

Indian Institute of Information Technology Guwahati

Director's Report 2021-22

Special guests Prof. T. G. Sitharam and Prof. Bhabesh Goswami, Mr. S. Ramadorai, Chairman, Board of Governors, members of the Board of Governors, members of the Senate, invited guests, graduating students, faculty and staff of the Institute, parents and guardians, ladies and gentlemen – it is my pleasure to welcome you all to the fourth Convocation of IIIT Guwahati.

Due to the Covid pandemic, held its second convocation in “virtual mode” in December 2020, and the Institute could not hold its convocation in 2021. So we are going to award degrees to those complete their degree requirements in 2020-21 and in 2021-22.

I take this opportunity to thank Dr. Himanta Biswa Sarma, Honourable Chief Minister of Assam, for accepting our invitation to deliver the Convocation address, but unfortunately he could not attend today's function. His speech will be read out later.

322 students of the Institute are going to be awarded their degrees today. Now I am going to present a brief report on the activities and achievements of the Institute during the last year, ending on March 31 2022.

SUMMARY OF THE EVENTS OF THE LAST YEAR

The Covid-19 pandemic continued to have an impact on the functioning of the Institute in 2021-22. Classes were held in online mode in the Monsoon 2021 semester. There was a plan to start physical classes in the Winter 2022 semester, from the beginning of January, but the third wave of Covid-19 in January, caused a delay. Physical classes were started from 15th of March 2021, but with the students optionally allowed to continue their learning in online mode. As in the previous year, the Institute allowed students to remain in the hostels with one student per room. JEE entrance exams were again postponed in 2021, and so, admission to the B.Tech programme got delayed, and classes for the first year started from December 27 2021, whereas they should have started in the beginning of August. Their first semester was from December to April, with the second semester planned from April to July. The Institute received no funds from its stakeholders in 2021-22. The TEQIP project had also ended in March 2021. The Institute met its expenditure entirely from its own income, which was primarily from fees. The Institute needed more hostel seats to accommodate all its students. As a loan was not forthcoming from any source, the Institute prepared a plan to construct a single storey, “Assam-type” boys’ hostel of capacity 96, and to extend the Girls’ hostel by a similar structure of capacity 30. The estimated expenditure of Rs. 6.31 crores was to be met from the Institute’s income. A tender was floated, and the work was allotted in January 2021. The Institute also created a lake as per the Master Plan. The excavated soil was used to fill up areas required for the new hostels and for future construction. The Govt. of Assam announced a grant of Rs. 10 crores to the Institute in its budget of 2022-23. This has set in motion a larger construction programme to be taken up in 2022-23 and succeeding years. On behalf of the Institute I wish to thank the Govt of Assam for this financial support, and we hope we will receive more support in coming years too.

One major change that was introduced in the B.Tech curriculum this year was giving students an option to take up an internship in their final semester in the Institute. Along with the internship, which is evaluated by faculty of the Institute, students have to register for one or two courses in online mode. This initiative help students in their placement, and also gives them some experience in industry.

ADMISSIONS

B.Tech Programme

Students are admitted through the Joint Entrance Examination (JEE) conducted by the National Testing Agency for Centrally Funded Technical Institutes. Reservations of seats are as per the Central Educational Institutions (Reservation in Admission) Act, 2006. B.Tech programmes in CSE and ECE were started in 2013. The sanctioned

strength in 2021 was 200 (CSE: 115, ECE: 85). Twenty percent of these seats were added as super-numerary seats for girl students and 3% reservations for EWS was incorporated, without reducing the number of general category seats, resulting in an intake of 254. Admissions were delayed due to the Covid pandemic and classes for the first year started on December 27 2021. The actual number of students who remained after initial drop-outs was 229 (CSE- 160, ECE- 69).

M.Tech Programme

M.Tech programmes in CSE and ECE which were started in 2018 had an intake of 60 (CSE 35, ECE 25). An online mode was introduced in the M.Tech programme in CSE from 2020. Further, an online mode with the existing Specialization 'Communication and Signal Processing' and a new specialization 'VLSI and Embedded System' were introduced in ECE from 2021. The actual number of students who joined were 49 [CSE (on-campus) – 19, CSE (online) – 11, ECE-CSP (on-campus) – 7, ECE-CSP (online) – 8, ECE-VLSI – 5].

PhD Programme

The following number of students were admitted to the PhD programme in 2021-22.

Department	Full-time	Part-time	Total
CSE	8	1	9
ECE	3	0	3
Science and Mathematics	5	0	5
HSS	4	0	4
Total	20	1	21

3 students – 2 in ECE and 1 in Mathematics, have completed their PhD programmes in 2021-22 and provisional certificates were issued to them.

Student Profile

At the end of March 2022, there were 1001 students in the Institute with the following profile:

	Male	Female	General	OBC	SC	ST	Total
B.Tech CSE 2018	113	5	69	32	10	7	118
B.Tech ECE 2018	66	2	32	26	9	1	68
B.Tech CSE 2019	126	27	77	44	24	8	153
B.Tech ECE 2019	46	11	24	28	4	1	57
B.Tech CSE 2020	121	22	70	41	19	13	143
B.Tech ECE 2020	43	6	19	19	9	2	49
B.Tech CSE 2021	135	25	77	47	24	12	160
B.Tech ECE 2021	61	8	30	26	9	4	69
B.Tech Total	711	106	398	263	108	48	817
M.Tech CSE 2020 (online)	11	3	13	1	0	0	14
M.Tech CSE 2020 (on-campus)	8	8	12	1	1	2	16
M.Tech ECE 2020	1	6	4	3	0	0	7
M.Tech CSE 2021 (online)	9	2	9	0	1	1	11
M.Tech CSE 2021 (on-campus)	12	7	12	4	2	1	19
M.Tech ECE 2021 (online)	5	3	7	0	1	0	8
M.Tech ECE 2021 (on-campus)	9	3	7	4	1	0	12
M.Tech Total	55	32	64	13	6	4	87
PhD CSE (Regular)	11	8	16	2	0	1	19
PhD CSE (Part-time)	18	7	20	1	4	0	25
PhD ECE (Regular)	12	7	16	3	0	0	19
PhD ECE (Part-time)	12	5	14	1	1	1	17

PhD HSS (Regular)	1	8	8	0	0	1	9
PhD HSS (Part-time)	1	1	2	0	0	0	2
PhD Maths (Regular)	4	2	4	1	0	1	6
PhD Maths (Part-time)	0	0	0	0	0	0	0
PhD (regular)	28	25	44	6	0	3	53
PhD (Part-time)	31	13	36	2	4	1	44
PhD Total	59	38	80	8	4	4	97
Grand Total	825	176	542	284	118	56	1001

Graduating Students

Today we are offering B.Tech, M.Tech, and PhD degrees to students who have successfully completed their degrees in 2021 & 2022. Altogether 75 students from the 2021 batch and 182 students from the 2022 batch in the B.Tech programme, 22 students from the 2021 batch and 34 students from the 2022 batch in the M.Tech programme, and 5 students from the 2021 batch and 4 students from the 2022 batch in the PhD programme, for a total of 322 students are being awarded degrees today. My congratulations to all of them.

FACULTY AND STAFF

The faculty profile at the end of March 2022 was as below:

	Male	Female	Gen	OBC	SC	ST	Total
Associate Prof. CSE	3	1	3	0	1	0	4
Asst. Prof CSE	11	4	9	4	1	1	15
Professor CSE (on contract)	1	0	1	0	0	0	1
Associate Prof ECE	2	1	3	0	0	0	3
Asst. Prof. ECE	9	6	12	1	2	0	15
Associate Prof. Maths	1	0	1	0	0	0	1
Asst. Prof. Maths	2	2	4	0	0	0	4
Associate Prof. HSS	0	1	1	0	0	0	1
Asst. Prof. HSS	4	1	4	1	0	0	5
Total	33	16	38	6	4	1	49

The number of sanctioned faculty posts are 84.

The staff profile at the end of March 2022 was as below:

Item	Male	Female	Gen	OBC	SC	ST	Total
Registrar	1	0	1	0	0	0	1
Assistant Registrar	1	0	1	0	0	0	1
Superintending Engineer	1	0	1	0	0	0	1
Senior Superintendent	5	1	4	1	0	1	6
Junior Accounts Officer	1	0	1	0	0	0	1
Senior Technical Superintendent	4	0	1	2	1	0	4
Junior Technical Superintendent	2	0	0	1	1	0	2
Library Information Officer	1	1	0	1	0	1	2
Junior Assistant	7	2	6	2	1	0	9
Total	23	4	15	7	3	2	27

PUBLICATIONS

The number of publications by faculty members in the year 2021-22 is as in the table below. There is an increase in the total number of journal publications, whereas there is a decrease in the total number of conference publications and book chapters. The overall rate of publications compared to last year remains about the same.

Year	Journals	Conferences	Book chapters	Newspaper Article	Total
2021-22	55	69	7	-	131
2020-21	45	78	8	6	137
2019-20	35	59	3	-	97
2018-19	20	41	3	-	64
2017-18	14	44	3	-	61

SPONSORED RESEARCH

An important source of funding for research is sponsored research funding. A number of projects were obtained in the last one year. The details are as follows:

New Projects granted in April 2021 to March 2022

Sl. no	Project Title	Name of the PI	Funding Agency	Project Amount (INR)	Project start date
1	Study of degree regular maps on surfaces and groups generated by the symmetries of the maps	Dr. Dipendu Maity	NBHM, Dept. of Atomic Energy	15,15,900.00	12.08.2021
2	Study of group actions on degree-regular maps and surfaces with symmetry	Dr. Dipendu Maity	DST-SERB	13,60,634.00	13.12.2021
3	Feasibility study of zero trust in InstaSafe framework	Dr. Srinibas Swain	Instasafe	1,03,400.00	28.12.2021
4	On Performance of structural damage detection based on: mathematical and machine - learning models in harmony, and domain adaptation with scaled physical model using limited sensors	Dr. Moumita Roy (Co-PI)	DST-SERB	6,93,000.00	31.12.2021
5	Design of 8 BIT 1 GSPS Flash ADC	Dr. Sounak Roy	ISRO, Dept. of Space	20,74,000.00	14.02.2022
	Total			57,46,934.00	

There were 16 projects that were awarded earlier and were continuing in 2021-22, with a total funding of Rs. 2.61 crores. Three projects with a total funding of Rs.57.99 lakhs completed in 2021-22.

ATAL Faculty Development Programmes conducted in IIITG during April 2021 to March 2022

Sl. no	Project Title	Name of the PI	Funding Agency	Project Amount (INR)	Event Duration
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1	Device Security in Internet of Things	Dr. Rakesh Matam	AICTE	93,000.00	07.08.2021 to 11.08.2021
2	Blockchain and its Security Perspectives'	Dr. Subhasish Dhal	AICTE	93,000.00	06.12.2021 to 10.12.2021

COLLABORATIONS

The Institute has collaborated with a number of Institutions in teaching and research programmes. MoUs signed during the year were:

MoU with International Institutions:

1. Network "n+i" - engineering institutes, France
2. College of Engineering, National Sun Yat-Sen University (NSYSU), Taiwan

MoU with National Institutions:

1. Electronics & ICT Academy, IIT Guwahati
2. CDAC, Mohali
3. Software Technology Parks of India (STPI)

Collaboration with International Institutions:

Faculty name (IIITG)	Nature of Collaboration (project/ publication/ patent/others)	Name of the collaborating institute	Country	Present Status (completed/ ongoing)
Subhasish Dhal	Publication	San Diego State University	United States	Ongoing
Soumi Chattopadhyay	Publication	The Chinese University of Hong Kong	Hong Kong	Completed
	Publication	CSIRO, Australia	Australia	Ongoing
Shovan Barma	Publication	University of Macau	Macau, China	Ongoing
	Project	NARSS, Egypt	Egypt	Ongoing
	Project	NCKU, Taiwan	Taiwan	Ongoing
Ferdous Barbhuiya	Student Visit, Publication	Télécom SudParis	France	Ongoing
	Student Visit, Publication	The University of Newcastle	Australia	Ongoing
Sanjay Moulik	Publication	Norwegian University of Science and Technology	Norway	Ongoing
Rakesh Matam	Project, Publication	Nanjing University of Information Science and Technology	China	Ongoing
	Publication	Universitat Politecnica de Valencia, Spain	Spain	On going
	Publication	University of Nicosia, Nicosia, Cyprus	Cyprus	Ongoing
	Publication	Hellenic Mediterranean University, Crete, Greece	Greece	Completed
Moumita Roy	Publication	University of Trento, Italy	Italy	Completed
Srinibas Swain	publication	Purdue University	USA	Completed
	publication	University of North Texas	USA	Completed

	publication	Khalifa University	UAE	Ongoing
	publication	Monash University	Australia	Ongoing
	publication	Victoria University	Australia	Ongoing
	publication	Deakin University	Australia	Ongoing
	publication	University of Newcastle	UK	Completed
Mourina Ghosh	publication	Liaocheng University	China	Ongoing/ Completed
Dipendu Maity	Publication	State University of Maringá Maringá - PR, Brazil	Brazil	1 completed and ongoing
Shyamal Ghosh	Publication	Queen Mary University of London	UK	One completed and one ongoing
	Publication	University of the Free State Bloemfontein	South Africa	One completed and one ongoing

Collaboration with National Institutions:

Faculty name (IIITG)	Nature of Collaboration (project/ publication/ patent/others)	Name of the collaborating institute	Present Status (completed/ ongoing)
Subhasish Dhal	Project, Publication	NIT Karnataka, Surathkal	Ongoing
Bidisha Dasgupta	Publication	Space Applications Centre, Indian Space Research Organization, Microwave Remote Sensors Area, Ahmedabad Gujarat, India	Completed
Soumi Chattopadhyay	Publication, Project	Indian Statistical Institute	Ongoing
		Indian Institute of Technology Patna	Ongoing
		Indraprastha Institute of Information Technology Delhi	Ongoing
Shovan Barma	Project, Publication	IIT Kharagpur	Ongoing
		IIT Guwahati	Ongoing
		Jadavpur University	Ongoing
		IIT Indore	Ongoing
		IIT Madras	Ongoing
Sanjay Moulik	Publication	Nvidia Graphics, Bangalore	Ongoing
Upasana Talukdar	Publication	IIT Guwahati	Ongoing
Rakesh Matam	Publication	IIT Patna	Ongoing
	Publication	BITS Pilani, Hyderabad	Ongoing
	Publication	Mnit Allahabad	Ongoing
Ferdous Barbhuiya	Publication	Tezpur University	Ongoing
	Project, Publication	IBM Research Lab	Ongoing
	Project, Publication	Accenture Tech Lab	Ongoing
Manojit Ghose	Publication	IIT Guwahati, NIT Meghalaya	Ongoing
Moumita Roy	Project, Publication	IIITDM Kurnool, NIT Silchar, ISI Kolkata, Jadavpur University	Ongoing/Completed
Srinibas Swain	Publication	IIT Guwahati	Ongoing
Babita Jajodia	Publication	IIT Jodhpur	Completed
Mourina Ghosh	Publication	NIT Manipur, NIT Patna, Calcutta University	Ongoing/Completed
Shyamal Ghosh	Publication	Indian Institute of Technology Bombay	Ongoing
Dipendu Maity	Publication	IIT Patna, IISc Bangalore, BHU	4 Completed, 3 Ongoing

Rusha Patra	Publication	IIT Kharagpur, NIT Rourkela	2 completed
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AWARDS, ACHIEVEMENTS AND OTHER ACTIVITIES

The **Department of CSE** organised the following:

Participation in National Level Committees:

1. Dr. Ferdous Ahmed Barbhuiya was a member of the Working Group (WG) on "Mobile Device Security" for the realisation of the mission set forth by the Ministry of Electronics and Information Technology (MeitY), Government of India.
2. Professor Gautam Barua was a member of the Joint Admissions Board (JAB) of the JEE-Main entrance examination.

Others:

1. Ms. Richa Sarma and Dr Ferdous Ahmed Barbhuiya received the Outstanding Paper Award in the 22nd edition of the International Conference on Parallel and Distributed Computing: Applications and Technologies (PDCAT) 2021 for the paper titled "MOFIT: An Efficient Access Control Scheme with Attribute Merging and Outsourcing Capability for Fog-Enhanced IoT".
2. World Rank 8 in heuristic track of Parameterized Algorithms and Computational Experiments (PACE) challenge 2021 in general category (World Rank 2 in student category) with Sachin Agarwal, Sahil Bajaj, Ojasv Singh (<https://pacechallenge.org/2021/results/>).
3. World Rank 8 in the exact track of PACE challenge 2021 in the general category with Sachin Agarwal, Sahil Bajaj, Ojasv Singh (<https://pacechallenge.org/2021/results/>).

The **Department of ECE** organised the following:

Workshop/Talk Organized:

1. Workshop organized on "Online Technical Session on VLSI and Embedded Systems" at IIIT Guwahati in association with CoreEL Technologies, Bangalore, Karnataka, India, 20 August 2021, Coordinated by Rakesh Biswas and Babita Jajodia.
2. Online Technical Session on "Design and Prototype FPGA and SoC Systems using MATLAB & Simulink" at IIIT Guwahati in association with MathWorks India Private Limited, 4th March 2022, Coordinated by Babita Jajodia.

Other Activities:

1. Shovan Barma as Session Chair of IEEE International Conference on Orange Technology (ICOT), in Tainan, Taiwan. 16-17 December 2021
2. Sudip Biswas as TPC member for IEEE GLOBECOM 2021 (Selected areas in Communications: Machine Learning for Communications)
3. Sudip Biswas as TPC member for IEEE ICC 2021 (Wireless Communications)

Other Achievements:

1. Babita Jajodia featured in "[IBM's Qiskit Quantum Women of India 2021 Feature Book](#)".
2. Bidisha Dasgupta was elevated to the grade of IEEE Senior member in April 2021.
3. Shovan Barma was appointed as Associate Editor of IEEE Transactions on Instrumentation & Measurement (TIM).
4. Sudip Biswas was appointed as Editor of IEEE Transactions on Green Communications (TGCN).

The **Department of HSS** organised the following:

Sessions chaired in Seminars/conferences

1. Mitra, Rajarshi. Respondent for a panel in Second Seminar on Culture, Things and Empire: Series One Programme, Jan 20, 2021 (virtual). <https://culturethingsempire.wordpress.com/cfp/>

Editorial

1. Barua, Suranjana. Member of Editorial Committee for the journal *Language and Language Teaching* (ISSN 2277-307X) for Vol 10 Issue 20 July 2021 and one of the Editors for Volume 11 Number 1 Issue 21 January 2022 (<http://ilt.org.in/>)

Training

1. Arjab Roy Completed a One-Week International Online Faculty Development Programme on “Generation Z: Effective Strategies for English Language Teaching”, held from 21st – 28th March, 2022, organized by Department of Languages, Presidency University, Bengaluru, Karnataka.
2. Suranjana Barua Completed *Recurrent Training for Interlocutors, Aviation English Language Experts (Raters) and Aviation English Trainers* organized by Airports Authority of India from 17 October-20 November, 2021.

Paper Award

1. Ms. Bhavana Barman, Ph.D. research scholar of HSS department was awarded the second prize in the best research paper award category in the Oral Presentation in the Research Conclave 2022, held at NIT Meghalaya from 28th February to 1st March 2022.

STUDENTS’ ACTIVITIES

During the year 2021-22, most of the classes were held online and the Students’ Gymkhana Council elections were not held. SGC members were appointed based on nominations. Even though most of the students were not in campus during the year, lots of events and activities were held by the clubs under various boards, both in online and offline mode. The different Boards of the Students’ Gymkhana and the various Clubs under them are as follows:

Programming Club	Cultural Board	Sports Board	Welfare Board
<ul style="list-style-type: none">• Robotics Club	<ul style="list-style-type: none">• Dance Club	<ul style="list-style-type: none">• Outdoor Club	<ul style="list-style-type: none">• Eco & Outreach Club
<ul style="list-style-type: none">• Mavericks- The Machine Learning Society	<ul style="list-style-type: none">• Photography Club	<ul style="list-style-type: none">• Indoor Club	<ul style="list-style-type: none">• Health Club
<ul style="list-style-type: none">• Google Developer Students' Club	<ul style="list-style-type: none">• Music Club• Movie Club		<ul style="list-style-type: none">• Girls’ Empowerment Group (GEG)
	<ul style="list-style-type: none">• Reading Club• Literary Club• Quiz Club• Drama Club• Fine Arts Club		

Various events conducted by 17 Clubs under the different Boards are given below:

Events under different Boards:

Various events were held by different Clubs under the separate Boards during the year 2021-22. The list of the same is given below.

Technical Board

Programming Club	
Date	Events
04.04.2021 – 05.04.2021	CP League #5
04.09.2021	Introduction to Flutter
06.09.2021 -22.09.2021	Instagram Quiz
07.09.2021 – 15.09.2021	Hack4Earth Hackathon (Under IIITG Swachhta Pakhwada)

11.09.2021	Code IIITG 4.0
12.09.2021	JavaScript Fundamentals
06.10.2021	Navigation and Stateful Widgets in Flutter
10.10.2021	Code IIITG 4.1
17.10.2021	Serving and Routing in NodeJS
07.11.2021	Code IIITG 4.2
10.11.2021 – 11.11.2021	CP League #6
13.11.2021 – 14.11.2021	CSS Clash
09.01.2022	Introductory Session
11.01.2022	Mentorship Program
14.01.2022	Introduction to Competitive Programming
16.01.2022	Introduction to Web Development - 1
17.01.2022 – 31.01.2022	Instagram Quizzes
19.01.2022	Orientation Session (Under Mentorship Program)
21.01.2022	Introduction to Web Development - 2
22.01.2022 – 23.01.2022	Senior – Junior Interaction Session
26.01.2022	JavaScript Fundamentals
30.01.2022	Code IIITG 5.0
01.02.2022 – 28.02.2022	Instagram Quizzes
03.02.2022	Introduction to Git and Github
04.02.2022 – 06.02.2022	CSS Clash #2
02.03.2022 – 04.03.2022	Tink – A – Thon
10.03.2022	Kotlin for Android Development Part - 1
13.03.2022	Kotlin for Android Development Part - 2
26.03.2022	Promises and Async JavaScript
28.03.2022	Code IIITG 5.1
Robotics Club	
Date	Events
12.10.2021	Circuit Simulation and Tinkercad Session
15.11.2021	Introduction to Matlab Robotics
31.01.2022	Introduction to Tinkercad
13.03.2022	Blender Session
Mavericks – The Machine Learning Society	
Date	Events
08.09.2021	Linear Algebra and Institution for Linear Regression for One Variable
15.09.2021	Introduction to Python and Pandas
09.10.2021	Implementation of Linear Regression
19.10.2021	Processing Data using Titanic Dataset
09.11.2021	Fitting Models on Titanic Dataset
15.01.2022	Conference on Machine Learning – Introductory Session
28.01.2022	Exploratory Data Analysis
12.03.2022	The Teachable Machine & Kaggle
Google Developer Students Club	
Date	Events
20.10.2021	Cloud Study Jam
21.10.2021	Intro to Github

Cultural Board

Literary Club		
Date	Events	Details of Events
14.09.2021	We've Got Issues (Debate)	It was organised by Literary Club under Cultural Board under Swachhta Pakhwada events..
09.10.2021 11.10.2021	Essay Writing Competition	An essay writing competition on "Freedom Fighters of Rajasthan" was organised by Literary Club under Cultural Board of IIITG to celebrate "Azadi Ka Amrut Mahotsav" under EBSB.
11.03.2022	Poetic Origin	A recitation competition "Poetic Origin" was organised by Literary Club under Cultural Board of IIITG.
Movie Club		
Date	Events	
15.10.2021	The Netflix – Prime Quiz	
Music Club		
03.04.2021	Scribbled Harmony (Round 2)	
Fine Arts Club		
Date	Events	Details of Events
03.05.2021	Relay Art Competition "ARTVILLE"	A one-hour relay art competition was organised by Fine Arts Club under Cultural Board of IIITG.
07.09.2021	Poster Making Campaign	It was a 5 days long event where participants submitted posters on the theme of Swachhta under Swachhta Pakhwada Campaign. It was organised by Fine Arts Club under Cultural Board of IIITG.
09.10.2021	Culture on Canvas	In this event, participants represented the favourite state's culture (heritage, tradition, food, clothes, festival, music and dance forms, etc) through their artistic skills. It was organised by Fine Arts Club under Cultural Board of IIITG.
14.01.2022	Joys of Childhood	In this event, the participants represented the childhood phase through their artistic skills. It was organised by Fine Arts Club under Cultural Board of IIITG.

Quiz Club

Date	Events	Details of Events
30.05.2021	EBSB Event Quiz	Under EBSB event, a quiz was organised by Quiz Club in collaboration of Literary Club under Cultural Board of IIITG. The theme of the quiz is "Modern Rajasthan Quiz – It is not always sand dunes, forts and kings". Under this event, a new language of Rajasthan has been taught under EBSB.
02.09.2021 21.09.2021	A Question A Day	It was organised on the Instagram page of Quiz Club under Cultural Board of IIITG. Everyday a new question was asked through the Instagram stories and the first three people to answer the question correctly were

		allotted points. At the end of the month the cumulative score was calculated and the winner was given a shoutout on Instagram.
12.09.2021	Swachhta Quiz (Under Swachhta Pakhwada)	It was organised by Quiz Club under Cultural Board of IIITG as part of Swachhata Pakhwada.
01.01.2022	A Question A Day	A daily online quiz (one question in one day) on Instagram was organised by Quiz Club under Cultural Board of IIITG and the first three people to answer the question correctly were allotted points. At the end of the month, the cumulative score was calculated and a winner was given a shoutout on Instagram.
17.01.2022	Fresher's Quiz	
Photography Club		
Date	Events	Details of Events
24.01.2022 04.02.22	Campus Hunt	It was a 7 days long event named "Campus Hunt" and the participants were asked to capture the beauty of the Campus. It was organised by Photography Club under Cultural Board of IIITG.
26.01.2022	Long Exposure	It was organised on the occasion of Republic Day in boys hostel and it was organised by Photography Club under Cultural Board of IIITG.
22.03.2022	Sports Carnival	The Photography Club under Cultural Board took part in taking photographs of the event.
Dance Club		
Date	Events	Details of Events
06.04.2021	Offline Dance Club Session	It was organised by Dance Club under Cultural Board of IIITG to teach Tollywood style dance to students
19.04.2021	Bihu Celebration	Bihu Celebration was conducted in IIITG ground. Various dances like Tiwa, Jhumoor, Bihu and Paha were performed. It was organised by Dance Club under Cultural Board of IIITG.
29.04.2021	Dance Video for World Dance Day	On the occasion of World Dance Day, club members of Dance Club posted a dance video of different styles on Instagram. It was organised by Dance Club under Cultural Board of IIITG
15.08.2021	Independence Day Celebration	Independence Day was celebrated in IIITG. National Flag was been hosted by Director. Cultural Programme by students was organized by Cultural Board.
05.09.2021	Teacher's Day Celebration	Teacher's Day was celebrated online in IIITG by Dance Club under Cultural Board of IIITG.
28.01.2022	Badhte Kadam Event	
Drama Club		
Date	Events	
05.09.2021	Mimicry and Stand Up Comedy	
15.09.2021	Awareness Video on Mental and Physical Well Being (Under Swachhta Pakhwada)	
06.03.2022	Online Session	
07.03.2022	Offline Session for Monologue	

07.03.2022	Monologue	Competition
11.03.2022	(on the occasion of Women's Day)	

Sports Board

Indoor Sports & Outdoor Sports		
Date	Events	Details of Events
30.01.2022	Sports Talk on Indigenous Sports of Assam and Rajasthan EBSB	A general discussion on indigenous sports from Assam and Rajasthan promoted by Govt. of India on national level was organised by Indoor Sports Club and Outdoor Sports Club under Sports Board of IIITG as part of EBSB.
24.03.2022 08.04.2022	Sports Carnival	It was organised by Indoor Sports Club under Sports Board of IIITG. In this events, various sports like table tennis, carom and chess have been played by Faculty, Students and Staffs.

Welfare Board

Eco and Outreach Club		
Date	Events	Details of Events
06.09.2021 12.09.2021	Swachhta Pakhwada	Under this event, cleanliness, plastic segregation drive, tree plantation drive, awareness program related to waste management were organised. Swachhta Pledge was also taken by the people of IIITG. It was organised by Eco and Outreach Club under Welfare Board of IIITG.
12.09.2021	JavaScript Fundamentals	
02.10.2021	Gandhi Jayanti	Eco & Outreach Club under Welfare Board of IIITG organised a Cleanliness and Plastic segregation drive along with Swachhta Pledge taking ceremony inside the IIITG campus.
30.01.2022 02.02.2022	Article Writing Competition	An article writing competition on "Environmental Cost of Covid – 19" was organised by Eco & Outreach Club under Welfare Board of IIITG.
30.01.2022 29.04.2022	Adopt a Tree	It is an ongoing event on adoption of a tree across India and post the picture in every 15 days. Eco & Outreach Club under Welfare Board of IIITG has taken initiative since past few years and promoting the initiative.
05.02.2022	Article Writing	An article writing on "Environmental Cost of Covid-19" was organised by Eco and Outreach Club under Welfare Board of IIITG.
06.03.2022	Open Air Camp	Eco and Outreach Club under Welfare Board in collaboration with Aranyak (A Nature and Wildlife Conservation Organisation) organised the event. The theme of the event was "Nature Conservation with Special Reference to Greater/Lesser Adjutant Stork". Photography Club under Cultural Board took part in taking photographs of the events.

25.03.2022	Webinar :Emotional Roller Coaster	It was organised by Eco and Outreach Club under Welfare Board to insist the students to maintain the mental health and teaching the ways in which they can keep themselves fit and happy.
27.03.2022	EBSB Talk Show	It was organised by Eco and Outreach Club under Welfare Board on the topic “Riverine and Desert Ecology Pertaining to Assam and Rajasthan” as part of EBSB.
Girls’ Empowerment Group		
Date	Events	Details of Events
23.10.2021	Hacktoberfest Kickoff	It was organised by Girls’ Empowerment Group under Welfare Board in collaboration with Google Developer Student Club under Technical Board of IIITG.

ANNUAL INSTITUTE AWARDS:

The Annual Institute Awards are given out every year in three categories which are 1) Best performing Club, 2) Exemplary Hostel Wing and 3) Best Social Initiative.

The Exemplary Hostel Wing Award for 2020-21 was dropped as most of the students were not in hostels. Also, for the Best Social Initiative Award, none of the nominations could qualify for the Award.

Therefore, for the year 2020-21, only one award was given, in the category of Best Performing Club, which was announced on 19.04.2021 and was awarded to Prashnatatra (Quiz Club).

STUDENTS’ ACHIEVEMENTS

IIIT Guwahati students have at National and International level earned a name both in academic as well as extra-curricular activities outside the Institute. Some such achievements are listed below:

Academic achievements

1. Bhavana Barman, Roll No: 2103025 (HSS)- Won 2nd position in oral presentation of Research Paper at 3rd Research Conclave 2022, organized by NIT Meghalaya. Event was held on 28th February and 1st March 2022 at National Institute of Technology, Meghalaya.
2. Subhajit Ghosh, Roll No: 2102041 (CSE)- Won 2nd Prize in Data Science Hackathon organised by EICT Academy-IIT Kanpur in association with Ikgai Lab. The event was held in online mode on 18th February 2022.
3. Nimish Agrawal & Sayan Kar, Roll Nos: 1801113 & 1801162 (CSE)- Won the Avalanche Developer Contest 2021. It was a Global event that was held in August 2021. They also won prize money of \$1000. They also won the Polkadot Hackathon: APAC Edition (Docathon track). It was an Asia pacific event held between October to December 2021 in which they won a prize money of \$2000.

Extra-curricular Achievements

1. Ankit Kumar, Roll No: 1801021 (ECE)- Won 2nd position in the Chess Competition organized by Fit India Club, IIIT Kota. It was held in online mode on 12th June 2021.
2. Ankur Singh, Roll No: 2102004 (ECE)- Won a quiz competition held in Lucknow on 14th December 2021. He won the 3rd Prize and got a cash prize of ₹2000. He also won the consolation prize at the same event in “Mobile App Sharing Competition” in which he won a consolation cash prize of ₹2500.
3. Amitesh Kumar, Roll No: 1901023 (CSE)- Won Best beginner track prize in Pickhacks 2021 out of 500 international students participating in the hackathon. It was held remotely in April 2021. He also won MLH Most Creative Use of Twilio in DeltaHacks8, out of 500 international students participating in the hackathon. It was held remotely in January 2022.
4. Ashutosh Pandey, Roll No: 2101046 (CSE)- Won “Best Delegate” in Model United Nations Conference held in online mode from 11th to 13th March, 2022. It was held by IIT Guwahati during the Alcheringa Festival

(IITGMUN'22). He also won “High Commendation” in Model United Nations Conference held in online mode from 11th to 12th February 2022. It was held by IIIT Una.

TRAINING AND PLACEMENT

IIIT Guwahati had a successful placement session. The companies where our students got placed are: Amazon, Deloitte, ZS Associates, Tekion, Mindtickler, Gameskraft, Infoedge(Monster.com), Commvault, Avalara, Publicis Sapien, Juspay, Legato Healthcare, Samsung Research Institute – Delhi etc. The students got offers from both on-campus and off-campus selection processes. [LPA = lakhs per annum]

Placement Status B. Tech 2021-22 Batch:

Category	CSE	ECE	Overall
(1) Total student registered	105	65	170
(2) Total jobs offered	144	66	210
(3) Average salary	16.37 LPA	9.58 LPA	14.00 LPA
(4) Median salary	15.5 LPA	7.6 LPA	12.5 LPA
(5) Total students	99	51	150
(6) Highest salary	44.3 LPA	15.5 LPA	44.3 LPA
(9) Percentage placed	94.29%	78.46%	88.24%

Placement Status M. Tech 2021-22 Batch:

Category	CSE	ECE	Overall
(1) Total student registered	22	7	29
(2) Total job offered	11	0	11
(3) Average salary	9.73 LPA	-----	9.73 LPA
(4) Median salary	8.5 LPA	-----	8.5 LPA
(5) Total students selected	10	0	10
(6) Students going for higher studies	-----	-----	-----
(7) Students starting their own company	-----	-----	-----
(8) Highest salary	16.2 LPA	---	16.2 LPA
(9) Percentage placed so far	45.45%	0%	34.48%

CLOSING REMARKS

The last two years have been challenging for the Institute due to the Covid pandemic. We were able to continue our academic programmes without any disruptions, by going “online”. We kept our hostels open throughout the period from March 2020 onwards. This helped students who did not have proper Internet connections at their homes, or who did not have proper facilities to carry out their studies at home, to stay in our hostels. Fortunately, there were no major outbreak of infection. About 80-90 (about 10% of the total students) students stayed in our hostels during the pandemic. Our faculty have learnt the use of Information and Communication Technology (ICT) tools for teaching and they will use these tools to a greater extent than before, even when classes become completely physical for August 2022.

We did not receive any funds from our stakeholders in 2021-22. This has been the first year without such support. We have increased our income by increasing the number of students. But we still need more hostel seats, and we need to put in place some sports infrastructure, and space for Student Gymkhana cultural and technical activities. With the

support from the Govt. of Assam we have formulated a phase II of construction on campus where we will add all the above facilities.

I would like to thank the student community along with their guardians for supporting the Institute during these difficult times. Even though some of you had difficulty in paying your fees on time, timely payments by a large section of students helped us keep afloat. We need timely payment of fees as that is practically our only source of income. We encourage students to apply for scholarships available from most State Govts, and also Central Govt schemes. We also encourage students to take loans to pay their fees.

Graduating students: Most of you getting degrees today are either already working, or have got a job to join soon. Please do not forget what you learnt during your stay in the Institute (from both teachers, and your fellow students) and utilise it to contribute to the best of your ability to the well-being of society. Please do remember the Institute when you become successful, and do contribute financially whenever you can. I wish you all the best in your future endeavours.

Jai Hind

Gautam Barua

Director

Indian Institute of Information Technology Guwahati