRICAL ENGINEERING
33	MR. SUBHAJIT ROY	ASSISTANT PROFESSOR	2010	ELECTRICAL ENGINEERING
34	MR. INDRAJIT KOLEY	ASSISTANT PROFESSOR	2013	ELECTRICAL ENGINEERING
35	MR. MANAS PARAI	ASSISTANT PROFESSOR	2009	ELECTRONICS & COMMUNICATION ENGINEERING



# Faculty List: (AY: 2021-22)

36	DR. MANAS SAHA	ASSISTANT PROFESSOR	2002	ELECTRONICS & COMMUNICATION ENGINEERING
37	MS. SARMISTHA MONDAL	ASSISTANT PROFESSOR	2004	ELECTRONICS & COMMUNICATION ENGINEERING
38	MR. SANDIP BANERJEE	ASSISTANT PROFESSOR	2007	ELECTRONICS & COMMUNICATION ENGINEERING
39	MR. SUDIP KUMAR GHOSH	ASSISTANT PROFESSOR	2007	ELECTRONICS & COMMUNICATION ENGINEERING
40	MS. ANINDITA SINHA	ASSISTANT PROFESSOR	2009	ELECTRONICS & COMMUNICATION ENGINEERING
41	MR. DEBAJYOTI MISRA	ASSISTANT PROFESSOR	2009	ELECTRONICS & COMMUNICATION ENGINEERING
42	MS. DIA GHOSH	ASSISTANT PROFESSOR	2012	ELECTRONICS & COMMUNICATION ENGINEERING
43	MS. JAYATI ROUTH	ASSISTANT PROFESSOR	2012	ELECTRONICS & COMMUNICATION ENGINEERING
44	MR. SUBHAMAY SARKER	ASSISTANT PROFESSOR	2016	ELECTRONICS & COMMUNICATION ENGINEERING
45	MS. ADITI SENGUPTA	ASSISTANT PROFESSOR	2018	ELECTRONICS & COMMUNICATION ENGINEERING
46	MR. DEBADITYA KUNDU	ASSISTANT PROFESSOR	2006	INFORMATION TECHNOLOGY
47	MS. SATHI BALL	ASSISTANT PROFESSOR	2007	INFORMATION TECHNOLOGY
48	MR. ASIT BARMAN	ASSISTANT PROFESSOR	2009	INFORMATION TECHNOLOGY
49	MR. SUBRATA DE	ASSISTANT PROFESSOR	2009	INFORMATION TECHNOLOGY
50	DR. SHUVENDU DEY	ASSISTANT PROFESSOR	2010	MASTER OF BUSINESS ADMINISTRATION
51	MR. SHOMNATH DUTTA	ASSISTANT PROFESSOR	2005	MASTER OF BUSINESS ADMINISTRATION
52	MS. SANTANA GUHA	ASSISTANT PROFESSOR	2010	MASTER OF BUSINESS ADMINISTRATION
53	MS. PAPIA BHOWMICK	ASSISTANT PROFESSOR	2018	MASTER OF BUSINESS ADMINISTRATION
54	MR. DEBAYAN NANDI	ASSISTANT PROFESSOR	2010	MASTER OF BUSINESS ADMINISTRATION
55	MS. PARAMITA CHOUDHURY	ASSISTANT PROFESSOR	2017	MASTER OF BUSINESS ADMINISTRATION

# Publications: (AY 2021-22)

SN	Title of paper	Name of the author/s	Department of the teacher	Name of journal	ISSN number
1	Fast Switching Behaviour and Dielectric Parameters of two Chiral Ferroelectric Mesogens	ShantiramNepal, SarmisthaMondal, AninditaSinha, Banani Das, Malay KumarDas, EwelinaDmochowska, Jakub Herman & MichalCzerwiński	Physics (DESH)	Liquid Crystals	DOI: 10.1080/02678292.2020.1735547
2	Dielectric Spectroscopy and Electrical Conductivity Measurements on High-Tilted Antiferroelectric Materials	Shantiram Nepal, Banani Das, Malay Kumar Das, Katarzyna Strójiwąż, Magdalena Urbańska	Physics (DESH)	Phase Transitions	DOI- org /10.1080/01411594.2020.1813288.
3	Dielectric Spectroscopy and Electrical Conductivity Measurements of a Series of Orthoconic Antiferroelectric Liquid Crystalline Esters	Shantiram Nepal, Banani Das, Malay Kumar Das, Madhumita Das Sarkar and Roman Dabrowski	Physics (DESH)	FERROELECTRICS	DOI.org/10.1080/0150193.2020.1839260
4	Society and life	Rimnichakravarty	Humanities	Langlit	2349-5189
5	EPISTLE TO NIRBHAYA	Rimnichakravarty	Humanities	The International Research Specialist	2350-1499
6	A new technique to investigate the orientation of periodic points of period $2^n$ of some unimodal maps governing one dimensional discrete dynamical systems.	Tarini Kumar Dutta, DebasmritiBhattacharjee, Debasish Bhattacharjee	Mathematics	Advances in Mathematics: Scientific journal	1857-8365
7	Mechanical bending induced fluorescence enhancement in plastically flexible crystals of a GFP chromophore analogue	B. Bhattacharya, D. Roy, S. Dey, A. Puthuvakkal, S. Bhunia, S. Mondal, R. Chowdhury, M. Bhattacharya, M. Mandal, K. Manoj, P. K. Mandal and C. M. Reddy	Physics	Angewandte Chemie	1433-7851

# Publications: (AY 2021-22)

8	<b>Rewritable Crystalline Monomer-Polymer Heterostructures Patterning and Mechanical Actuation via Topochemical Polymerization in a Dual-Responsive Photochromic Organic Material</b>	<b>R. Samanta, D. Kitagawa, A. Mondal, M. Bhattacharya, M. Annadhasan, S. Mondal, R. Chandrasekar, S. Kobatake, C. Malla Reddy</b>	<b>Physics</b>	<b>ACS Applied Materials &amp; Interfaces</b>	<b>1944-8244</b>
9	<b>Development of nanoporous hydroxyapatite coated e-glass for potential bone-tissue engineering application: An in vitro approach</b>	<b>A. Mahatoa, Z. Sandy, S. Bysakh, L. Hupa, I. Das, P. Bhattacharjee, B. Kundu, G. De, S. K. Nandi, P. Vallittue, V.K. Balla, M. Bhattacharya</b>	<b>Physics</b>	<b>Materials Science and Engineering: C</b>	<b>0928-4931</b>
10	<b>Multilayer ceramic-polymer microcompositewith improved optical tunability and nanomechanical integrity</b>	<b>S. Mukherjee, S. Rath, M. Bhattacharya, A. K. Mukhopadhyay</b>	<b>Physics</b>	<b>Ceramics International</b>	<b>0272-8842</b>
11	<b>Economic Development of Eastern Region of India: A Study on the Entrepreneurial Scenario of the region</b>	<b>Dr Shuvendu Dey</b>	<b>MBA</b>	<b>International Journal of IT, Engineering and Management (2021)</b>	<b>2249 0558</b>
12	<b>Healthcare Market in Post COVID-19 Era : A Case Study of North Bengal</b>	<b>Mr. Debayan Nandi</b>	<b>MBA</b>	<b>Global Journal for Research Analysis (2021)</b>	<b>2277 8160</b>
13	<b>Reverse Culture Shocks PostCOVID-19</b>	<b>Mr. Debayan Nandi</b>	<b>MBA</b>	<b>International Journal of Creative Research Thoughts (2020)</b>	<b>23202882</b>

# Publications: (AY 2021-22)

14	<b>Critical Study Of The Adverse Effects Of Merger Of Banks In The Indian Economy</b>	<b>Mr. Rajeev Dutraj</b>	<b>MBA</b>	<b>International Journal for Research in Engineering Application &amp; Management (IJREAM) (2020)</b>	<b>2454-9150</b>
15	<b>Self-Controlled PMSM Drive Employed in Light Electric Vehicle-Dynamic Strategy and Performance Optimization</b>	<b>ChiranjitSain,</b>	<b>EE</b>	<b>IEEE Access</b>	
16	<b>Comprehensive Review on Charging Solution of Electric Vehicle-An Internet of Things Based Approach</b>	<b>SarasijAdhikary, Pabitra Kumar Biswas, ChiranjitSain</b>	<b>EE</b>	<b>International Journal of Electric and Hybrid Vehicles, Inderscience Publications [Accepted for publication]</b>	
17	<b>Human Skin Ringworm Detection Using Wavelet and Curvelet Transforms: A Comparative Study</b>	<b>M. Saha, M. K. Naskar, B. N. Chatterji</b>	<b>ECE</b>	<b>International Journal of Computational Vision and Robotics</b>	<b>1752-9131</b>

# Research papers published in the National/International Conference / Book Chapters

SN	Name of the teacher	Title of the book/chapters published	Title of the paper	National / International	Name of the conference	ISBN/ISSN number of the proceeding	Name of the publisher
1	Rimni Chakravarty	post modern voices volume 2				9788194747888	Earth vision publisher
2	Rimni Chakravarty	Emerging Horizons				9789390670246	Earth vision publisher
3	Dr. Banani Das		Electro-Optic Performance of Smart Antiferroelectric Liquid Crystalline (AFLC) Compounds	International	1st International Conference on Evolving Materials and Nanotechnology for Sustainable Development 15-16 December 2020, Central University of Technology, Kokrajhar, Assam	NA	
4	Dr. Banani Das		Physical Properties of three High Tilted Antiferroelectric Liquid Crystalline Compounds from Electro-Optic Measurements	National	27th National Conference on Liquid Crystals, 21st - 23rd December 2020, Amity University Uttar Pradesh	NA	
5	Dr. Banani Das		Advanced Materials for Vertically Aligned Liquid Crystal Displays	International	2nd International Conference on Future Aspects of Sustainable Technologies (FAST) Department of Chemistry, Central Institute of Technology Kokrajhar (Deemed to be University MHRD, Govt. of India), Kokrajhar, Assam, India, on 20-21 October 2020	NA	



# Research papers published in the National/International Conference / Book Chapters

6	Dr. Banani Das		Orientational Order, Optical and Dielectric Properties of Liquid Crystals containing Bicyclohexane Rigid Core	International	1st International Conference on Evolving Materials and Nanotechnology for Sustainable Development (EMNSD-2020) Department of Physics, Central Institute of Technology Kokrajhar, (Deemed to be University under MoE, Govt. of India), Kokrajhar, Assam, India On 15-16 December 2020	NA	
7	Dr. Banani Das		Mesomorphic Properties of a Nematic Multicomponent Mixture for Vertically Aligned Liquid Crystal Displays	National	27th National Conference on Liquid Crystals (NCLC-2020). Department of Physics, Amity Institute of Applied Sciences, Amity University Uttar Pradesh, Noida, 21st-23rd December 2020	NA	
8	Dr. Banani Das		Static Permittivity and Electro-Optical Investigations of Bi-Component Antiferroelectric Liquid Crystalline Mixtures	National	27th National Conference on Liquid Crystals (NCLC-2020). Department of Physics, Amity Institute of Applied Sciences, Amity University Uttar Pradesh, Noida, 21st-23rd December 2020	NA	
9	Dr. Shuvendu Dey	Marketing: A Conceptual Framework	N.A	N.A	National	978-81-943113-8-6	Sunrise Publications, New Delhi 2020

# Research papers published in the National/International Conference / Book Chapters

10	Dr. Shuvendu Dey	A Comparative Study on the Factors Affecting the selection of TV Channel Packs of DTH/Cable Services	N.A	Globsyn Management Conference 2020	National	978-93-5407-031-0	Globsyn Management Conference Proceedings 2020
11	Dr.ChiranjitSain	Control Strategies of a Permanent Magnet Synchronous Motor Drives for Electric Vehicles					
12	Dr.ChiranjitSain	Communication and Control for Robotic Systems. Smart Innovation, Systems and Technologies, vol 229. Springer	Different Control Mechanisms of a PMSM Drive for Electrified Transportation-A Survey				
13	Subhajit Roy		Electrical Conductivity Study of Nano-Phased Materials: Frequency and Temperature Dependency	International	1st International e-Conference on Recent Advances in Physics & Materials Science-2020(IC-RAPMS-2020)		

# Research papers published in the National/International Conference / Book Chapters

14	MANAS KR. PARAI	NA	Potentiality of Data Fusion in Analog Circuit Fault Diagnosis	International	IEEE 29th Asian Test Symposium (ATS)	ISBN: 978-1-7281ISSN: 2377-5386	ieeexplore
15	MANAS KR. PARAI	NA	Fusion of Information for Fault Diagnosis in Analog Circuits	International	IEEE 17th India Council International Conference (INDICON)	ISBN: 978-1-7281ISSN: 2325-9418	ieeexplore
16	Aditi Sengupta	Electrode (Metal Oxide Glass Nanocomposites)	NA	NA	NA	978-0-12-817458-6	ELSEVIER
17	Anupam Mukherjee	Computational Intelligence in Pattern Recognition	Predictive Geospatial Crime Data Analysis and Their Association with Demographic Features Through Machine Learning Approaches	International	International Conference on Computational Intelligence in Pattern Recognition	LNNS, volume 480	SPRINGER

# Faculty Development Programs

SN	Name of teacher who attended	Title of the program	Duration (from - to) (DD-MM-YYYY)
1	Dr. Shuvendu Dey	National Faculty Development Program on Publishing in High Impact Journals	9/10/20 to 10/10/20
2	Mr. Debayan Nandi	Online Faculty Development Program on "Action Plan for implementation of online teaching & learning"	3/5/2020
3	Mr. Debayan Nandi	Faculty Development Webinar on "Online Teaching"	07-06-20 to 10-06-20
4	Mr. Debayan Nandi	5 Days Faculty Development Webinar on "Application of Software Tools in Research Methodology"	27/6/2020
5	Mrs. Swagata Nath	Faculty Development Program on GST using Tally Release 6.6 organized by Tally Education Pvt. Ltd	6/8/2020
6	Ms. Santana Guha	Faculty Development Program on GST using Tally Release 6.6 organized by Tally Education Pvt. Ltd	6/8/2020
7	Mrs. Paramita Choudhury	Faculty Development Program on GST using Tally Release 6.6 organized by Tally Education Pvt. Ltd	6/8/2020
8	Mr. Debayan Nandi	Data Analysis using Statistical Methods	01/02/21 to 06/02/21
9	Mr. Shomnath Dutta	5 Days Online AICTE (ATAL) Academy conducted Online Elementary Faculty Development Programme (FDP) on "Digital Media Marketing and Management" at Institute of Business Management & Research, IPS Academy, Indore(M.P)	17.05.21 to 21.05.21
10	Mr. Shomnath Dutta	7-Days Online Faculty Development Programme (FDP) on "Multivariate Data Analysis" jointly conducted by University of Calcutta Affiliated Naba Ballygunge Mahavidyalaya & Exceller Open	17.03.21 to 23.03.21

# Faculty Development Programs

SN	Name of teacher who attended	Title of the program	Duration (from - to) (DD-MM-YYYY)
11	Mr. Shomnath Dutta	5 Days Online AICTE (ATAL) Academy Faculty Development Programme (FDP) on "Operations Management" at Institute of Management Technology, Nagpur.	23.02.21 to 27.02.21
12	Mr. Shomnath Dutta	5 Days Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE)	18.01.21 to 22.01.21
13	Mr. Shomnath Dutta	5 Days Online AICTE (ATAL) Academy Faculty Development Programme (FDP) on "Entrepreneurship and Startup Opportunities through Tourism & Hospitality Business" at Mizoram University.	14.09.20 to 18.09.20
14	Mr. Shomnath Dutta	Online 5 Days Faculty Development Programme (FDP) on "ICT: Instructional Design, Development & Learning Analytics" jointly Conducted by IQAC - Kirori Mal College, University of Delhi & UGC Paramarsh	24.07.20 to 30.07.20
15	Mr. Shomnath Dutta	2 Days Online National FDP on "Publishing in High Impact Journal" conducted jointly by Globsyn Business School & Association of Indian Management School (AIMS)	09.10.20 to 10.10.20
16	JayantaBhusanBasu	"Inculcating Universal Human Values in Technical Education	18-01-2021 to 22-01-2021
17	JayantaBhusanBasu	FDP on "ICT: Instructional Design, Development and Learning Analytics"	24-07-2020 to 30-07-2020
18	JayantaBhusanBasu	Online FDP on "Insights of control systems and signal processing:Theory to Practice	02-07-2020 to 07-07-2020

# Faculty Development Programs

SN	Name of teacher who attended	Title of the program	Duration (from - to) (DD-MM-YYYY)
19	Subhajit Roy	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Current Trends of Power Electronics Applications in Electric Vehicles"	from 07-06-21 to 11-06-21
20	Subhajit Roy	AICTE Training And Learning (ATAL) Academy Online FDP on "Green Technology & Sustainability Engineering"	from 15-02-21 to 19-02-21
21	Subhajit Roy	AICTE Training And Learning (ATAL) Academy Online FDP on "Gamification"	from 18-01-21 to 22-01-21
22	Subhajit Roy	AICTE Training And Learning (ATAL) Academy Online FDP on "Electric Vehicles"	from 04-01-21 to 08-01-21
23	Subhajit Roy	AICTE Training And Learning (ATAL) Academy Online FDP on "Power Electronics application in Machine Drives and Power system"	from 01-12-20 to 05-12-20
24	Mitu Ranjan Chakraborty	Inculcating Universal Human Values in Technical Education	18-01-2021 to 22-01-2021
25	Anupam Mukherjee	"Introduction to Machine Learning" from IIT Madras	(12 week) December 2020
26	Anupam Mukherjee	Spatio Temporal Fusion using Deep Networks	22nd May 2021
27	Anupam Mukherjee	Security & Authentication Aspects of Communication	19th June 2021

# Faculty Development Programs

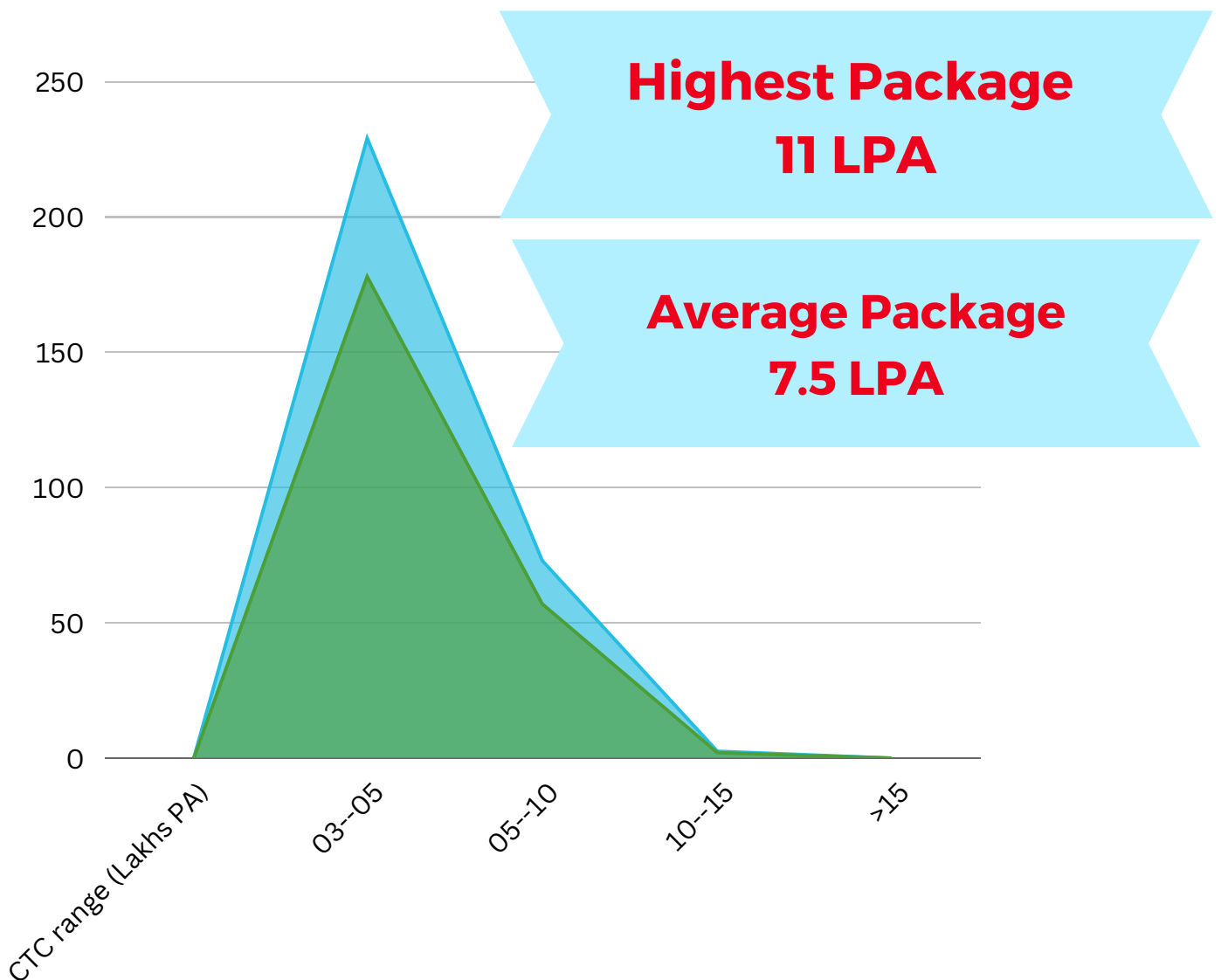
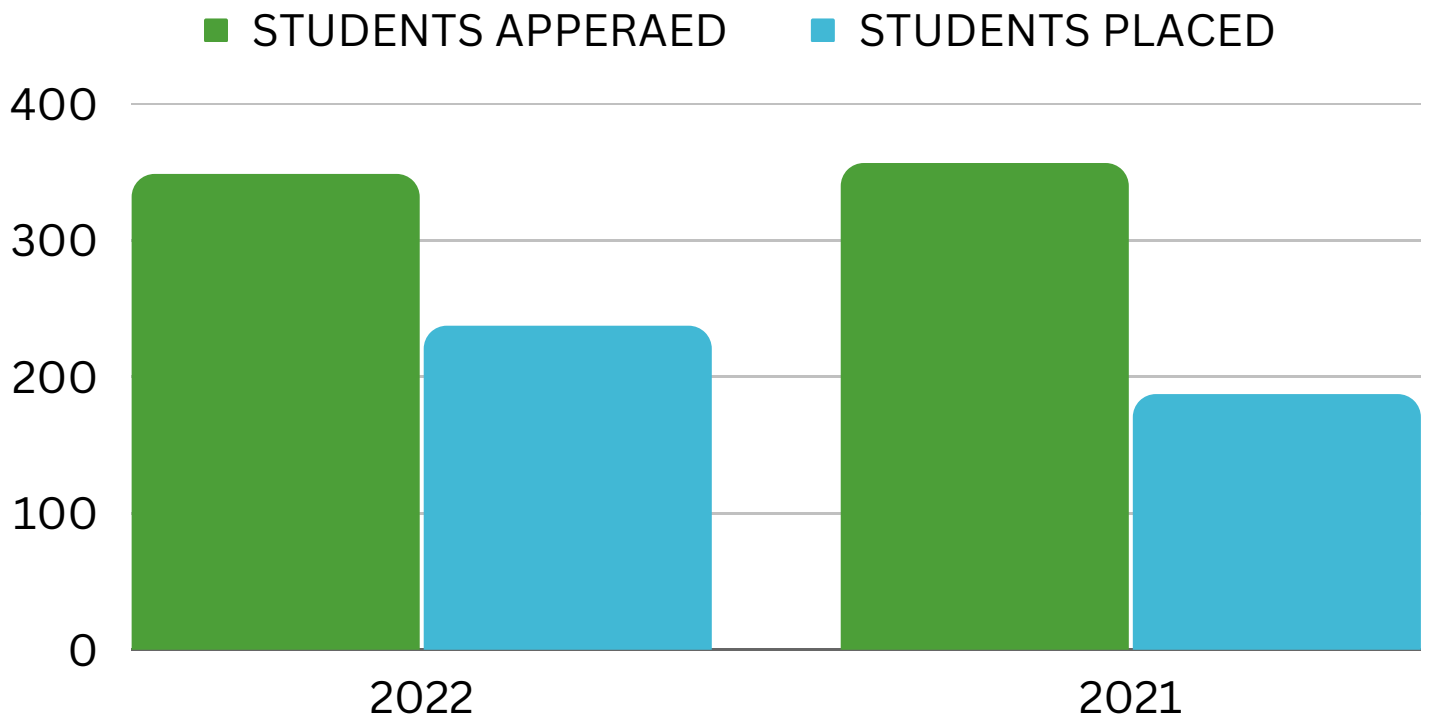
SN	Name of teacher who attended	Title of the program	Duration (from - to) (DD-MM-YYYY)
26	Arup Das	AICTE Training And Learning (ATAL) Academy Online FDP on ""Leadership & Excellence""	07-09-2020 to 11-09-2020
27	Arup Das	AICTE Training And Learning (ATAL) Academy Online FDP on ""Sensors Technology""	01-10-2020 to 05-10-2020
28	Shrabani Pal	One Week International Online Faculty Development Program (FDP) On Computational Intelligence and Modeling in Modern Power System	22-06-2020 to 27-06-2020
29	Shrabani Pal	Inculcating Universal Human Values in Technical Education	18.01.2021-22.01.2021
30	Jayati Routh	Recent Trends And Opportunities For Research In Electronics & Computer Engineering	24.05.2021-28.05.2021
31	Manas Kumar Parai	VLSI Design, Verification and Testing	07.06.2021-11.06.2021



# Faculty Development Programs

SN	Name of teacher who attended	Title of the program	Duration (from - to) (DD-MM-YYYY)
32	Sudip Kumar Ghosh	"Internet of Things (iot)"	01.02.2021 - 05.02.2021
33	Manas Saha	Recent Trends in Communication Systems & Devices	21.7.2020-25.7.2020
34	Anindita Sinha	1.Recent Trends in Communication Systems and Devices 2. FDP on Digital Image Processing	1. 21.07.2020-25.07.2020 2.. Sep-Dec 2020
35	Sarmistha mondal	1. FDP on : Advances in Technologies evolving new dimensions in e-society 2. Green iot for Green Environment	1. 02.09.2020 - 06.09.2020 2. 19.04.2021 - 24.04.2021
36	Aditi Sengupta	Semiconductor Devices & Circuits Introduction to Research	Sep-Dec, 2020 Sep-Nov, 2020

# Training & Placement Details



# Our Recruiters

 **thoughtworks**

**virtusa**

**TIGER**  
ANALYTICS

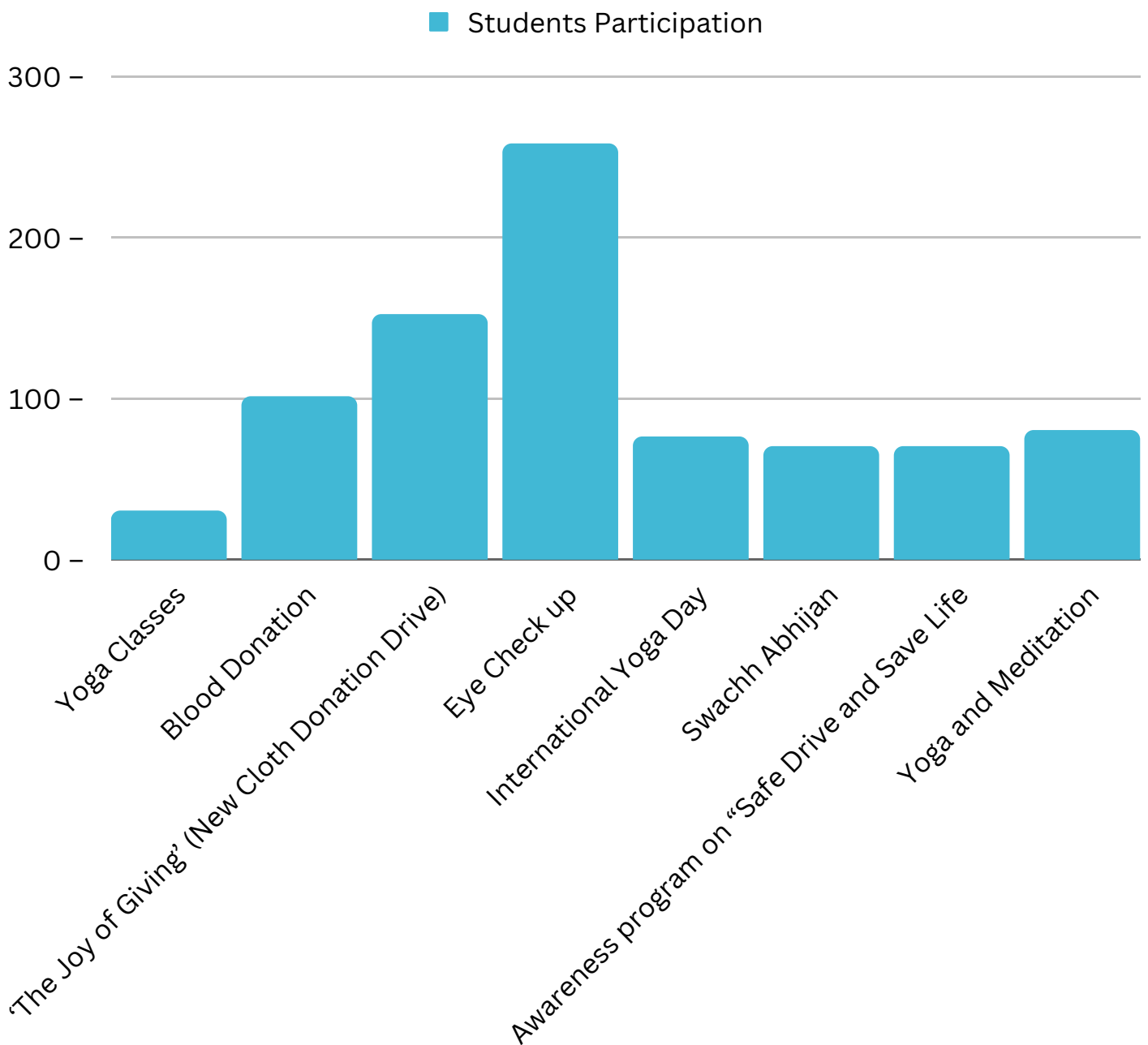
**tcs | NINJA**

**salesforce**

**accenture**

# NSS Activities

Siliguri Institute of Technology has been in the forefront of NSS activities with a motto “Service before Self”. The NSS SIT unit for the session 2022 - 23 has strength of 100 volunteers. The impetus is to give the students best educational experience in order to make them responsible and productive citizens of the country. It has undertaken many socially viable activities which are very much helpful to the mankind;



# NSS Activities

## CONCLUSION:

Siliguri Institute of Technology National Service Scheme (NSS) Unit regularly organizes Awareness campaigns on current issues affecting society, Medical checkup camps, Blood Donation camps etc. Siliguri Institute of Technology believes in holistic development of a student and hence these activities are incorporated in their educational pursuits to arouse the social consciousness of students and provide them with the opportunity to work with the people in and around the educational campuses creatively and constructively and to put the education they received to concrete social use. It enables the students to upgrade their personality, gain experience and acquire leadership qualities through community services. NSS SIT Unit always looks forward to many social and noble initiatives of making our society a better place to live in.





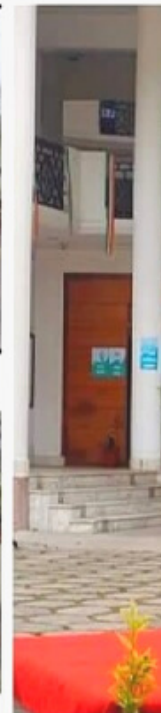
# Cultural Events

Celebration of Birth Anniversary of Netaji Subhash  
on 23.01.2021



# Cultural Events

Celebration of Republic Day on 26.01.21







# END OF REPORT