

GURU NANAK INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

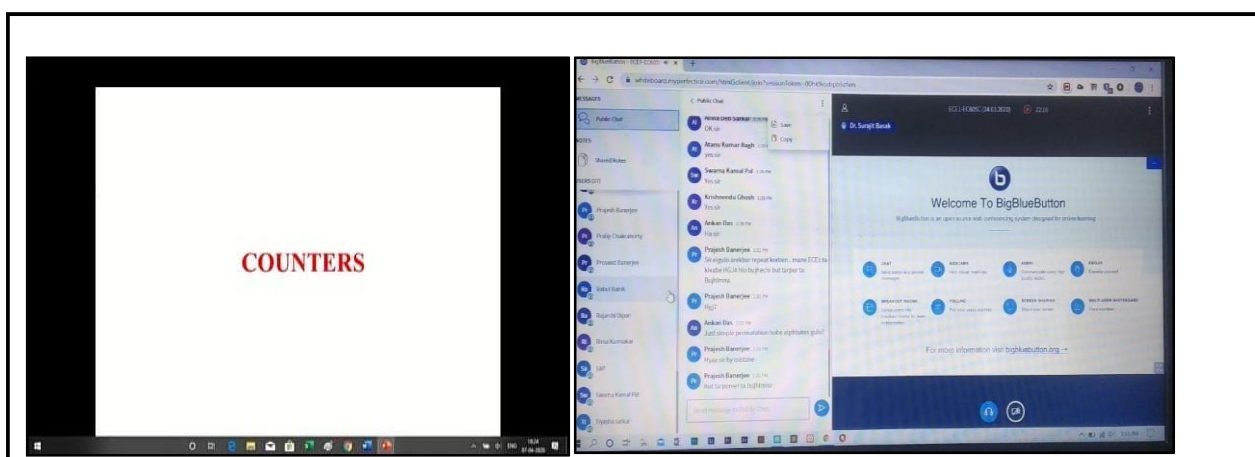
LOCKDOWN ACTIVITY

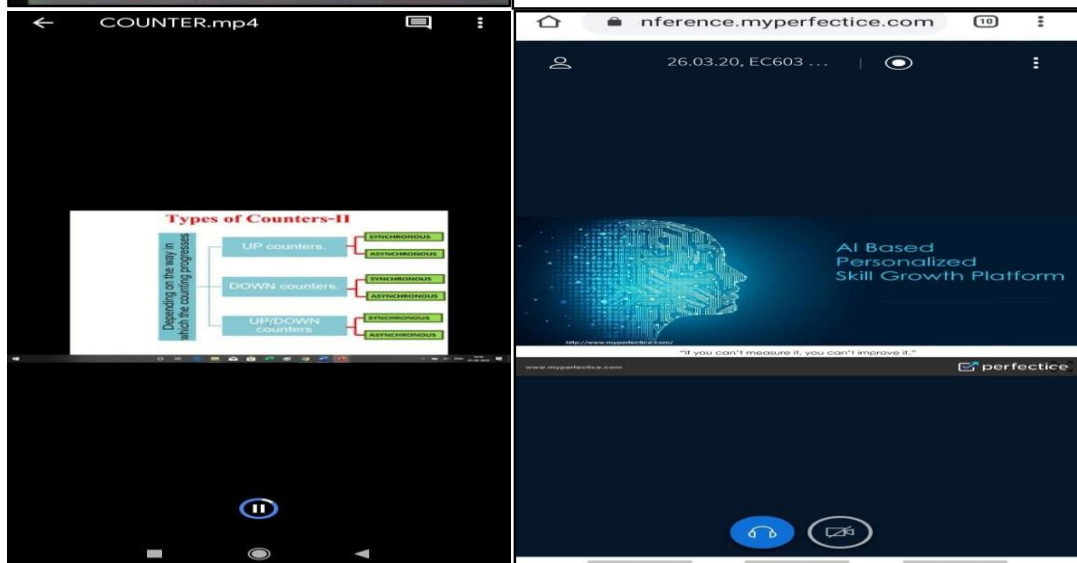
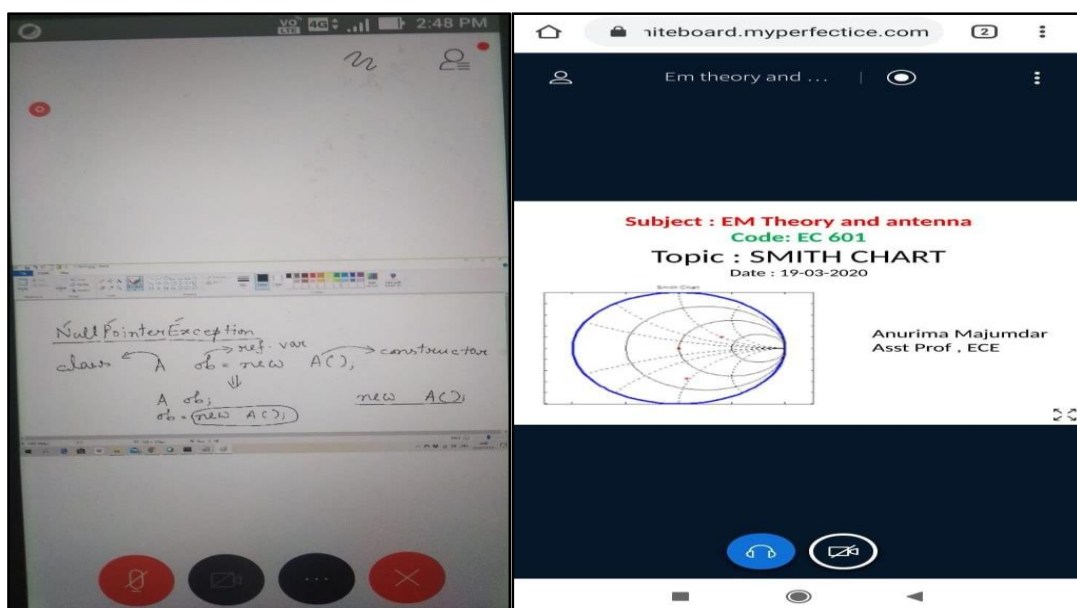
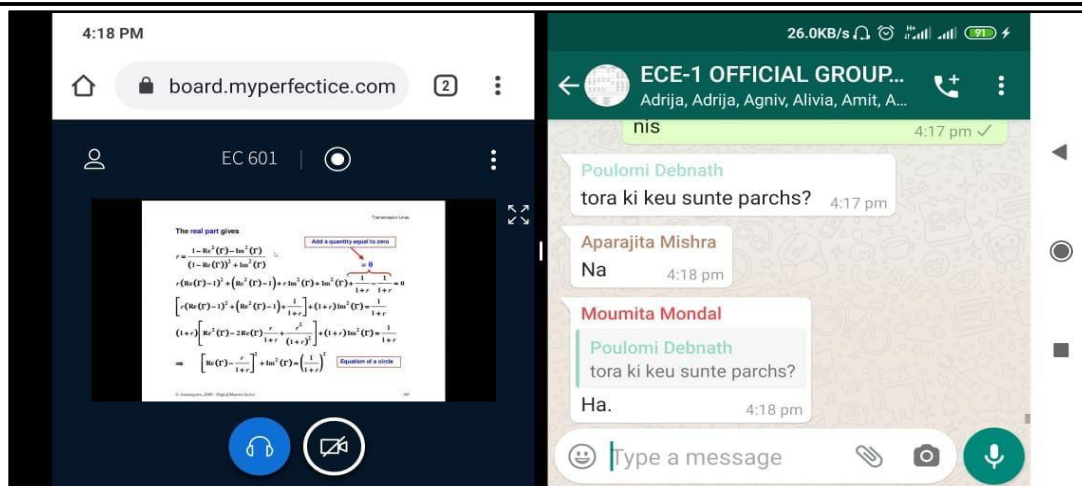


❖ Digital Classes Conducted in the Department till date by the Faculty members & JTAs

Name of the Faculty	Subject taken	Total number of lectures	Syllabus coverage
FACULTY			
Dr. Arun Kumar Mondal	EC602	45	95 %
Dr. Arun Kumar Mondal	EC801	42	92 %
Dr. Kaushik Roy	EC404	12	90%
Dr. Kaushik Roy	EC605C	12	95%
Dr. Kaushik Roy	EC802C	10	93%
Dr. Kaushik Roy	ETCE/CNII/S6	8	95%
Mrs. Swagata Bhattacharya	EC401	9	85%
Mrs. Swagata Bhattacharya	ETCE/ECE/S4	12	90%
Mrs. Swagata Bhattacharya	ETCE/ECE/S6	6	90%
Dr. Suparna Biswas	EC603(ECE1+ECE2)	29	95%
Dr. Suparna Biswas	MCE 203	8	90%
Sayan Roy Chaudhuri	EC803C(ECE1+ECE2)	30	90%
Sayan Roy Chaudhuri	MCE 204B	14	85%
Palasri Dhar	EC 403	16	90%
Palasri Dhar	EC 401	15	95%
Palasri Dhar	ETCE/PP-IV/S6	4	85 %
Dr. SurajitBasak	EC201	14	95%
Dr. SurajitBasak	EC605C	16	90%
Dr. SurajitBasak	MCE203	8	93%
Koushik Pal	EC 802C	14	90%
Koushik Pal	IT 404	15	90%
Koushik Pal	MCE 205B	12	85%
Dr Sunipa Roy	DETCE/S6/IM	12	90%
Dr Sunipa Roy	EC201	14	95%
Dr Sunipa Roy	MCE201	10	85%
Antara Ghosal	EC 404	16	85%
Antara Ghosal	EC 601	15	84%
Anurima Majumdar	EC 403	17	85%
Anurima Majumdar	EC 601	19	90%
Avali Banerjee	EC 602	15	90%
Avali Banerjee	EC 801	12	90%
Avali Banerjee	DETCE/ACE/S6	8	95%
Soma Boral	EC402	14	92%
Soma Boral	MCE202	11	91%
Soma Boral	ETCE/PP-II/S3	8	85%

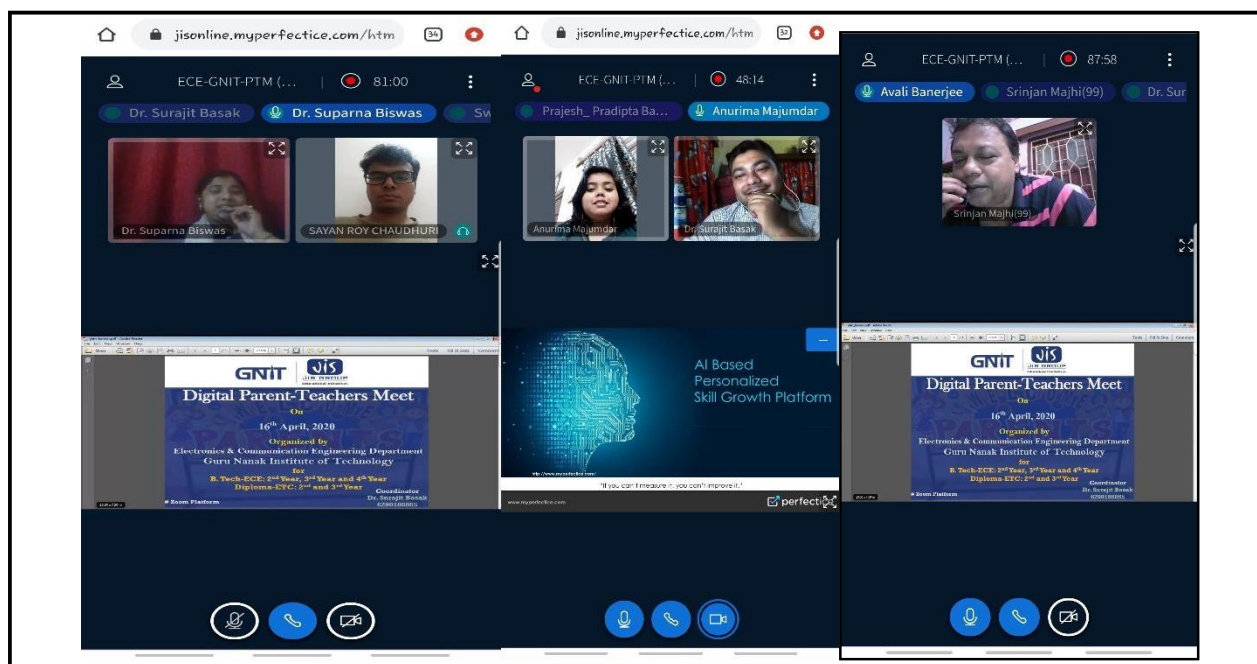
JTA			
Ramkrishna Mondal	ETCE/LECE/S4	8	90%
Ramkrishna Mondal	WORP2(DETC)	8	90%
Ramkrishna Mondal	WORP2(DEE)	12	90%
SulataPandit(JTA)	EE/S4/ADE/L (GR A+B)	4	90%
	EE493 (SECII GR A)	4	90%
	EE493 (SECI GR B)	4	90%
	EC291 (SEC II GR A)	4	90%
	EI493	1	80%
	EC291 (EIE)	3	90%
	EC291 (EE SEC I GR B)	3	90%
	IT 694 (SEC I GR A+B)	1	80%
Dyuti Nandi	EC291	11	90%
Dyuti Nandi	EC291	11	90%
Avijit Deb			90%
	EC493	12	90%
	EC492	4	90%
Dyuti Nandi	EC291(EE , ECE1, ECE2)	11	90%
Dyuti Nandi	EC492(ECE1 & ECE2)	7	80%
Amallesh Chandra Ghatak	EC 691 (ECE 1 & ECE 2)	8	95%
Amallesh Chandra Ghatak	EC 494 (ECE 1 & ECE 2)	8	95%
Amallesh Chandra Ghatak	EE 493 (EE 1 Gr A)	5	90%





❖ Digital Parent Teacher Meet

The department organized a parent teacher meet on 16th April 2020. The whole session was conducted on digital platform. Almost 100 parents from different batch participated in the meeting where they shared their experience during this challenging situation and also gave their valuable feedback on digital learning platform. Some glimpses of the meeting is given below-



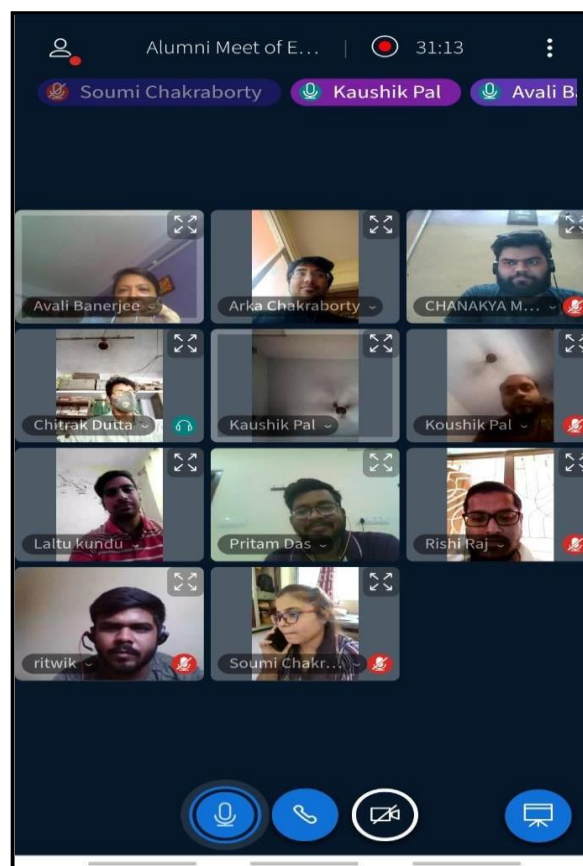
Online Alumni meet

Department of **Electronics and Communication Engineering of Guru Nanak Institute of Technology** has organized **"ONLINE ALUMNI MEET 2020"** on **17th April 2020** to facilitate and coordinate alumni activities at GNIT. The main objective of the meet was to know the situation of COVID -19 around them and their experiences.

Alumni from various batches and from all over the countries were present in this online alumni meet. They shared their views, ideas and information with all the faculty members. They appreciated the initiative taken by the **JIS Management Team, Prof. (Dr.) Santanu Kumar Sen, Principal** and **HOD Dr Sunipa Roy, Faculty Members & Technical Assistants of ECE Department** for facilitating this networking during the Lockdown Period.

The event was successful because of the overwhelming participation from all.

The glimpse of alumni meet is attached herewith.



❖ Online Test

The department conducted internal assessment tests for all the subjects from 13.4.2020 to 17.4.2020. Different Digital Learning Platforms like myPerfectice Whiteboard or google form is used for the tests and evaluation. Some snapshots are given below.



Sample Question paper

EC 601 CLASS TEST-1 - MCQ (Responses)								
File Edit View Insert Format Data Tools Add-ons Help								
Working...								
fx								
	A	B	C	D	E	F	G	H
1	Timestamp	NAME	ROLL NUMBER	DEPARTMENT-SECTION	1) A transmission line of 5	2) A lossless transmission	3) All transmission line s	4) The magnitudes of the
2	09/04/2020 20:08:13	Bikram	23	Ece	(b) 25 Ω	(a) 0	(b) R0	(b) 50 Ω
3	09/04/2020 20:10:55	Aparajita Mishra	500217021011	Ece	(c) 50 Ω	(d) None of these	(c) 3 R0/2	(b) 50 Ω
4	09/04/2020 20:11:00	Md Saif Raza Noori	500217011044	ECE-1	(b) 25 Ω	(a) 0	(b) R0	(b) 50 Ω
5	09/04/2020 20:11:01	Poulami Debnath	500217021054	ECE	(b) 25 Ω	(b) 0.02 A	(c) 3 R0/2	(a) 25 Ω
6	09/04/2020 20:13:47	DIPANJAN RANA	500217011030	ECE	(b) 25 Ω	(a) 0	(b) R0	(b) 50 Ω
7	09/04/2020 20:16:30	Mouli Chakraborty	500217021046	Electronics and communi	(b) 25 Ω	(a) 0	(b) R0	(b) 50 Ω
8	09/04/2020 20:16:33	Anwesha paul	500217021010	Electronics and telecomm	(b) 25 Ω	(a) 0	(b) R0	(a) 25 Ω
9	09/04/2020 20:16:43	Debarati Roy	500217021027	ECE	(b) 25 Ω	(c) =	(b) R0	(a) 25 Ω
10	09/04/2020 20:17:07	Bikram saha	500217011023	Ece 1	(b) 25 Ω	(a) 0	(b) R0	(b) 50 Ω
11	09/04/2020 20:17:48	Dipanjana Saha	500217021031	ECE	(b) 25 Ω	(a) 0	(b) R0	(b) 50 Ω
12	09/04/2020 20:20:40	Moumita Biswas	500217022047	ECE1	(b) 25 Ω	(a) 0	(b) R0	(b) 50 Ω
13	09/04/2020 20:21:13	Mahuya Maity	500217021040	ECE-1	(b) 25 Ω	(a) 0	(b) R0	(b) 50 Ω
14	09/04/2020 20:22:27	GOVIND KUMAR SHARMA	500217012033	Electronics and communi	(b) 25 Ω	(a) 0	(b) R0	(b) 50 Ω
15	09/04/2020 20:22:28	Debjit Saha	500217011028	ECE - 1 3rd year	(b) 25 Ω	(a) 0	(b) R0	(b) 50 Ω
16	09/04/2020 20:22:57	ANJALI KUMARI	500217024006	ECE-1	(b) 25 Ω	(a) 0	(b) R0	(b) 50 Ω
17	09/04/2020 20:23:56	Rajors Chatterjee	500217011061	ECE-1	(b) 25 Ω	(b) 0.02 A	(c) 3 R0/2	(b) 50 Ω
18	09/04/2020 20:24:08	Plaban Mal	500217011053	ECE-1	(b) 25 Ω	(a) 0	(b) R0	(b) 50 Ω
19	09/04/2020 20:24:26	Debanjana Das	500217021028	ECE-1	(b) 25 Ω	(a) 0	(b) R0	(b) 50 Ω

Sample evaluation sheet

❖ WEBINAR/SEMINAR/CONFERENCE/WORKSHOP ORGANISED

➤ International Seminar (Webinar)

- The Department of Electronics & Communication Engineering organised an **One day International Seminar on Quantum Mechanics in Electronics** on 8th April 2020. The seminar was organised totally on digital platform. The event was coordinated by Dr. Sunipa Roy, HOD, ECE and Ms. Anurima Majumdar, Asst. Prof, ECE. **Mr Rajeev Singh** who is currently working as research fellow in the Institute of Nuclear Physics, Polish Academy of Sciences, Krukow, Poland was the invited speaker for the event. Almost 150 students participated along with the faculty members and JTAs.



The image shows a Zoom webinar interface. On the left is a video feed of a man (Rajeev Singh) sitting at a desk. The top of the interface shows the time 03:12 PM, a phone number 202-149-3917, and a password 780522. On the right is a title slide with a blue background. The slide contains the following text:

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiatives) GNIT JIS GROUP Educational Initiatives


One day International Seminar on
Quantum Mechanics in Electronics
Organised by
Electronics & Communication Engineering Department
Guru Nanak Institute of Technology
Speaker
Rajeev Singh
Research Fellow, Inst. Of Nuclear Physics
Polish Academy of Sciences, Krakow, Poland
On 09-04-2020
#Digital Learning Platform
Coordinator
Anurima Majumdar
7980817816

➤ Industrial Webinar


- An online industrial webinar on **#VLSI Design Using VERILOG with VIVADO Tool** was organised by the department of Electronics & Communication Engineering in collaboration with **#CoreEL Technologies, Bangalore** on 6th April 2020.




- An one day webinar on **#Introduction to C programming** was organised by the department in collaboration with **Tech Tree Technologies** on 14th April 2020. Dr. Sunipa Roy, HOD , ECE and Ms. Soma Boral, Asst. Prof, ECE coordinated the whole event. The session was held with Diploma ETCE 2nd year and 3rd year students. **#Mr. SoumitraDas , Sr. Trainer & Developer , Tech Tree Technologies** was the speaker of the day. The session started with basic knowledge about C programming and covered the applications and relevance of such programming languages for diploma students. 64 students participated in the program. The whole session was conducted online.



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiatives)



GNIT

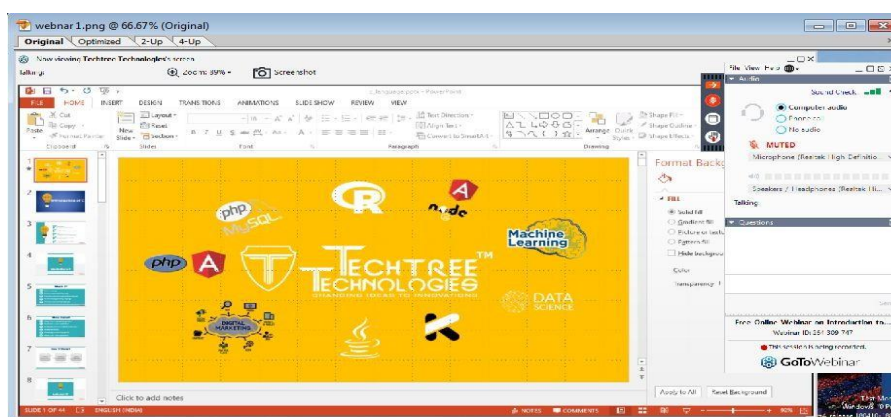


JIS GROUP
Educational Initiatives

WEBINAR
On
INTRODUCTION TO C PROGRAMMING
Organised by
Electronics & Communication Engineering Department
For
Diploma ETCE 2nd and 3rd Years' Students
Guru Nanak Institute of Technology
Each Student will get a digital certificate
Speaker
Mr. Saumitra Das
Sr. Trainer & Software Developer,
Tech Tree Technologies

On 14-04-2020
#Digital Learning Platform

Coordinator
Soma Boral
8017317629



Timestamp	Email Address	Your name	Contact Number	Department	College	Feedback
4-14-2020 12:30:30	anupgora265@gmail.com	Anup Gorai	7908543853	Electronics and telecomm	Guru Nanak Institute of Technology	Very good
4-14-2020 12:30:52	amab786ab@gmail.com	Amab Biswas	9432273788	Diploma Electronics and	Guru Nanak Institute of Technology	Good
4-14-2020 12:31:30	debarghanag153@gmail.com	c Debargha Nag	6291543491	DETCE	Guru Nanak Institute of Technology	Very good session
4-14-2020 12:32:03	soumya.mandal.1998@gmail.com	SOUMYABRATA MANDAL	7890427172	ETCE	GURU NANAK INSTITUTE OF TECHNOLOGY	VERY GOOD
4-14-2020 12:32:07	sresthabanerjee5@gmail.com	Srestha Banerjee	7044527876	Detce	Guru nanak institute of technology	Nice
4-14-2020 12:32:25	partha93372@gmail.com	PARTHA DAS	9036378018	D-ETCE	GURU NANAK INSTITUTE OF TECHNOLOGY	THE SESSION WAS SO GOOD
4-14-2020 12:33:22	sagar.moy1998@gmail.com	cc Sagarmoy Banerjee	9836287946	DIPLOMA ETCE	Gurunank Institute of Technology	Nice
4-14-2020 12:34:17	dassuchismita2017@gmail.com	Suchismita Das	9036672566	Electronics and telecomm	Gurunank Institute of Technology	It's very helpful for us...
4-14-2020 12:34:19	saptarshi296@gmail.com	Saptarshi Chakraborty	9836869199	Diploma etce	Guru Nanak Institute of Technology	Saptarshi Chakraborty
4-14-2020 12:34:19	debarghanag153@gmail.com	c Debargha Nag	6291543491	Diploma ETC	Guru Nanak Institute of Technology	Very good session
4-14-2020 12:37:09	sayananimukherjee125@gmail.com	Sayanani Mukherjee	7003395867	DETCE	GURU NANAK INSTITUTE OF TECHNOLOGY	HELPFUL SESSION
4-14-2020 12:37:13	www.kousik4@gmail.com	Kousik Mondal	6291548464	DETCE second year	Gurunank Institute of Technology	This type of webinar is very helpful. for all of the students
4-14-2020 12:37:19	ppaul1998@gmail.com	Payel paul	6291820619	Diploma ETCE	Gnit	Its outstanding
4-14-2020 12:37:31	byaborta.ritam@gmail.com	Ritam Byaborta	7595993053	ETCE	Guru Nanak Institute of Technology	Helpful
4-14-2020 12:40:52	snehasishbera20001@gmail.com	Snehasish Bera	9163187167	Detce second year	Gurunank Institute of Technology	This is a very good digital platform for digital education
4-14-2020 12:42:52	anupgora265@gmail.com	Anup Gorai	7908543853	Diploma Electronics and	Guru Nanak Institute of Technology	Very good
4-14-2020 12:43:08	sukhenduguan@gmail.com	SUKHENDU AGUAN	8697788210	DETCE	Guru Nanak Institute of Technology	Very good session
4-14-2020 12:43:51	suryasekharbasak1@gmail.com	SURYA SEKHAR BASAK	6290586050	DIPLOMA ETCE	GURUNANAK INSTITUTE OF TECHNOLOGY	IT IS VERY HELPFUL FOR US
4-14-2020 12:45:15	susmitamondal945@gmail.com	Susmita Mondal	6290801679	DIPLOMA-ETCE	GURU NANAK INSTITUTE OF TECHNOLOGY	This course is very helpful.
4-14-2020 12:45:22	antradas802@gmail.com	Antra Das	7059129084	Diploma ETCE	Guru Nanak Institute of Technology	Good
4-14-2020 12:45:22	antradas802@gmail.com	Antra Das	7003501452	Diploma ETCE	Guru Nanak Institute of Technology	The session was helpful
4-14-2020 12:55:49	sidd.chak96@gmail.com	Siddhartha Shankar chak	9748408204	dip etce	guru nanak institute of technology	very knowledgeable class
4-14-2020 12:59:27	ankitamajumder400@gmail.com	Ankita majumder	8336831156	Etce	Guru Nanak institute of technology	This is helpful for us

➤ Webinar

- The **#IE(I)student chapter** under the department of **#Electronics & Communication Engineering** has organised an one day webinar on **#Machine Learning using PYTHON** in Collaboration with **#UNANIMITY ACADEMY** on **28-03-2020**. Mr. Kaustav Chatterjee, Technical director and Mr. Himalay Mondal were the invited speakers in the event. The fundamental concepts of machine learning and applications of Python programming Language in Machine learning was discussed through **#MYPERFECTICE Whiteboard**. almost 120 enthusiastic students participated in the program along with 12 faculty members and JTAs. The student response was satisfactory and they were interested for further such programs.



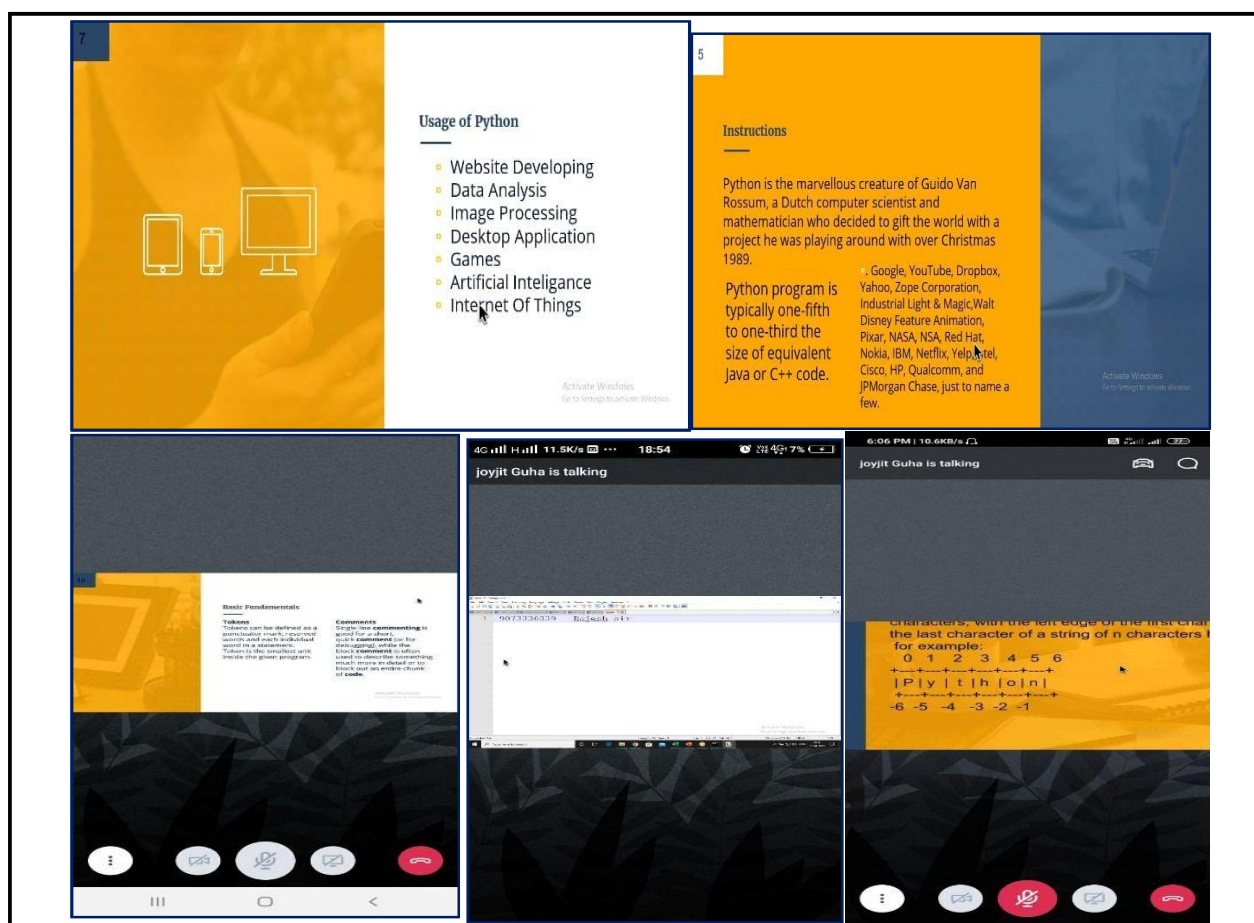
- #The student Chapter of IE(I) under ECE Department of Guru Nanak Institute of Technology** has organised a **webinar on PYTHON PROGRAMMING** on 1st April , 2020 and it was coordinated by Dr. Sunipa Roy , HOD, ECE department and Ms.Anurima Majumdar Assistant Prof. ECE Department. The speaker for the session was **#Mr. MAHENDRA DATTA, Senior Project Manager, Ardent Computech Pvt. Ltd., India** . Mr.Datta illustrated the basics of PYTHON Programming in a very illustrative way. The relevance and applications of such advanced programming languages in Electronics and Communication Engineering field is discussed in the session. Almost 98 students participated in the program through digital platform. The event ended with a Q & A session with the students.



- ECE Department of Guru Nanak Institute of Technology has organised a webinar on **#Networking with CISCO tool#** on 17th April, 2020 and it was coordinated by Dr. Sunipa Roy , HOD, ECE department , Dr. Kaushik Roy Assistant Prof. ECE Department . The speaker for the session was **# Mr.Safikul Mallick , Senior Project Manager, Ardent Computech Pvt. Ltd., India** . Mr. Safikul Mallick illustrated the application of Computer network in a very edifying and conjoint way. The session was started with basics of networking and gradually moved towards CISCO tool use in Computer networking. The relevance and applications of such tool in Electronics and Communication Engineering field is discussed by Mr. Mallick .In the student interaction session, he addressed almost all the doubts to the participants. Almost 70 students participated in the program.




Glimpses of the webinars that were held during the COVID -19 Lockdown



- An one day webinar on **#Artificial Intelligence** has been organised by the department on 18-04-2020 in collaboration with **#Webskitters technology Solutions Pvt. Ltd.** Dr. Sunipa Roy, HOD , ECE and Ms. Antara Ghosal, Asst. Prof, ECE coordinated the whole event. The session was held with ECE 3rd year students. **#Mr. Indranil Das , Sr. Trainer & Developer , Webskitters Technology Solutions Pvt Ltd** was the speaker of the day. The session started with basic knowledge about Python and covered the applications and relevance of such programming languages in Artificial Intelligence. 94 students participated in the program. The whole session was conducted online.





Webinar on
ARTIFICIAL INTELLIGENCE
Organised by
Electronics & Communication Engineering Department
Guru Nanak Institute of Technology
In association with
Webskitters Technology Solutions Pvt. Ltd.



Speaker
Mr. Indranil Das

Coordinator
Antara Ghosal
9474569456

On 18-04-2020
 # Skype

- ❖ The department organised a **One Day webinar on Embedded System & Robotics** in collaboration with **#Unanimity Academy**. Mr. Tamojit Saha from Unanimity was the invited speaker. The basics of embedded system and their application in elementary robotics were discussed. Dr. Sunipa Roy, HOD, ECE and Ms. Swagata Bhattacharya, Asst. Prof, ECE coordinated the whole event. Almost 100 students participated in the program.




WEBINAR on
EMBEDDED SYSTEM & ROBOTICS
Organised by
Electronics & Communication Engineering Department
Guru Nanak Institute of Technology
In Collaboration With
UNANIMITY ACADEMY
SPEAKER:
TAMOJIT SAHA

ON: 24.04.2020 (3 pm)
 Go TO MEETING PLATFORM

Coordinator : Swagata Bhattacharya,
 ECE Dept, GNIT

STUDENT SEMINAR & FLIP LEARNING

- ❖ The department has organised an online seminar series by students based on flip learning. All the subject teachers have selected students from their class who are giving seminar on the different topics of the subject. Each week one to two seminars are held by the students. The event started from 25th April 2020. The whole event is initiated & coordinated by Dr. Sunipa Roy, HOD, ECE.

❖ WEBINAR/SEMINAR/CONFERENCE/WORKSHOP PARTICIPATED

Webinar/Seminar / Conference/Cultural event/FDP etc. participation					
Name of the Faculty	Event	Topic	Date	Venue	Organised by
Dr. Kaushik Roy	Attended webinar on COVID-19	Awareness on COVID 19	20.03.2020	GNIT	GNIT
Dr. Kaushik Roy	Attended Digital night	cultural event	11.04.2020	Myperfectice platform	GNIT
Dr. Kaushik Roy	Attended FDP on Pedagogical Initiatives on Digital Platform	Digital Learning	15-04-2020	Zoom	ECE Dept.,GNIT
Dr. Kaushik Roy	Attended webinar on Python	Python Programming	01.04.2020	Myperfectice platform	ECE Dept.,GNIT
Mrs. Swagata Bhattacharya	attended Webinar on VLSI Design using Vivado	VLSI Design using Vivado	06.04.2020	Myperfectice platform	ECE Dept.,GNIT
Mrs. Swagata Bhattacharya	attended Webinar on Quantum Mechanics	Quantum mechanics	09.04.2020	zoom digital platform	ECE Dept.,GNIT
Mrs. Swagata Bhattacharya	Attended FDP on Pedagogical Initiatives on Digital Platform	Digital Learning	15-04-2020	Zoom	ECE Dept.,GNIT
Dr. Suparna Biswas	Attended Digital night	cultural event	04.04.20	GNIT	GNIT
Dr. Suparna Biswas	Attended FDP on Pedagogical Initiatives on	Digital Learning	15-04-2020	Zoom	ECE Dept.,GNIT

	Digital Platform				
Dr. Suparna Biswas	Attended webinar on Python	Python Programming	01.04.20	Myperfectice platform	ECE Dept. GNIT
Sayan Roy Chaudhuri	Attended Digital Night	cultural event	04.04.20	Myperfectice platform	GNIT
Sayan Roy Chaudhuri	Attended FDP on Pedagogical Initiatives on Digital Platform	Digital Learning	15-04-2020	Zoom	ECE Dept.,GNIT
Sayan Roy Chaudhuri	Attended Webinar on Python	Python Programming	01.04.20	Myperfectice platform	ECE Dept. GNIT
Palasri Dhar	Attended Webinar	VLSI Design using Vivado	6.4.2020	zoom digital platform	CoreEL technology
Palasri Dhar	Attended the international seminar	Quantum mechanics	09.04.2020	zoom digital platform	ECE Dept. GNIT
Palasri Dhar	Attended the webinar	Python Programming	01.04.2020	GoToMeeting Digital platform	ECE Dept. GNIT in collaboration with Ardent tech Labs
Palasri Dhar	Attended the Webinar	Machine Learning using PYTHON	28.03.2020	zoom digital platform	organized by ECE department
Palasri Dhar	Attended Digital night	cultural event	04.04.2020 and 11.04.2020	Myperfectice platform	GNIT
Palasri Dhar	Attended FDP on Pedagogical Initiatives on Digital Platform	Digital Learning	15-04-2020	Zoom	ECE Dept.,GNIT
Palasri Dhar	Attended the International Webinar	Role of Educators during COVID-19	13.04.2020	zoom digital platform	organized by JiIS college of engineering
Palasri Dhar	Attended the webinar	Introduction to C Programming	14.04.2020	GotoWebinar Digital Platform	organized by ECE department
Dr. SurajitBask	Attended Digital night	cultural event	04.04.2020 and 11.04.2020	Myperfectice platform	GNIT
Dr. SurajitBask	Attended webinar on Python	Python Programming	01.04.2020	Go ToMeeting	ECE Dept. GNIT
Dr. SurajitBask	Attended FDP on Pedagogical Initiatives on Digital Platform	Digital Learning	15-04-2020	Zoom	ECE Dept.,GNIT
Dr. SurajitBask	Attended international webinar on Quantum	Quantum Mechanics in Electronics	09.04.2020	Zoom platform	ECE Dept. GNIT

	mechanics				
Koushik Pal	Attended Digital night	cultural event	04.04.2020 and 11.04.2020	Myperfectice platform	GNIT
Koushik Pal	Attended webinar on Python	Python Programming	01.04.2020	Zoom platform	ECE Dept. GNIT
Koushik Pal	Attended FDP on Pedagogical Initiatives on Digital Platform	Digital Learning	15-04-2020	Zoom	ECE Dept.,GNIT
Koushik Pal	Attended international webinar on Quantum mechanics	Quantum Mechanics in Electronics	09.04.2020	Zoom platform	ECE Dept. GNIT
Dr Sunipa Roy	1.Attended Webniar on VLSI Design using Vivado	VLSI Design using Vivado	6.4.2020	Zoom platform	ECE Dept. GNIT
Dr Sunipa Roy	2.Attended Webniar on ERP in modern IT Induatry at JISCE	ERP in modern IT Induatry	7.4.2020	Zoom platform	ECE Dept. GNIT
Dr Sunipa Roy	Attended FDP on Pedagogical Initiatives on Digital Platform	Digital Learning	15-04-2020	Zoom	ECE Dept.,GNIT
Dr Sunipa Roy	Judge at COVID19 Innovation challenge at JISCE	Judge	10.04.2020-11.04.2020	Zoom platform	ECE Dept. GNIT
Dr Sunipa Roy	3.Attended InternatinalWebniar	Role of the Educators during COVID19 at JISCE	13.4.2020	Zoom platform	ECE Dept. GNIT
Dr Sunipa Roy	4. attended InternatinalWebniar ..	"Graphene Supply chain technical business challenges during COVID19" arranged by Graphene council, Speaker James Baker, Univ of Manchester	14.4.2020	Zoom platform	ECE Dept. GNIT

Dr Sunipa Roy	5. Attended InternatinalWebni ar	Graphene enhanced thermal manageme nt solution" by Terrance Barkan	16.4.2020	Zoom platform	ECE Dept. GNIT
Dr Sunipa Roy	6.Attended Leadership Talk series by Different Experts from Institution Innovation Council, MHRD, GOI	IIC Cell GNIT	07.4.2020, 09.04.2020,11.04.2020,13.04.2020, 15.04.2020	Twitter MHRD	ECE Dept. GNIT
Dr Sunipa Roy	7.attended InternatinalWebni ar	Leadership in times of uncertainty and anxiety by Prof. Christopher Abraham	16.04.2020	Zoom platform	ECE Dept. GNIT
Antara Ghosal	Attended the webinar titled " Python Programming "	Python Programmi ng	01.04.2020	GoToMeeting Digital platform	ECE Dept. GNIT in collaboration with Ardent tech Labs
Antara Ghosal	Attended the Webinar on Machine Learning using PYTHON	Machine Learning	28.03.2020	zoom digital platform	organized by ECE department
Antara Ghosal	Attended Digital night	cultural event	04.04.2020 and 11.04.2020	Myperfectice platform	GNIT
Antara Ghosal	Attended FDP on Pedagogical Initiatives on Digital Platform	Digital Learning	15-04-2020	Zoom	ECE Dept.,GNIT
Antara Ghosal	attended Webinar on VLSI Design using Vivado		6.4.2020	zoom digital platform	CoreEL technology
Antara Ghosal	Attended the international webinar on Quantum mechanics	Quantun Mechanics in Electronics	09.04.2020	zoom digital platform	ECE Dept. GNIT
Soma Boral	Attended the webinar titled " Python Programming "	Python Programmi ng	01.04.2020	GoToMeeting Digital platform	ECE Dept. GNIT in collaboration with Ardent tech Labs
Soma Boral	Attended the Webinar on Machine Learning using PYTHON	Machine Learning	28.03.2020	zoom digital platform	organized by ECE department
Soma Boral	Attended the webinar	Introduction to C Programmi ng	14.04.2020	GotoWebinar Digital Platform	organized by ECE department

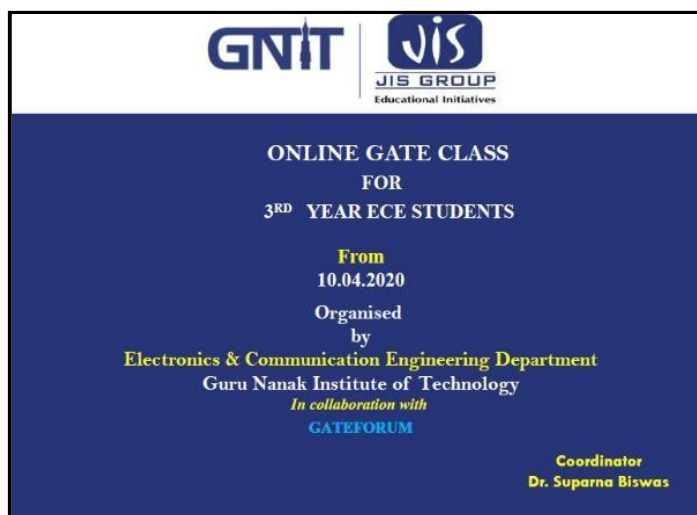
Soma Boral	Attended Digital night	cultural event	04.04.2020 and 11.04.2020	Myperfectice platform	GNIT
Soma Boral	Attended FDP on Pedagogical Initiatives on Digital Platform	Digital Learning	15-04-2020	Zoom	ECE Dept.,GNIT
Soma Boral	Attended the international webinar	Quantun Mechanics in Electronics	09.04.2020	zoom digital platform	ECE Dept. GNIT
Avali Banerjee	Attended the webinar	Python Programmi ng	01.04.2020	GoToMeeting Digital platform	ECE Dept. GNIT in collaboration with Ardent tech Labs
	Attended the Webinar	Machine Learning using PYTHON	28.03.2020	zoom digital platform	organized by ECE department
	Attended the international webinar	Quantum mechanics	09.04.2020	zoom digital platform	ECE Dept. GNIT
	Attended the webinar	Introduction to C Programmi ng	14.04.2020	GotoWebinar Digital Platform	organized by ECE department
	Attended Webinar in	VLSI Design using Vivado	6.4.2020	zoom digital platform	CoreEL technology
	Attended Digital night		04.04.2020 and 11.04.2020	Myperfectice platform	GNIT
	Attended webinar on COVID-19		20.03.2020	YouTube live	GNIT
Anurima Majumdar	One day webinar on Python Programming	Python Programmi ng	01.04.2020	Myperfectice platform	ECE Dept. GNIT in collaboration with Ardent tech Labs
	One day webinar on machine learning with Python Programming	Machine Learning	28.03.2020	Myperfectice platform	ECE Dept. GNIT in collaboration with Unanimity Acedemy
	Attended webinar on COVID-19	Fight against COVID 19	20.03.2020	YouTube live	GNIT
	One day International seminar on Quantum Mechanincs in Electronics	Quantum Mechanincs	09.04.2020	zoom digital platform	ECE Dept. GNIT

	performed at GNIT Digital Cultural night	Singing	04-04-2020	Myperfectice platform	GNIT
	Attended the webinar	Introduction to C Programming	14.04.2020	GotoWebinar Digital Platform	organized by ECE department
	Attended Webinar in	VLSI Design using Vivado	6.4.2020	zoom digital platform	CoreEL technology
	Attended FDP on Pedagogical Initiatives on Digital Platform	Digital Learning	15-04-2020	Zoom	ECE Dept.,GNIT
Ramkrishna Mondal	Attended Digital Cultural Night		04.04.2020	My perfectice	GNIT
Ramkrishna Mondal	Attended Digital Cultural Night		11.04.2020	My perfectice	GNIT
SulataPandit(JTA)	Attended the Webinar on Machine Learning using PYTHON	Machine Learning using PYTHON	28.03.2020	zoom digital platform	organized by ECE department
	Attended the webinar	Introduction to C Programming	14.04.2020	GotoWebinar Digital Platform	organized by ECE department
	Attended the webinar	Role of the Educators during COVID19 at JISCE	13.04.2020	Zoom platform	JISCE
	Attended Digital night		04.04.2020	Myperfectice platform	GNIT
	Attended Digital night		11.04.2020	Myperfectice platform	GNIT
	Attended the international webinar	Quantum mechanics	09.04.2020	zoom digital platform	ECE Dept. GNIT

	Attended the webinar	Python Programming	01.04.2020	GoToMeeting Digital platform	ECE Dept. GNIT in collaboration with Ardent tech Labs
Avijit Deb	Attended Digital night		04.04.2020 & 11.04.2020	Myperfectice platform	GNIT
Dyuti Nandi	Attended the international webinar	Quantum mechanics	09.04.2020	zoom digital platform	ECE Dept. GNIT
Dyuti Nandi	Attended the Webinar	Machine Learning using PYTHON	28.03.2020	zoom digital platform	ECE Dept. GNIT
Dyuti Nandi	Perform at Digital cultural night	Song	04.04.2020	Myperfectice platform	GNIT
Dyuti Nandi	Attended Digital night		11.04.2020	Myperfectice platform	GNIT
Dyuti Nandi	Attended the webinar	Introduction to C Programming	14.04.2020	GotoWebinar Digital Platform	Organized by Tech tree technology
Dyuti Nandi	Attended the webinar	Python Programming	01.04.2020	GoToMeeting Digital platform	ECE Dept. GNIT in collaboration with Ardent tech Labs
Amalesh Chandra Ghatak	Attended international webinar on Quantum mechanics	Quantum mechanics	09.04.2020	Zoom platform	ECE Dept. GNIT
Amalesh Chandra Ghatak	Attended Digital Cultural night		04.04.2020 and 11.04.2020	Myperfectice platform	GNIT

❖ ONLINE GATE CLASSES

The department has organised online **#GATE** preparatory classes from the mid of April 2020 . The initiative is taken in collaboration with **#GATEFORUM** and coordinated by Dr. Sunipa Roy , HOD , ECE and Dr. Suparna Biswas , Asst. Prof , ECE. The names and roll number is given below -



1. AGNIV SEN 2	32. DIVYA KUMARI 32
2. ANJALI KUMARI 6	33. WRIJU BANERJEE -119
3. ANKAN DAS 7	34. SOURAV BASAK -93
4. ANUPAM ROY 9	35. SUBHADIP KAMILA -100
5. ANWESHA PAUL 10	36. SANTANU SAHA -73
6. ATANU KUMAR BAGH 19	37. TEJPAL SINGH -121
7. AYON MAJI 21	38. TORSIA MUKHERJEE -116
8. BIKRAM SAHA 23	39. ROUNAK GHOSH 65
9. BISWAJIT DHALI 24	40. TATHAGATA BHATTACHARYY A-123
10. DEBANJANA DAS 26	41. SUBHRAJYOTI SADHU -105
11. DEBARATI ROY 27	42. SUVASISH PAUL -111
12. DIBYENDU PAUL 29	43. SOUVIK DAS -96
13. GOVIND KUMAR SHARMA 33	44. SOUMYADEEP SETT 90

14. INDRANIL DEY SARKAR 35	45. SANGEETA RANA -72
15. KRISHNENDU GHOSH 37	46. SOUMYADIP MONDAL - 91
16. KUSHAL GHOSH 38	47. SUBHOJYOTI SAHA -103
17. MAHUYA MAITY 40	48. SOUMYADEEP ROYCHOUDHURY -88
18. MAINAK KARMAKAR 41	49. SRINJAN MAJHI -99
19. MANJUSH KHANRA 43	50. SUDIPTA DAS -106
20. MD. SAIF RAZA NOORI 44	51. SUBHRAJYOTI MITRA -104
21. MOULITA CHAKRABORTY 46	52. SAIKAT DEY -68
22. NISHANT KUMAR MODI 50	53. SOURADEEP KUNDU -92
23. PARAMITA GHANTA 52	54. SHARMILEE GHOSH - 76
24. POULAMI DEBNATH 54	55. SAMAYITA CHAKRABORTY -70
25. PRAGATI INDU 55	56. TANIYA MITRA - 115
26. PRAJESH BANERJEE 56	57. SUBHAJIT DAS -101
27. RAJORSI CHATTERJEE 61	58. SB AMREEN SABA -67
28. RIMA KARMAKAR 62	59. SASWATA SUNDAR MAITY - 74
29. SAIKAT ROY 63	60. RITOBINA SINHA -63
30. SHWETA ROY 135	61. SAMARJIT KUNDU - 69
31. SUCHANDRA ROY 138	62. SOURAV MONDAL -

❖ Online Poster making Competition

To raise the awareness, the students of **Electronics and Communication Engineering Department** organized an online poster making competition on digital platform. The theme of the event is “**Transmissible Disease**”. Many from schools and other colleges participated in the event. The Submission for the entries started from **22nd April** and the **Deadline** is **29th April, 12:00 PM**.

Submission process is still going on. The links are given below

Website: bit.ly/DigitalPosterMaking

Registration-link: https://docs.google.com/forms/d/1u1FSKiVCw-R2HnH7NTTYyZiR8Ui65H6Yvux2_usdg/

❖ Media Publicity

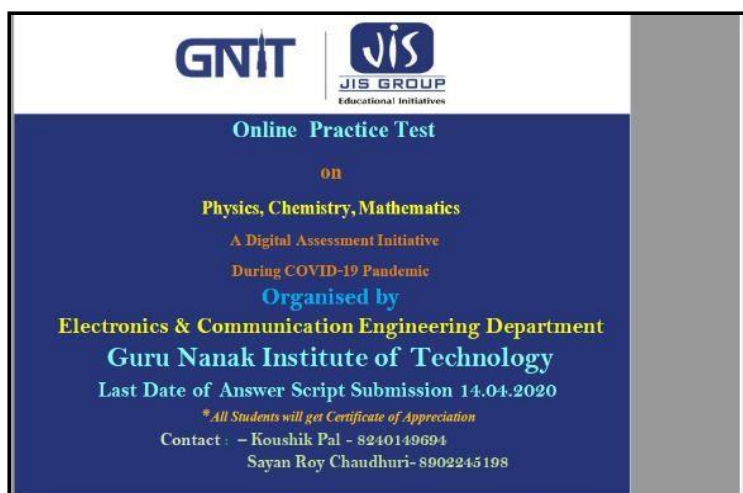
- ❖ The department published student feedback on different social media
- ❖ The department published parent feedback on different social media



Glimpses of student feedback and Parent Feedback

- ❖ The department organised an online PCM (Physics Chemistry Mathematics) test for HS and Joint aspiring students and distributed the forms on different social medias. The response is still ongoing.

- ❖ Two faculty members from the department is working as media co ordinator.



❖ RESEARCH PUBLICATION DURING LOCKDOWN

Faculty Author	Journal/Conference details	Student Author	Title	Date
Sunipa Roy	Prayash 2020 IET UK	students: Ayantika Goswami, Hlya Mondal, MonojitMondol	ThermoElectroMechanical Analysis of Low Cost Microheater using INVAR ALLOY	July 2020
Sunipa Roy	International Journal of Electronics (T&F) (SCOPUS Indexed)	Personal	Development of Formaldehyde Sensor to Defeat Sick Building Syndrome	April 2020 (communicated)
Sunipa Roy	IEEE INDIA COVID MOVE - ONLINE HACKATHON CHALLENGE	Personal	Self sterilized mask Developemnet for health care workforce well being	April 2020
Anurima Majumdar	Prayash 2020 IET UK	AyonMaji ,Atanu Kumar Bagh , Ankan Das	Padmini - An intelligent women safety device	July 2020 ;

❖ STUDENT INTERNSHIP

Many students have registered for internship -training under different company and Internshala

NAME	EMAIL ID.	FIELD	Company
AVIRUP MONDAL	mondalavirup2015@gmail.com	web development(training)	Internshala
ATANU CHOWDHURY	atanuc73@gmail.com	Machine learning, Deep learning, Data Science	Internshala
Atanu Kumar Bagh	atanubagh99@gmail.com	Intershala Student Partner(ISP-17)in GNIT, Web Development	Internshala
Agniv Sen	agnivvampirehunter@gmail.com	programming	Internshala
Madhurima Mallick	mmallick6068@gmail.com	Web Development, Core Java	Internshala
Arijit Malakar	arijitmalakar.007@gmail.com	programming.	Internshala
Moumita Biswas	biswas1122@gmail.com	web development	Internshala
MD SAIF RAZA NOORI	rzashaef786@gmail.com	Programming	Internshala
Shweta Roy	royshweta1234@gmail.com	software development and programing	Internshala
Moulitachakraborty	chakrabortymoulita9438@gmail.com	web development	Internshala
Suchandra Roy	muskanroy1999@gmail.com	software development & programing	Internshala
NISHANT KUMAR MODI	nishantkumarmodi1902@gmail.com	web development, programming	Internshala
Alivia Deb Sarkar	aliviasarkar3@gmail.com	Web development & programming	Internshala
Anup kumar Jha	anupkumarjha8398@gmail.com	Data Science, Machine Learning	Internshala
Govind Kumar Sharma	govindkumarg2018@gmail.com	programming ,web development	Internshala
Ayush Agarwal	ayushagarwal552@gmail.com	Web development & programming	Internshala
Krishnendu Ghosh	ghoshkin125@gmail.com	Web development	Internshala
Amit Kumar Mahato	kmramit56@gmail.com	Web development, Digital/Social Media Marketing	Internshala
Rahul Banik	r2banik@gmail.com	Web Development, Digital Marketing	Internshala
Arijit kundu	siliguridurgapuja19@gmail.com	Web development	Internshala
Anwesha Paul	anweshapaul33@gmail.com	Web development	Internshala
Tiyashasarkar	tiyashasarkar.gnit@gmail.com	web development	Internshala
Ananya Biswas	biswasananya@gmail.com	Programing	Internshala

Pratip Chakraborty	chakraborty2k17@gmail.com	Mobile app development	Internshala
Kushal Ghosh	gkushalg01@gmail.com	Programming	Internshala
Bikram saha	bikramsaha43@gmail.com	Digital marketing,data science	Internshala
Indranil Dey Sarkar	indranil2998@gmail.com	Electronics engineering , web development	Internshala
Divya Kumari	divyakumaripat@gmail.com	Programming, Web development	Internshala
Ayon Maji	ayon.maji38@gmail.com	Web Development, Digital/Social media Marketing, Graphic Designer	Internshala
RajarshiDipan	rajarshidipan.67@gmail.com	Programming and Digital marketing	Internshala
Prajesh Banerjee	prajeshbanerji009@gmail.com	Digital marketing and programming	Internshala
MANJUSH KHANRA	manjushplanet1999@gmail.com	Digital marketing & Programming	Internshala
Biswajit Dhali.	dhalibiswajit01@gmail.com	web development.	Internshala
Debarati Roy	debarati.roy9062@gmail.com	Web Development	Internshala
Paramita Ghanta	ghantaparamita@gmail.com	programming and Web Development	Internshala
Rajorsi Chatterjee	rajorsi.18@gmail.com	Programming	Internshala
Poulami Debnath	poulamidebnath3@gmail.com	Web Development	Internshala
Pallabi Ghosh	gpallabi007@gmail.com	web development	Internshala
Dipanjana Saha	nicedipa98@gmail.com	programming and web developement	Internshala
Arijit Bhukta	arijit99ab@gmail.com	Data Science,Machine Learning	Internshala
DIPANJAN RANA	dipanajanrana@gmail.com	Programming	Internshala
Rima Karmakar	raikarmakar1999@gmail.com	web development and Electronics engineering	Internshala
Proseed Banerjee	proseedbanerjee@gmail.com	electronics engineering	Internshala
Chirantan De	chirantande10011999@gmail.com	Web Development	Internshala
Anjali Kumari	anjalisaw456@gmail.com	java development, web development	Internshala
Debanjana Das	dasdebanjana7@gmail.com	python	Internshala
Aparajita Mishra	aparajitadcc@gmail.com	web development	Internshala
MahuyaMaity	mahumaity86@gmail.com	mobile app development ,pythondevelopment	Internshala
Adrijakundu	adrijaspriha.16@gmail.com	machine learning	Internshala
Dibyendupaul	dibyendu.paul022000@gmail.com	web development,digital marketing	Internshala
Debyeetsaha	saha.deb45618@gmail.com	electronics engineering(hardware)	Internshala
Swarna kamal pal	swarnakamalpal335@gmail.com	electronics enginneering	Internshala
pragatiindu	pragatiindu@gmail.com	programming, electronics engineering,webdevelopment	Internshala
Adrijasengupta	adrijasengupta55@gmail.com	web development	Internshala
Joy das	dasjoy498@gmail.com	electronics and robotics	Internshala

MainakKarmakar	mainakkarmakar054@gmail.com	Digital marketing & Programming	Internshala
Astik Mukherjee	astikmukherjee14@gmail.com	web development,programming	Internshala
Saikatroy	roy783520@gmail.com	electronics engineering,webdevelopment	Internshala
Arindam roy	arghodey1111999@gmail.com	machine learning, data science	Internshala
Moumitamondal	mou96paprimondal@gmail.com	mobile app development	Internshala
Manab Sarkar	manabsarkar81@gmail.com	mobile app development	Internshala
SubhayanMoitra		web development,	ISP Captain

❖ FACULTY DEVELOPMENT PROGRAM

The department organised an FDP on Pedagogical Initiatives on Digital Learning Platform on 15th April 2020 . All the faculty members and JTAs participated in the event.

❖ HACKATHON / COVID MOVEMENT PARTICIPATION BY STUDENTS

- SayanMondal ,Sayan Majumder , Uddipan Chow dhury , Sayan Bhattacharya participated in MHRD Samadhan 2020. The topic is “Thermal Scanning & GPS Tracking System”.
- Ms. Anurima Majumdar, Asst. Pro f , ECE , GNIT and Sayan Mondal,student , ECE , GNIT participated in IEEE India COVID MOVE Online Hackathon Challenge - Edition 1. Theyhave also participated in Edition 2 of the program.
- Mrinmoy Kar secured 1st position in E-RRADICATE 2020 - COVID-19 on 10th and 11th April 2020 organised by GNIT T & P Cell
- Shobhondeb Paul secured 8thposition in E-RRADICATE 2020 - COVID-19 on 10th and 11th April 2020organised by GNIT T & P Cell
- Winners of **Mastermind Challenge** held on **11.04.2020 (Saturday)**
1. MANAB SARKAR 2. KUSHAL GHOSH 3. SENJUTI MAZUMDAR
- Participants in **#5G Smart India Hackathon** organised by Dept. Of Telecomm ,GOI
Total 3 Groups
1.Group I:
Students :Ayon Maji , Dibyendu Paul , Atanu Kumar Bagh , Ankan Das
Project Name : Advanced Multimedia Wor king Process using 5G Connection

2. Group 2:

Students :Sourjyadip Sarkar , SoumenBej , Sourav Paul , Soumyajit Goswami , Sayak Paul

Project Name : Smart City

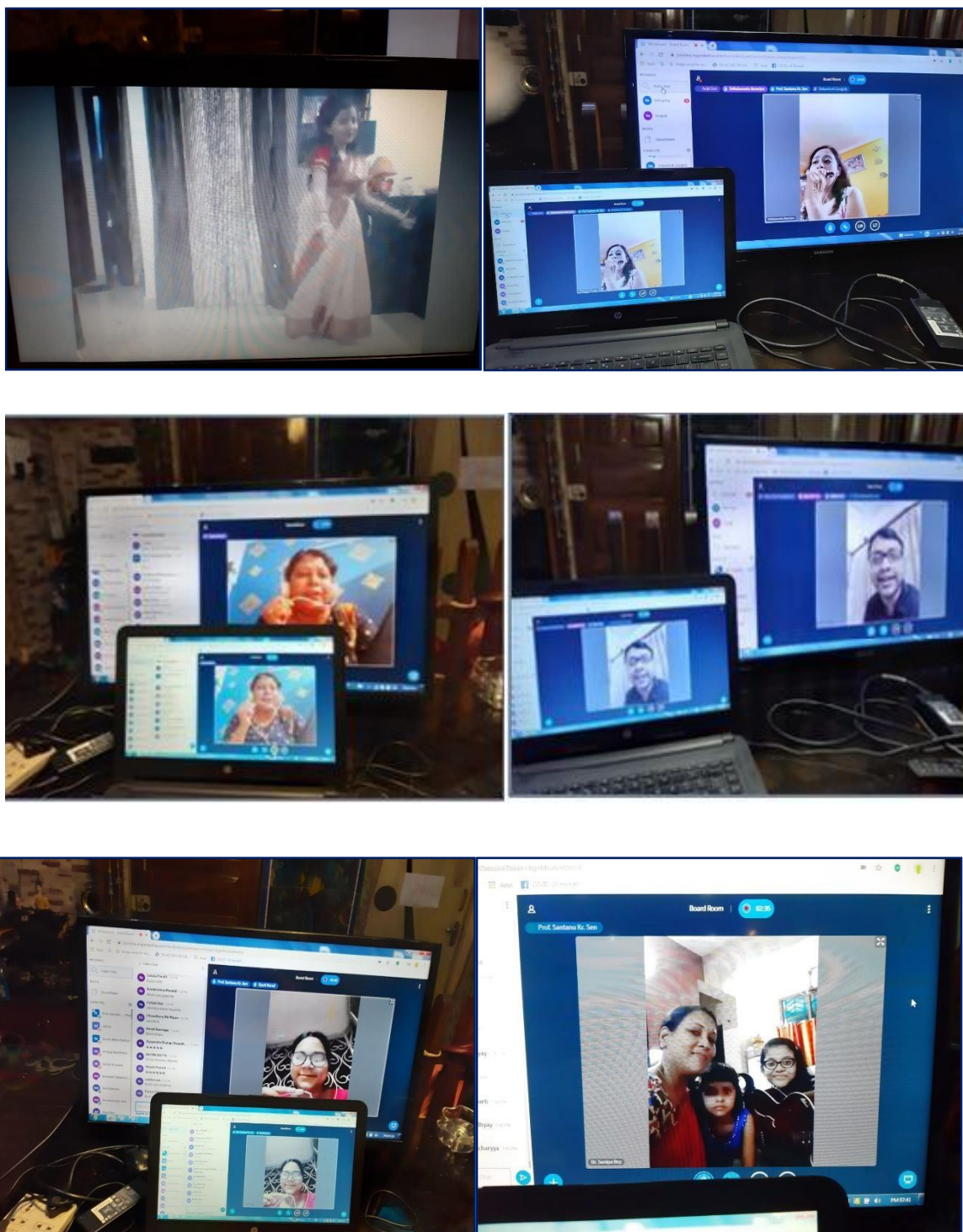
3. Group 3:

Students :Sayan Mondal , Sayan Majumder , Uddipan Chowdhury , Sayan Bhattacharya , Satish Singh

Project Name :Agreetech

❖ EXTRA CURRICULAR ACTIVITY

- **IpshaRoy , Daughter of Dr.Sunipa Roy , HOD ,ECE Participated in Digital Cultural Night v1.0 on 4.4.2020**
- **Mr. Koushik Roy, Asst. Prof, ECE, Participated in Digital Cultural Night v2.0 on 11.4.2020**
- **Ms. Anurima Majumdar, Asst. Prof, ECE, Participated in Digital Cultural Night v1.0 on 4.4.2020**
- **Ms. Soma Boral, Asst. Prof, ECE, Participated in Digital Cultural Night v1.0 on 4.4.2020**
- **Ms. Dyuti Nandi, JTA, ECE, Participated in Digital Cultural Night v1.0 on 4.4.2020**
- ❖ **Mr. RamkrishnaMonda, JTA,ECE Participated in Digital Cultural Night v 2.0 on 11.4.2020**
- ❖ **Ms.Toshani Banerjee , Daughter of Avali Banerjee, Asst. Prof, ECE Participated in Digital Cultural Night v2.0 on 11.4.2020**
- ❖ **Dr. NabanitaBanerjee(ECE), Asst. Prof (PT),ECE Participated in Digital Cultural Night v2.0 on 11.4.2020**
- ❖ **Ms.Dishita Roy, Daughter of Dr.Sunipa Roy , HOD ,ECE Participated in Digital Cultural Night v2.0 on 11.4.2020**
- ❖ **Oindrilla Das, Student of ECE secured 2nd position in Lockdown singing Hunt**
- ❖ **Rohan Kumar Banerjee participated in Webinar, Pledge, Quiz, Hackathon (COMBAT COVID -19) on Python, IOT, Data Analytics, Certificate of Commitment by WHO, Padma Awards 2020, Janta Curfew Pledge, Stay at Homes Pledge, Participation COMBAT COVID -19 Hackathon**
- ❖ **Uddipan Chowdhury participated in Karate championship 2020 on 15.3.2020**



❖ ALUMNI AND CURRENT STUDENT SOCIAL WORKS DURING LOCKDOWN

All the faculty members have contributed to CM and PM Fund to fight against COVID 19. They have also contributed to different social workers who are our student or alumni. They have extended their hands to help the needy during this crisis by providing them with foods , face mask , sanitiser etc. Mr. Suman Kar, Alumni , ECE who is the founder member of PRAGATI is giving the daily foods to old and incapable

people. He is working day and night with his team in his locality . Many current students are also organising such events while maintaining the protocols for COVID 19. Some of the students are also visiting slums and other backward areas with proper precaution to arise social awareness against COVID 19. Some glimpses are given below -





Last but not the least:

PROTECT YOURSELF THROUGH PREVENTION

In accordance with recommended infection control measures by authorities, the practice of good hygiene is one of the most effective ways to protect yourself, including:

- Staying home if you are not well
- Avoiding close contact with people that are not well
- Proper and frequent handwashing with soap and water, especially after coming into contact with public hardware such as subway poles, shopping carts, magazines, newspapers, cups, etc
- Avoiding hand contact with your eyes, nose, or mouth with unwashed hands

- Use sanitizing gels and wipes
- Coughing or sneezing into sleeve or folded arm; if a tissue is used, dispose immediately
- In gatherings; avoid hand shaking, cheek kissing or other forms of contact greetings
- Practice healthy habits such as cleaning or disinfecting surfaces, getting plenty of rest, drinking plenty of fluids, eating well, staying active and managing your stress

STAY INFORMED BY REVIEWING THE FOLLOWING WEBSITES FOR MORE INFORMATION:

[World Health Organization \(WHO\): Coronavirus](#)

[Government of Canada: Travel Advice \(COVID-19\)](#)

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❖ Digital Classes Conducted in the Depart till date by the Faculty members& JTAs

Name of the Faculty	Subject taken	Total number of lectures	Syllabus coverage
FACULTY			
Dr. Arun Kumar Mondal	EC602	45	100 %
Dr. Arun Kumar Mondal	EC801	42	100 %
Dr. Kaushik Roy	EC404	12	100 %
Dr. Kaushik Roy	EC605C	12	100 %
Dr. Kaushik Roy	EC802C	10	100 %
Dr. Kaushik Roy	ETCE/CNII/S6	8	100 %
Mrs. Swagata Bhattacharya	EC401	9	100 %
Mrs. Swagata Bhattacharya	ETCE/ECE/S4	12	100 %
Mrs. Swagata Bhattacharya	ETCE/ECE/S6	6	100 %
Dr. Suparna Biswas	EC603(ECE1+ECE2)	29	100 %
Dr. Suparna Biswas	MCE 203	8	100 %
Sayan Roy Chaudhuri	EC803C(ECE1+ECE2)	30	100 %
Sayan Roy Chaudhuri	MCE 204B	14	100 %
Palasri Dhar	EC 403	16	100 %
Palasri Dhar	EC 401	15	100 %
Palasri Dhar	ETCE/PP-IV/S6	4	100 %
Dr. SurajitBasak	EC201	14	100 %
Dr. SurajitBasak	EC605C	16	100 %
Dr. SurajitBasak	MCE203	8	100 %
Koushik Pal	EC 802C	14	100 %
Koushik Pal	IT 404	15	100 %
Koushik Pal	MCE 205B	12	100 %
Dr Sunipa Roy	DETCE/S6/IM	12	100 %
Dr Sunipa Roy	EC201	14	100 %
Dr Sunipa Roy	MCE201	10	100 %
Antara Ghosal	EC 404	16	100 %
Antara Ghosal	EC 601	15	100 %
Anurima Majumdar	EC 403	17	100 %
Anurima Majumdar	EC 601	19	100 %
Avali Banerjee	EC 602	15	100 %
Avali Banerjee	EC 801	12	100 %

Avali Banerjee	DETCE/ACE/S6	8	100 %
Soma Boral	EC402	14	100 %
Soma Boral	MCE202	11	100 %
Soma Boral	ETCE/PP-II/S3	8	100 %
JTA			
Ramkrishna Mondal	ETCE/LECE/S4	8	100 %
Ramkrishna Mondal	WORP2(DETC)	8	100 %
Ramkrishna Mondal	WORP2(DEE)	12	100 %
SulataPandit(JTA)	EE/S4/ADE/L (GR A+B)	4	100 %
	EE493 (SECII GR A)	4	100 %
	EE493 (SECI GR B)	4	100 %
	EC291 (SEC II GR A)	4	100 %
	EI493	1	100 %
	EC291 (EIE)	3	100 %
	EC291 (EE SEC I GR B)	3	100 %
	IT 694 (SEC I GR A+B)	1	100 %
Dyuti Nandi	EC291	11	100 %
Dyuti Nandi	EC291	11	100 %
Avijit Deb			100 %
	EC493	12	100 %
	EC492	4	100 %
Dyuti Nandi	EC291(EE , ECE1, ECE2)	11	100 %
Dyuti Nandi	EC492(ECE1 & ECE2)	7	100 %
Amalesh Chandra Ghatak	EC 691 (ECE 1 & ECE 2)	8	100 %
Amalesh Chandra Ghatak	EC 494 (ECE 1 & ECE 2)	8	100 %
Amalesh Chandra Ghatak	EE 493 (EE 1 Gr A)	5	100 %

Below are some glimpses of the Online Classes :

BOOKS

1. Digital Signal Processing – Principles, Algorithms and Applications, J.G. Proakis & D.G. Manolakis, Pearson Ed.
2. Digital Signal Processing, S. Salivahanan, A. Vallabraj & C. Gnanapriya, TMH Publishing Co.
3. Digital Signal Processing, P. Rameshbabu, Scitech Publications (India).
4. Digital Signal processing – A Computer Based Approach, S.K. Mitra, TMH Publishing Co.

GNIT

COUNTERS

4:18 PM

board.myperfectice.com

EC 601

26.0KB/s

ECE-1 OFFICIAL GROUP...
Adrija, Adrija, Agniv, Alivia, Amit, A...

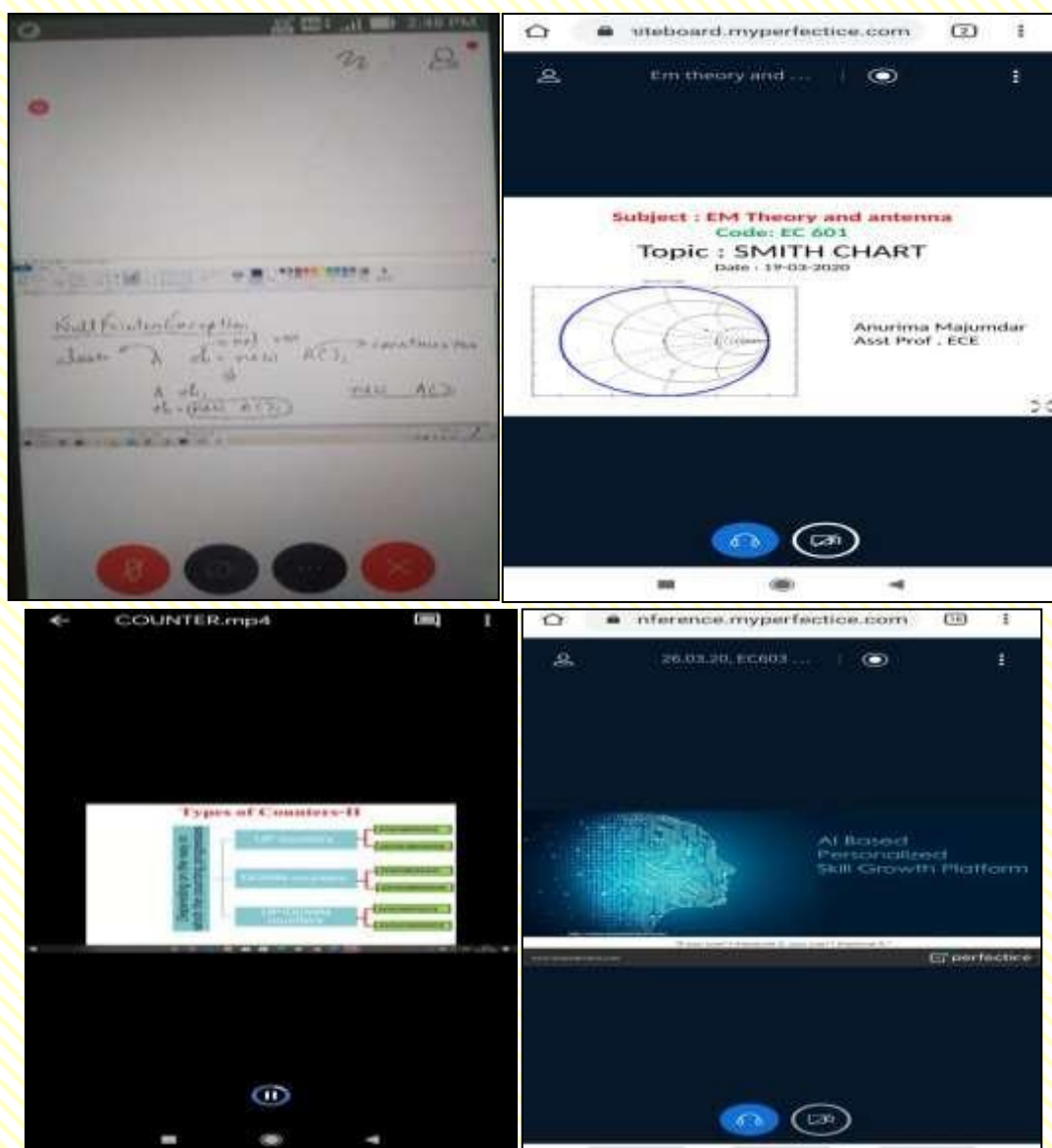
nis 4:17 pm ✓

Poulomi Debnath
tora ki keu sunte parchs? 4:17 pm

Aparajita Mishra
Na 4:18 pm

Moumita Mondal
Poulomi Debnath
tora ki keu sunte parchs?
Ha.. 4:18 pm

Type a message



❖ Digital Parent Teacher Meet

The Electronics and Communication Engineering Department of Guru Nanak Institute of Technology organized a Digital Parent-Teacher Meeting for the B. Tech (2nd, 3rd and 4th Year) and Diploma (2nd and 3rd Year) students on 16th August, 2020, from 7.30 pm to 10 pm using the whiteboard in myPerfectice platform.

Initially, the meeting was initiated by the welcome note of Dr. Sunipa Roy, HOD-ECE, by explaining the process of this Digital education methodology and sharing the activity of the department during this lockdown period. The mentors and the individual subject faculty members expressed their reactions and conveyed their interaction experiences with the students and shared the

departmental glorious moments and all other activities. There were 20 parents of the B. Tech and Diploma, who took active participation in the PTM. The guardians expressed their concern on the upcoming semester examination methodology and regarding that, they have given many suggestions, as to improve the audio quality for some of the lecture videos.

All the parents expressed their happiness towards the initiatives taken by the JIS Management Team, Prof. (Dr.) Santanu Kumar Sen, Principal and the Faculty Members & Technical Assistants of ECE Department for facilitating Digital education to the students during the Lockdown Period. The parents are also expressed their satisfaction as their wards are involved in regular academic engagement, Internship, Innovative Projects and Social Responsibility.

The HOD and all faculties of ECE department assured that they will continue to support all the students and parents in the same way.

The meeting ended with a note of ""STAY HOME, STAY SAFE and Maintain #Social Distancing""

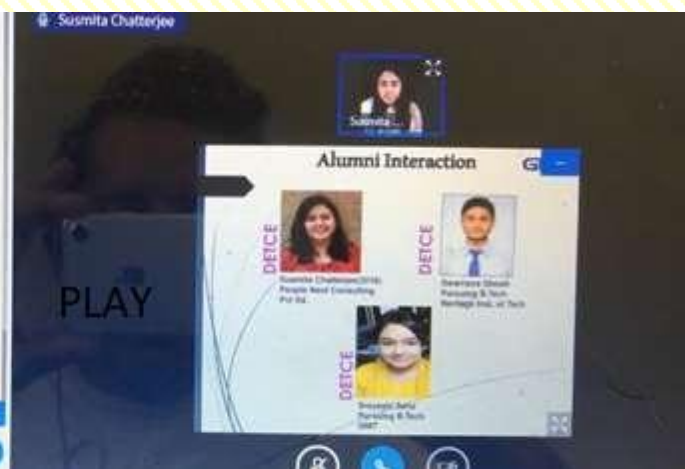
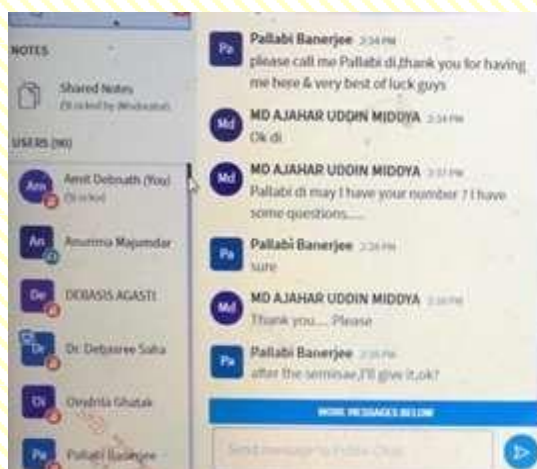
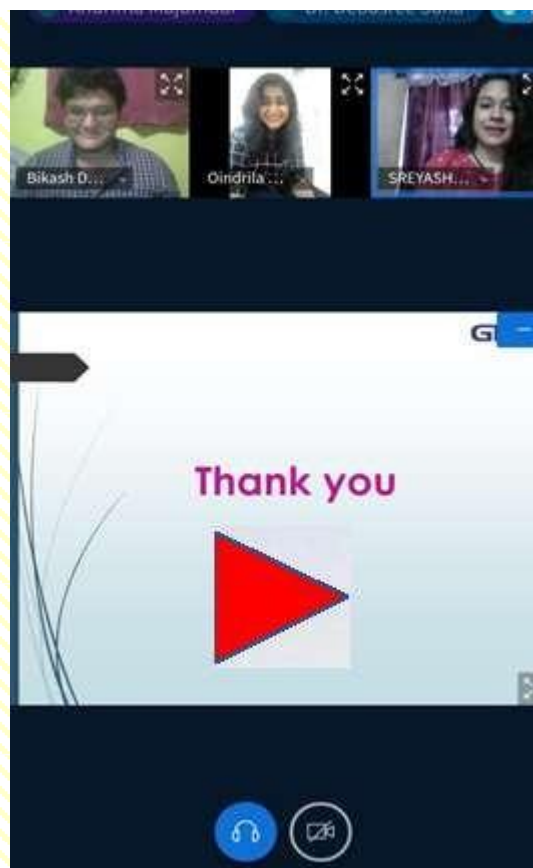


❖ Online Alumni Interaction

The department organised an **online Alumni Interaction** session on 29.11.2020 as a part of 1st year SIP on digital Platform due to the COVID-19 pandemic scenario. The event was organised for the students of **Electronics & Communication Engg** and **Diploma in Electronics & Telecommunication Engineering**.

The alumni who are currently working in multinational companies or pursuing higher studies from foreign universities were the guest speaker. The session was more like a discussion forum where they shared their memories in college. How

the institute motivated them and influenced them in their career. They also shared their thoughts and experiences with their juniors on how to prepare themselves for the current state of job opportunities from the very beginning. The event was highly successful and ended with an interactive session with the 1st year students. It was a pleasure to have with us **Ms Oindrila Ghatak(Alumni -ECE)**, pursuing her M.Sc from University of Edinburgh , **Mr.Swarnava Ghosh(Alumni-DETCE)**,pursuing higher study ,**Ms. Sushmita Chatterjee(Alumni DETCE)**working at People Nest Consulting Pvt. Ltd and **Sreyashi Saha(Alumni DETC)** , currently pursuing Higher study, as our guest today.

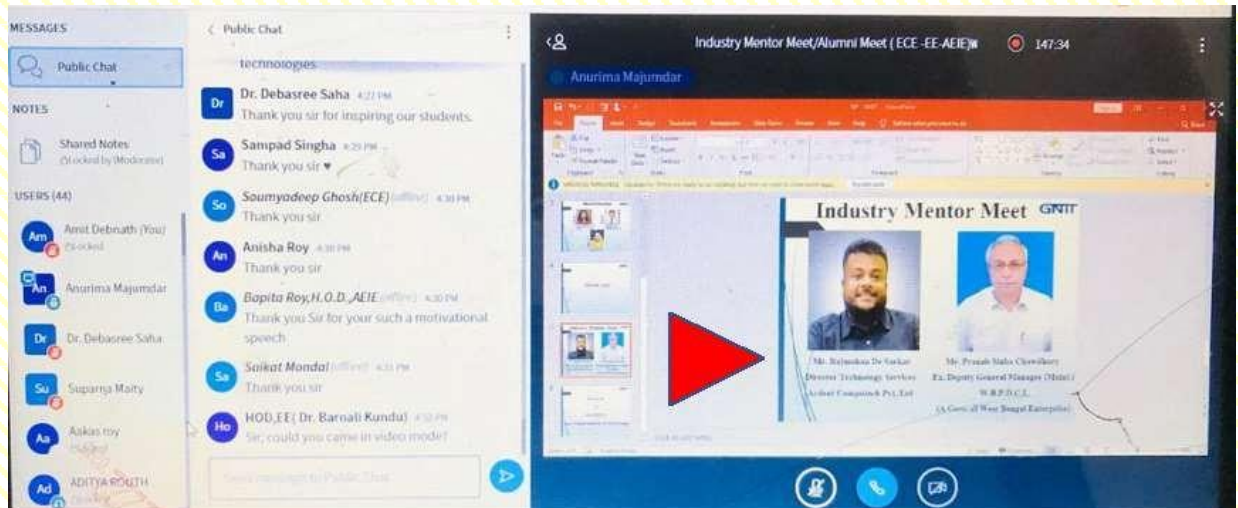


- **Alumni Association of Guru Nanak Institute of Technology** in collaboration with **Research Matter powered by MHRD - Institution Innovation Council @ GNIT** has organized an Online Panel Discussion entitled “Quest for Ph.D.” on 13 July, 2020.



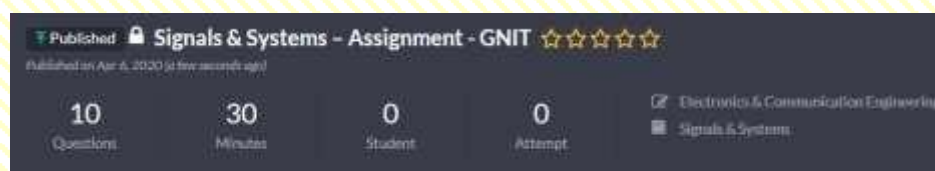
❖ Industry Mentor Meet

The department organised an Industry mentor meet for the students on 29.11.2020 . It was our privilege to have two renowned industry experts as mentors - **Mr. Rajmohan Dey Sarkar , Director Technology Services, Ardent Computech Pvt. Ltd** and **Mr. Pranab Sinha Chaoudhury, Ex Dy General Manager(Maint.), W.B.P.D.C.L, A Govt. of West Bengal Enterprise**. The program ended with an interactive session with the students.



❖ Online Test

- ❖ The department conducted internal assessment tests for all the subjects. Different Digital Learning Platforms like myPerfectice Whiteboard or google form is used for the tests and evaluation. Some snapshots are given below.
- ❖ The department also organized Mock tests on all the subjects to make the students familiar with the proctor-based examination system
- ❖ The department also organized Online Practice Test on Physics, Chemistry, Mathematics as a part of Online Admission Drive Awareness Program

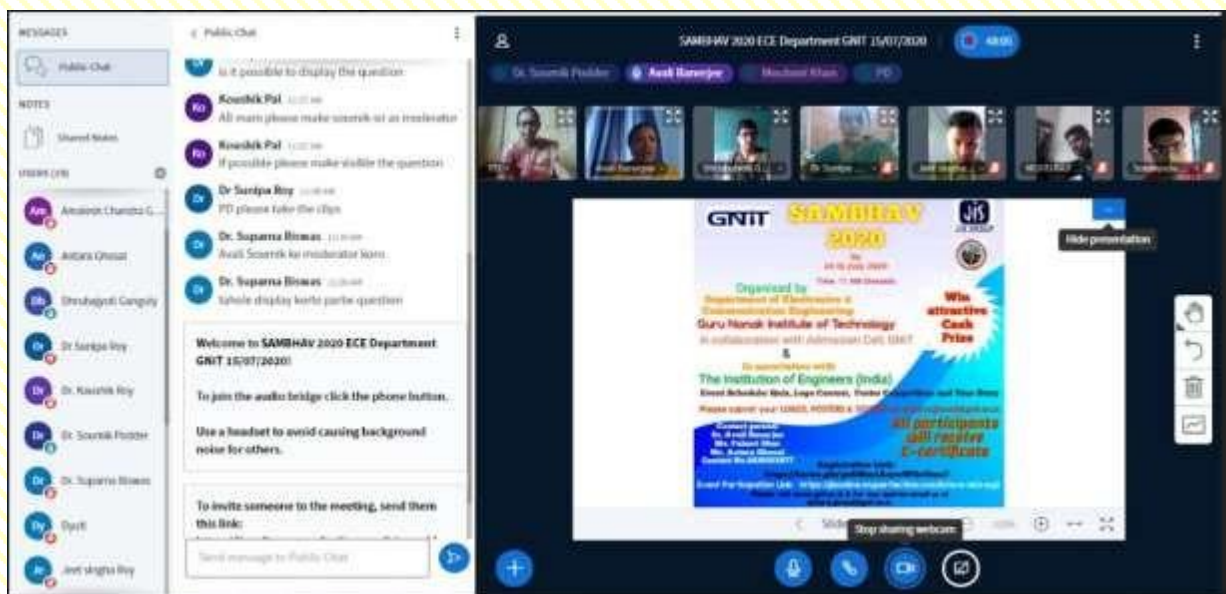


Sample Question paper

EC 601 CLASS TEST-1 - MCQ (Responses)									
	Timestamp	NAME	ROLL NUMBER	DEPARTMENT-SECTION	1)A transmission line of S	2)A lossless transmission 3	3)All transmission line si	4)The magnitudes of the	5)The 1
1	05/04/2020 20:08:13	Bikram	500217021011	Ece	(a) 25 Ω	(a) 0	(b) 0	(b) 50 Ω	(a) 1 m
2	05/04/2020 20:10:55	Apargita Mishra	500217011044	Ece	(c) 60 Ω	(d) None of the these	(c) 3 R0/2	(b) 60 Ω	(a) 1 m
3	05/04/2020 20:11:01	Mid Balli Raza Noori	500217011044	ECE-1	(b) 25 Ω	(a) 0	(b) 0	(b) 50 Ω	(a) 1 m
4	05/04/2020 20:11:01	Poojanti Debnath	500217021054	ECE	(b) 25 Ω	(b) 0.32 A	(c) 3 R0/2	(a) 25 Ω	(a) 1 m
5	05/04/2020 20:13:47	DIPANJAN RAHA	500217011030	ECE	(b) 25 Ω	(a) 0	(b) 0	(b) 50 Ω	(a) 1 m
6	05/04/2020 20:16:39	Moukta Chakraborty	500217021046	Electronics and commun	(b) 25 Ω	(a) 0	(b) 0	(b) 50 Ω	(a) 1 m
7	05/04/2020 20:16:33	Anwesha paul	500217021010	Electronics and telecom	(b) 25 Ω	(a) 0	(b) 0	(a) 25 Ω	(a) 1 m
8	05/04/2020 20:16:43	Debarati Roy	500217021027	ECE	(b) 25 Ω	(c) 0	(b) 0	(a) 25 Ω	(a) 1 m
9	05/04/2020 20:17:07	Bikram saha	500217011023	Ece-1	(b) 25 Ω	(a) 0	(b) 0	(b) 50 Ω	(a) 1 m
10	05/04/2020 20:17:48	Dipanjana Saha	500217021031	ECE	(b) 25 Ω	(a) 0	(b) 0	(b) 50 Ω	(a) 1 m
11	05/04/2020 20:20:49	Mounika Biswas	500217022047	ECE1	(b) 25 Ω	(a) 0	(b) 0	(b) 50 Ω	(a) 1 m
12	05/04/2020 20:21:13	Mahuya Mallick	500217021040	ECE-1	(b) 25 Ω	(a) 0	(b) 0	(b) 50 Ω	(a) 1 m
13	05/04/2020 20:22:27	GOMNO KUMAR SHAR	500217012033	Electronics and commun	(b) 25 Ω	(a) 0	(b) 0	(b) 50 Ω	(a) 1 m
14	05/04/2020 20:22:28	Debjani Saha	500217011020	ECE -1 3rd year	(b) 25 Ω	(a) 0	(b) 0	(b) 50 Ω	(a) 1 m
15	05/04/2020 20:22:57	ANJALI KUMARI	500217024006	ECE-1	(b) 25 Ω	(a) 0	(b) 0	(b) 50 Ω	(a) 1 m
16	05/04/2020 20:23:58	Rajani Chatterjee	500217011061	ECE-1	(b) 25 Ω	(b) 0.32 A	(c) 3 R0/2	(b) 50 Ω	(c) 0 m
17	05/04/2020 20:24:08	Pratish Mal	500217011053	ECE-1	(b) 25 Ω	(a) 0	(b) 0	(b) 50 Ω	(a) 1 m
18	05/04/2020 20:24:26	Debarjani Das	500217021026	ECE-1	(b) 25 Ω	(a) 0	(b) 0	(b) 50 Ω	(a) 1 m

Sample evaluation sheet

Electronics & Communication Engineering in collaboration with the Institution of Engineers (India) and Admission Cell @ GNIT has organized Sambhav 2020 for school students of standard 10 to 12 on 24th July, 2020. The whole event was coordinated by Dr. Avali Banerjee, Ms. Palasri Dhar, Ms. Antara Ghoshal.





Dhrubajyoti Ganguly stood first in the logo competition. This logo is selected for departmental e-magazine logo.

**❖ WEBINAR/SEMINAR/CONFERENCE/WORKSHOP/FDP etc.
PARTICIPATED**

Name of the Faculty	Event	Topic	Date	Venue	Organised by
Dr. Soumik Podder	Workshop	Research Projects: Conceptualisation to Implementation	28.07.2020	ONLINE	DST and ACS
Dr. Soumik Podder	Workshop	Stress Management	30.07.2020	Guru Nanak Institute of Pharmaceutical Science and Technology, Kolkata	Guru Nanak Institute of Pharmaceutical Science and Technology, Kolkata

Dr. Soumik Podder	FDP	Technological Advancements in Electric Vehicle Applications	17.08.2020 to 21.08.2020	GNIT, Kolkata	EE Dept. GNIT, Kolkata
Dr. Soumik Podder	Webinar	Data Analytics using Python	17.10.2020	GNIT, Kolkata	ECE Dept., GNIT, Kolkata and Ardent Computech Pvt. Ltd.
Dr. Soumik Podder	FDP	Non volatile Memory Technologies and Nano bio sensor	17.11.2020 to 24.11.2020	GNIT, Kolkata	ECE Dept., GNIT, Kolkata
Dr. Soumik Podder	Webinar	Machine Learning in Healthcare	07.12.2020 to 11.12.2020	IIST, Shibpur	Department of Computer Science and Technology, IIST Shibpur
Dr. Soumik Podder	Cultural Event	JIS Spirit	29.01.2021 to 30.01.2021	GNIT, Kolkata	GNIT and JIS group
Dr. Soumik Podder	Cultural Event	JIS SAMMAN	01.02.2021	GNIT, Kolkata	JIS Group
Dr. Soumik Podder	Cultural Event	JIS SAMMAN (Departmental)	03.02.2021	GNIT, Kolkata	JIS Group, GNIT, Kolkata
Antara Ghosal	FDP	Latex with Hands on Experience and Innovative Teaching in Digital environment	18.08.20 to 22.08.20		CSE Dept.,GNIT, in association with The Institution of Engineers (India)
Antara Ghosal	FDP	Non volatile Memory Technologies and Nano bio sensor	17.11.2020 to 24.11.2020	GNIT, Kolkata	ECE Dept., GNIT, Kolkata
Antara Ghosal	FDP	Python and IOT	14.12.2020 to 18.12.2020	GNIT, Kolkata	AEIE Dept. & MCA Dept. , GNIT, Kolkata
Antara Ghosal	Cultural Event	JIS Spirit	29.01.2021 to 30.01.2021	GNIT, Kolkata	GNIT and JIS group
Antara Ghosal	Cultural Event	JIS SAMMAN	01.02.2021	GNIT, Kolkata	JIS Group
Antara Ghosal	Cultural Event	JIS SAMMAN (Departmental)	03.02.2021	GNIT, Kolkata	JIS Group, GNIT, Kolkata
Anurima Majumdar	FDP	Latex with Hands on Experience and Innovative Teaching in Digital environment	18.08.20 to 22.08.20		CSE Dept.,GNIT, in association with The Institution of Engineers (India)

Anurima Majumdar	FDP	Non volatile Memory Technologies and Nano bio sensor	17.11.2020 to 24.11.2020	GNIT, Kolkata	ECE Dept., GNIT, Kolkata
Anurima Majumdar	FDP	Python and IOT	14.12.2020 to 18.12.2020	GNIT, Kolkata	AEIE Dept. & MCA Dept. , GNIT, Kolkata
Anurima Majumdar	Cultural Event	JIS Spirit	29.01.2021 to 30.01.2021	GNIT, Kolkata	GNIT and JIS group
Anurima Majumdar	Cultural Event	JIS SAMMAN	01.02.2021	GNIT, Kolkata	JIS Group
Anurima Majumdar	Cultural Event	JIS SAMMAN (Departmental)	03.02.2021	GNIT, Kolkata	JIS Group, GNIT, Kolkata
Anurima Majumdar	SIP	Online Student Induction Program (eSIP)	8.11.2020 to 20.11.2020	Online	AICTE
Anurima Majumdar	FDP	FDP on Universal Human Values	18.1.2021 to 22.1.2021	online	NCC-IP , AICTE
Sayan Roy Chaudhuri	FDP	Non volatile Memory Technologies and Nano bio sensor	17.11.2020 to 24.11.2020	ONLINE	ECE Dept., GNIT, Kolkata
Sayan Roy Chaudhuri	FDP	Electronic Devices, Image Processing and Machine Learning	11.08.2020 to 15.08.2020	ONLINE	ECE Dept., GNIT, Kolkata
Sayan Roy Chaudhuri	AICTE AQIS STTP	Recent Advances and Trends in Machine Learning: Theory and Application	07.12.2020 to 12.12.2020	ONLINE	EE Dept., AEC,Asansol
Sayan Roy Chaudhuri	Online Webinar	Mental Health Awareness	26.09.2020	ONLINE	ECE Dept., GNIT, Kolkata and Techfest IIT Bombay
Sayan Roy Chaudhuri	Online Webinar	Technical Writing: Tips, Tricks and Tools, JISU	26.09.2020	ONLINE	JISU
Dr. Suparna Biswas	FDP	Latex with Hands on Experience and Innovative Teaching in Digital environment	18.08.20 to 22.08.20		CSE Dept., GNIT, in association with The Institution of Engineers (India)
Dr. Suparna Biswas	FDP	Non volatile Memory Technologies and Nano bio sensor	17.11.2020 to 24.11.2020	GNIT, Kolkata	ECE Dept., GNIT, Kolkata

Dr. Suparna Biswas	FDP	Electronic Devices, Image Processing and Machine Learning	11.08.2020 to 15.08.2020	GNIT, Kolkata	ECE Dept., GNIT, Kolkata
Dr. Suparna Biswas	Webinar	Data Analytics using Python	17.10.2020	GNIT, Kolkata	ECE Dept., GNIT, Kolkata and Ardent Computech Pvt. Ltd.
Dr. Suparna Biswas	Conference	FEMAS2	28-29th January 2021		
Dr. Suparna Biswas	Conference	IOCER 2020	8-9th October 2020	JIs, Kalyani	
Dr. Suparna Biswas	FDP(Guest Speaker and Participated)	FDP on Non Volatile Memory Technologies And Nano Bio Sensors	17-24th November 2020		ECE Dept., GNIT, Kolkata
Dr. Kaushik Roy	FDP	Simulation and Modelling of Data Communications and Network	27.07.20 to 31.07.20	MGIT, Hyderabad	ECE Dept.,MGIT, Hyderabad
Dr. Kaushik Roy	FDP	Electronic Devices, Image Processing and Machine Learning	11.08.20 to 15.08.20	GNIT, Kolkata	ECE Dept., GNIT, Kolkata
Dr. Kaushik Roy	Webinar	Simplifying IPR and Patent filing	24.07.2020	Online	BVICAM, New Delhi
Dr. Kaushik Roy	Webinar	Local drug delivery to the injured cervical spinal cord using engineered hydrogel preserves diaphragm function	27.08.2020	Online	AEIE Dept., GNIT, Kolkata
Dr. Kaushik Roy	Webinar	Secure your research paper from getting hijacked	14.08.2020	Online	CSE and IT Dept., BVRIT, Hyderabad
Dr. Kaushik Roy	FDP	Non volatile Memory Technologies and Nano bio sensor	17.11.20 to 24.11.20	GNIT, Kolkata	ECE Dept., GNIT, Kolkata
Dr. Kaushik Roy	Conference	CCSN 2020	17 and 18th October, 2020	Online	ACT, Kolkata

Dr. Kaushik Roy	Conference	FEMAS 2021	28-29th January 2021	Online	GNIT, Kolkata
Soma Boral	FDP	Non volatile Memory Technologies and Nano bio sensor	17.11.2020 to 24.11.2020	GNIT, Kolkata	ECE Dept., GNIT, Kolkata
Soma Boral	FDP	Electronic Devices, Image Processing and Machine Learning	11.08.2020 to 15.08.2020	GNIT, Kolkata	ECE Dept., GNIT, Kolkata
Soma Boral	Webinar	Data Analytics using Python	17.10.2020	GNIT, Kolkata	ECE Dept., GNIT, Kolkata and Ardent Computech Pvt. Ltd.
Soma Boral	Conference	FEMAS2	28-29th January 2021		
Soma Boral	Cultural Event	JIS Spirit	29.01.2021 to 30.01.2021	GNIT, Kolkata	GNIT and JIS group
Soma Boral	FDP	FDP ON NON VOLATILE MEMORY TECHNOLOGIES AND NANO BIO SENSORS	17-24th November 2020		ECE Dept., GNIT, Kolkata
Soma Boral	Cultural Event	JIS SAMMAN	01.02.2021	GNIT, Kolkata	JIS Group
Soma Boral	Cultural Event	JIS SAMMAN (Departmental)	03.02.2021	GNIT, Kolkata	JIS Group, GNIT, Kolkata
Soma Boral	Online Webinar	Mental Health Awareness	26.09.2020	ONLINE	ECE Dept., GNIT, Kolkata and Techfest IIT Bombay
Soma Boral	Online Webinar	Technical Writing: Tips, Tricks and Tools, JISU	26.09.2020	ONLINE	JISU
Dr. Surajit Basak	Webinar	Data Analytics using Python	17.10.2020	GNIT, Kolkata	ECE Dept., GNIT, Kolkata and Ardent Computech Pvt. Ltd.
Dr. Surajit Basak	FDP (speaker and participant)	Non volatile Memory Technologies and Nano bio sensor	17.11.2020 to 24.11.2020	GNIT, Kolkata	ECE Dept., GNIT, Kolkata

Dr. Surajit Basak	Webinar	Machine Learning in Healthcare	07.12.2020 to 11.12.2020	IIST, Shibpur	Department of Computer Science and Technology, IIST Shibpur
Dr. Surajit Basak	Cultural Event	JIS Spirit	29.01.2021 to 30.01.2021	GNIT, Kolkata	GNIT and JIS group
Dr. Surajit Basak	Cultural Event	JIS SAMMAN	01.02.2021	GNIT, Kolkata	JIS Group
Dr. Surajit Basak	Cultural Event	JIS SAMMAN (Departmental)	03.02.2021	GNIT, Kolkata	JIS Group, GNIT, Kolkata
Dr. Surajit Basak	FDP	Electronic Devices, Image Processing and Machine Learning	11.08.20 to 15.08.20	GNIT, Kolkata	ECE Dept., GNIT, Kolkata
Dr. Surajit Basak	Webinar	Local drug delivery to the injured cervical spinal cord using engineered hydrogel preserves diaphragm function	27.08.2020	Online	AEIE Dept., GNIT, Kolkata
Dr. Surajit Basak	Short term course	Information Security: Approaches in Application to Physical Layer.	11-15th January, 2021	Online	IT Department of IIST, Shibpur
Dr. Surajit Basak	Conference	FEMAS2	28-29th January 2021	Online	GNIT
Dr. Avali Banerjee	FDP	Latex with Hands on Experience and Innovative Teaching in Digital environment	18.08.20 to 22.08.20		CSE Dept.,GNIT, in association with The Institution of Engineers (India)
Dr. Avali Banerjee	FDP	Non volatile Memory Technologies and Nano bio sensor	17.11.2020 to 24.11.2020	GNIT, Kolkata	ECE Dept., GNIT, Kolkata
Dr. Avali Banerjee	FDP	Electronic Devices, Image Processing and Machine Learning	11.08.20 to 15.08.20	GNIT, Kolkata	ECE Dept., GNIT, Kolkata
Dr. Avali Banerjee	FDP	FDP on Universal Human Values	18.1.2021 to 22.1.2021	online	NCC-IP , AICTE
Dr. Avali Banerjee	Cultural Event	JIS Spirit	29.01.2021 to 30.01.2021	GNIT, Kolkata	GNIT and JIS group

Dr. Avali Banerjee	Cultural Event	JIS SAMMAN	01.02.2021	GNIT, Kolkata	JIS Group
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Dr. Avali Banerjee	Conference	FEMAS 2021	28-29th January 2021	Online	GNIT, Kolkata

❖ RESEARCH PUBLICATIONS

Faculty Author	Journal/Conference Details	Student Author(If Any)	Title	Date
Dr. Sunipa Roy	IEEE Sensors Journal (Volume: 21, Issue: 2,)		Efficient Room Temperature Hydrogen Gas Sensor Using ZnO Nanoparticles-Reduced Graphene Oxide Nanohybrid	Jan.15, 2021
Anurima Majumdar	Solid State Technology	Saumyadeep Bhattacharyya, Romik Halder, Arpan Mondal, Asmita Chakraborty, Ankit Roy, Rohit Dubey		March 27, 2021
Anurima Majumdar	Fourth Annual Technical Volume Of Electronics and Telecommunication Engineering Division Board, IEI		Analysis of Coaxial Probe Fed Circular Patch Antenna (CPA) using Green's Function and Effect of Slots on CPA	March 8, 2021
Anurima Majumdar	Fourth Annual Technical Volume Of Electronics and		Analysis of Input Impedance Characteristics of	March 8, 2021

	Telecommunication Engineering Division Board, IEI		Rectangular Patch Antenna using Green's Function	
Dr. Suparna Biswas	Journal of Physics			March 3, 2021
Antara Ghosal	Fourth Annual Technical Volume of Electronics and Telecommunication Engineering Division Board, IEI		Analysis of Coaxial Probe Fed Circular Patch Antenna (CPA) using Green's Function and Effect of Slots on CPA	March 8, 2021
Antara Ghosal	Fourth Annual Technical Volume of Electronics and Telecommunication Engineering Division Board, IEI		Analysis of Input Impedance Characteristics of Rectangular Patch Antenna using Green's Function	March 8, 2021
Dr. Sunipa Roy	International Research Journal Of Science Engineering And Technology, 2020	Ayon Maji, Atanu Kumar Bagh Ankan Das, Anurima Majumdar, Antara Ghosal, Palasri Dhar, Sunipa Roy,	"Padmini-An Intelligent Women Safety Device "	Sept 2020
Dr. Sunipa Roy	International Journal Of Innovative Research In Technology, 2020	Anurima Majumdar, Antara Ghosal, Palasri Dhar, Sayan Mondal , Sayan Majumder , Sayan Bhattacharjee, Satish Singh , Uddipan Chowdhury,	"Thermal Scanning & Gps Tracking System"	Sept 2020
Dr. Sunipa Roy	IJCRT, 2020	Palasri Dhar , Antara Ghosal, Anurima Majumdar, Dr. Sunipa Roy, Hridika Sah	Ballistic And Scattering Limited Mobility In Gan Single Quantum Well And Al _{0.25} Ga _{0.75} N/Gan Superlattice Mosfet: A Comparative Study"	Sept 2020

Dr. Soumik Podder	Inorganic And Nano Metal Chemistry		Green Biosynthesis Of Silver Nanoparticles Using Dregea Volubilis Flowers: Characterization And Evaluation Of Antioxidant, Antidiabetic And Antibacterial Activity	03.09.2020
Dr. Suparna Biswas	Journal Of Critical Review		Recent Advances Of Face Recognition In Transform Domain	July 2020
Dr. Suparna Biswas	Iocer 2020		Face Detection Based Approach To Combat With Covid-19	9th October 2020
Dr. Suparna Biswas	Iocer 2020		Gps Tracking, Qr Code Scanner Based Application To Help The Health Workers And Common Citizens During Covid-19	8 October 2020
Dr. Suparna Biswas	International Conference On Frontiers In Engineering, Management And Applied Science (Femas 2021)	Rohan Kumar Banerjee, Ankita Sarkar	Real-Time Object Detection Using Yolo Algorithm	29.01.21
Dr. Suparna Biswas	International Conference On Frontiers In Engineering, Management And Applied Science (Femas 2021)	Ayusha Biswas, Arpan Bhawal	Air Conditioner System Control Using Fuzzy Logic	28.01.21
Antara Ghosal	International Journal Of Innovative Research In Technology, 2020	Antara Ghosal, Anurima Majumdar, Palasri Dhar , Adrija Kundu, Avirup Mondal , Ananya Biswas, Bikram Saha, Palabi Ghosh	Smart Stick For Blind Using Iot", In	August 2020
Antara Ghosal	International Research Journal Of Science	Ayon Maji, Atanu Kumar Bagh Ankan Das,	"Padmini-An Intelligent Women Safety Device "	Sept 2020

	Engineering And Technology, 2020	Anurima Majumdar, Antara Ghosal, Palasri Dhar, Sunipa Roy,		
Antara Ghosal	International Journal Of Innovative Research In Technology, 2020	Anurima Majumdar, Antara Ghosal, Palasri Dhar, Sayan Mondal , Sayan Majumder , Sayan Bhattacharjee, Satish Singh , Uddipan Chowdhury,	"Thermal Scanning & Gps Tracking System"	Sept 2020
Antara Ghosal	IJCRT,2020	Palasri Dhar , Antara Ghosal, Anurima Majumdar, Dr. Sunipa Roy, Hridika Sah	Ballistic And Scattering Limited Mobility In Gan Single Quantum Well And Al _{0.25} Ga _{0.75} N/Gan Superlattice Mosfet: A Comparative Study"	Sept 2020
Sayan Roy Chaudhuri	Journal Of Critical Review		Recent Advances Of Face Recognition In Transform Domain	July 2020
Sayan Roy Chaudhuri	Iocor 2020		Face Detection Based Approach To Combat With Covid-19	9th October 2020
Sayan Roy Chaudhuri	International Conference On Frontiers In Engineering, Management And Applied Science (Femas 2021)	Rohan Kumar Banerjee, Ankita Sarkar	Real-Time Object Detection Using Yolo Algorithm	29.01.21
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Palasri Dhar	International Journal Of Innovative Research In Technology, 2020	Antara Ghosal, Anurima Majumdar, Palasri Dhar , Adrija Kundu,	Smart Stick For Blind Using Iot", In	August 2020

		Avirup Mondal , Ananya Biswas, Bikram Saha, Palabi Ghosh		
Palasri Dhar	International Research Journal Of Science Engineering And Technology, 2020	Ayon Maji, Atanu Kumar Bagh Ankan Das, Anurima Majumdar, Antara Ghosal, Palasri Dhar, Sunipa Roy,	"Padmini-An Intelligent Women Safety Device "	Sept 2020
Palasri Dhar	International Journal Of Innovative Research In Technology, 2020	Anurima Majumdar, Antara Ghosal, Palasri Dhar, Sayan Mondal , Sayan Majumder , Sayan Bhattacharjee, Satish Singh , Uddipan Chowdhury,	"Thermal Scanning & Gps Tracking System"	Sept 2020
Palasri Dhar	IJCRT, 2020	Palasri Dhar , Antara Ghosal, Anurima Majumdar, Dr. Sunipa Roy, Hridika Sah	Ballistic And Scattering Limited Mobility In Gan Single Quantum Well And Al _{0.25} Ga _{0.75} N/Gan Superlattice Mosfet: A Comparative Study"	Sept 2020
Dr. Surajit Basak	Ad Hoc Networks (Elsevier), Vol. 128, Pp 102275- 102283, Impact Factor: 3.643 (Sci)		On Energy Efficient Secure Routing In Multi- Hop Underlay D2d Communications For Iot Applications	1st Nov., 2020. Doi: https://doi.org/10.1016/j.adhoc.2020.102275 .
Dr. Surajit Basak	Springer Book Chapter		Covid-19 Pandemic: Theory, Concepts And Challenges	20.01.2021
Dr. Surajit Basak	International Conference On Frontiers In Engineering, Management And Applied Science (Femas 2021)	Piyal Bose, Arko Saha, Aritra Ghosal, Arjyama Seal, Bikram Paul	Covid Frontliner: A First Level Smart Health Assistant App & Website For Covid 19	28.01.2021
Dr. Avali Banerjee	Analysis of Crosstalk in High Speed and High Frequency Printed	Avali Ghosh, Sisir Kumar Das, Annapurna Das	Analysis of Crosstalk in High Speed and High Frequency Printed Circuit Board	January 2021

	Circuit Board International Journal of Electronics			
Dr. Avali Banerjee	International Conference on Frontiers in Engineering, Management and Applied Science (FEMAS 2021)	Rohan Kumar Banerjee, Ankita Sarkar	Real-Time Object Detection using YOLO Algorithm	29.01.21
Anurima Majumdar	International Journal Of Innovative Research In Technology, 2020	Antara Ghosal, Anurima Majumdar, Palasri Dhar , Adrija Kundu, Avirup Mondal , Ananya Biswas, Bikram Saha, Palabi Ghosh	Smart Stick For Blind Using Iot", In	August 2020
Anurima Majumdar	International Research Journal Of Science Engineering And Technology, 2020	Ayon Maji, Atanu Kumar Bagh Ankan Das, Anurima Majumdar, Antara Ghosal, Palasri Dhar, Sunipa Roy,	"Padmini-An Intelligent Women Safety Device "	Sept 2020
Anurima Majumdar	International Journal Of Innovative Research In Technology, 2020	Anurima Majumdar, Antara Ghosal, Palasri Dhar, Sayan Mondal , Sayan Majumder , Sayan Bhattacharjee, Satish Singh , Uddipan Chowdhury,	"Thermal Scanning & Gps Tracking System"	Sept 2020
Anurima Majumdar	Ijert, 2020	Palasri Dhar , Antara Ghosal, Anurima Majumdar, Dr. Sunipa Roy, Hridika Sah	Ballistic And Scattering Limited Mobility In Gan Single Quantum Well And Al _{0.25} Ga _{0.75} N/Gan Superlattice Mosfet: A Comparative Study"	Sept 2020

❖ Media Publicity & Social Media Activity

The department is very active on social media and keep publishing different departmental events and feedbacks from stakeholders.

Parent Feedback



Glimpses of Inter college Techfest- ELECTROFUSION organised by ECE



Student Feedback



Departmental Overview



- ❖ Three faculty members from the department is working as media coordinator.

❖ Virtual Industry Visit

The department organised a One Day Virtual Industry Visit for the students on "From Sand to Silicon : The making of a chip | Intel" . Dr. sunipa Roy , HOD , ECE were the resource person of the event. The event ended with an Question Answer session with the students.



❖ Webinar on “Block Chain”

Electronics and Communication Engineering @ GNIT in collaboration with **Ardent Computech Pvt. Ltd.** had successfully organized a **One Day Webinar** entitled **“Block Chain”** on **23rd March, 2021**.

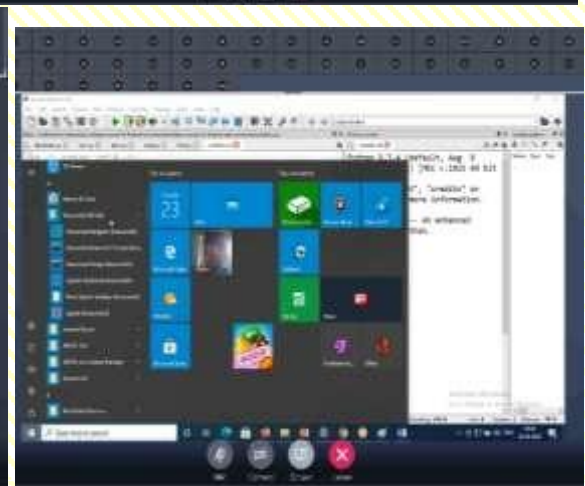
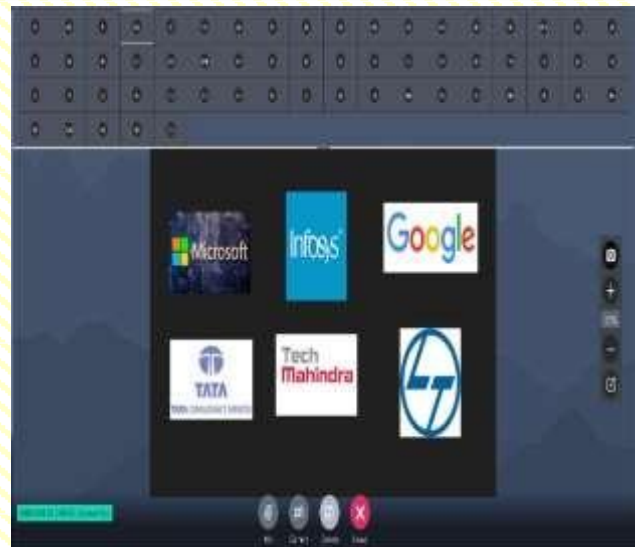
The Webinar was facilitated by **Mr. Mahendra Dutta, Senior Faculty and Project Manager, Ardent Computech Pvt. Ltd.** The participants were from various engineering and technology colleges of West Bengal.

The session was informative and interactive. Both the Speakers as well as the participants enjoyed the program as understood from their feedback. This webinar also motivated the students to develop new skills and earn Global Certification for success in their career.

65 Faculty Members and Students across India had participated in this program. Participants had given their feedback during the session and online feedback was also taken through Google form.

Participants were felicitated with **E-Certificate**. The session has been successfully completed with **Q & A Session**.

Dr. Soumik Podder, AP@ECE and **Dr. Suparna Biswas, AP@ECE** had coordinated the program.



❖ Seminar on “Track your Career”

The department organised a seminar on “track your career”. All the students who are interested in pursuing their career in PSUs or govt. sectors and who wants to go abroad for higher studies joined the seminar. Dr.Sunipa Roy, HOD ,ECE and Ms. Anurima Majumdar, Asst. Prof, ECE were the speakers of the event. The program ended with an interactive session.



❖ STUDENT INTERNSHIP

Many students have registered for internship-training under different company and Internshala

NAME	EMAIL ID.	FIELD	Company
AVIRUP MONDAL	mondalavirup2015@gmail.com	web development(training)	Internshala
ATANU CHOWDHURY	atanuc73@gmail.com	Machine learning, Deeplearning, Data Science	Internshala
Atanu Kumar Bagh	atanubagh99@gmail.com	Internshala Student Partner(ISP-17)in GNIT, Web Development	Internshala
Agniv Sen	agnivvampirehunter@gmail.com	programming	Internshala
Madhurima Mallick	mmallick6068@gmail.com	Web Development, Core Java	Internshala
Arijit Malakar	arijitmalakar.007@gmail.com	programming.	Internshala
Moumita Biswas	biswas1122@gmail.com	web development	Internshala
MD SAIF RAZA NOORI	rzashaef786@gmail.com	Programming	Internshala
Shweta Roy	royshweta1234@gmail.com	software development and programing	Internshala
Moulitachakraborty	chakrabortymoulita9438@gmail.com	web development	Internshala
Suchandra Roy	muskanroy1999@gmail.com	software development & programing	Internshala
NISHANT KUMAR MODI	nishantkumarmodi1902@gmail.com	web development, programming	Internshala
Alivia Deb Sarkar	aliviasarkar3@gmail.com	Web development & programming	Internshala
Anup kumar Jha	anupkumarjha8398@gmail.com	Data Science, Machine Learning	Internshala
Govind Kumar Sharma	govindkumarg2018@gmail.com	programming, web development	Internshala
Ayush Agarwal	ayushagarwal552@gmail.com	Web development & programming	Internshala
Krishnendu Ghosh	ghoshkin125@gmail.com	Web development	Internshala
Amit Kumar Mahato	kmramit56@gmail.com	Web development, Digital/Social Media Marketing	Internshala

Rahul Banik	r2banik@gmail.com	Web Development, Digital Marketing	Internshala
Arijit kundu	siliguridurgapuja19@gmail.com	Web development	Internshala
Anwasha Paul	anweshapaul33@gmail.com	Web development	Internshala
Tiyashasarkar	tiyashasarkar.gnit@gmail.com	web development	Internshala
Ananya Biswas	biswasananya@gmail.com	Programing	Internshala
Pratip Chakraborty	chakraborty2k17@gmail.com	Mobile app development	Internshala
Kushal Ghosh	gkushalg01@gmail.com	Programming	Internshala
Bikram saha	bikramsaha43@gmail.com	Digital marketing,data science	Internshala
Indranil Dey Sarkar	indranil2998@gmail.com	Electronics engineering , web development	Internshala
Divya Kumari	divyakumaripat@gmail.com	Programming, Web development	Internshala
Ayon Maji	ayon.maji38@gmail.com	Web Development, Digital/Social media Marketing, Graphic Designer	Internshala
RajarshiDipan	rajarshidipan.67@gmail.com	Programming and Digital marketing	Internshala
Prajesh Banerjee	prajeshbanerji009@gmail.com	Digital marketing and programming	Internshala
MANJUSH KHANRA	manjushplanet1999@gmail.com	Digital marketing & Programming	Internshala
Biswajit Dhali.	dhalibiswajit01@gmail.com	web development.	Internshala
Debarati Roy	debarati.roy9062@gmail.com	Web Development	Internshala
Paramita Ghanta	ghantaparamita@gmail.com	programming and Web Development	Internshala
Rajorsi Chatterjee	rajorsi.18@gmail.com	Programming	Internshala
Poulami Debnath	poulamidebnath3@gmail.com	Web Development	Internshala
Pallabi Ghosh	gpallabi007@gmail.com	web development	Internshala
Dipanjana Saha	nicedipa98@gmail.con	programming and web developement	Internshala
Arijit Bhukta	arijit99ab@gmail.com	Data Science,Machine Learning	Internshala
DIPANJAN RANA	dipanajanrana@gmail.com	Programming	Internshala
Rima Karmakar	raikarmakar1999@gmail.com	web development and Electronics engineering	Internshala
Proseed Banerjee	proseedbanerjee@gmail.com	electronics engineering	Internshala
Chirantan De	chirantande10011999@gmail.com	Web Development	Internshala
Anjali Kumari	anjalisaw456@gmail.com	java development, web development	Internshala
Debanjana Das	dasdebanjana7@gmail.com	python	Internshala
Aparajita Mishra	aparajitadcc@gmail.com	web development	Internshala
MahuyaMaity	mahumaity86@gmail.com	mobile app development ,pythondevelopment	Internshala
Adrijakundu	adrijaspriha.16@gmail.com	machine learning	Internshala
Dibyendupaul	dibyendu.paul022000@gmail.com	web development,digital marketing	Internshala
Debjeetsaha	saha.deb45618@gmail.com	electronics engineering(hardware)	Internshala

Swarna kamal pal	swarnakamalpal335@gmail.com	electronics engineering	Internshala
pragatiindu	pragatiindu@gmail.com	programming, electronics engineering, web development	Internshala
Adrijasengupta	adrijasengupta55@gmail.com	web development	Internshala
Joy das	dasjoy498@gmail.com	electronics and robotics	Internshala
MainakKarmakar	mainakkarmakar054@gmail.com	Digital marketing & Programming	Internshala
Astik Mukherjee	astikmukherjee14@gmail.com	web development, programming	Internshala
Saikatroy	roy783520@gmail.com	electronics engineering, web development	Internshala
Arindam roy	arghodey1111999@gmail.com	machine learning, data science	Internshala
Moumitamondal	mou96paprimondal@gmail.com	mobile app development	Internshala
Manab Sarkar	manabsarkar81@gmail.com	mobile app development	Internshala
SubhayanMoitra		web development,	ISP Captain

❖ FACULTY DEVELOPMENT PROGRAM

- ❑ ECE Dept organised a 5 Day FDP on Electronics Devices, Image Processing and Machine Learning ! in association with IE(I) from 11.8.20 to 15.8.20
- ❑ ECE Dept organised a 5 day FDP on Non Volatile Memory Technologies and NANO Bio sensors in association with IE(I) from 17.11.2020-24.11.2020

- ❖ ECE Dept organised a 5 day FDP on Digital Pedagogy from 25.09.2020 to 30.09.2020



❖ Industry-Department activity during LOCKDOWN

Throughout the Lockdown the department was in active collaboration with the industries and different events like webinar , online workshop , courses etc for the students and the faculty members were organised in regular basis. The details can be found in the below mentioned link-

- ❖ The department has signed MOU with TRIDENT TECHLAB in January 2021.

❖ SPECIAL ACHIEVEMENTS IN THE DEPARTMENT

- THE DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING WON THE BEST DEPARTMENT AWARD IN JIS SAMMAN 2021



- Dr. Sunipa Roy, HOD , ECE received the prestigious JIS SAMMAN AWARD 2021 in two categories -
 1. faculty with highest amount of grant received
 2. faculty with best research credentials



- Ms. Palasri Dhar received the JIS SAMMAN Award 2021 in the category of faculty with highest no of students publication in the department



- Dr. Suparna Biswas received the JIS SAMMAN Award 2021 in the category of Best video lecture in the department



- Ms. Sulata Pandit received the JIS SAMMAN Award 2021 in the category of best practical demonstration video in the department



- Ms. Aparajita Bhagat , Mr. Arijeet Saha , Mr. Agniva Dutta and Mr.Pritam Das won the prestigious JIS SAMMAN 2021 award in the category of best student project 2017



- Ayon Maji and Atanu kumar Bag won JIS SAMMAN 2021 award in the category of best website design

❖ HACKATHON / COVID MOVEMENT PARTICIPATION BY STUDENTS

- Sayan Mondal ,Sayan Majumder , Uddipan Chowdhury , Sayan Bhattacharya participated in MHRD Samadhan 2020. The topic is “Thermal Scanning & GPS Tracking System”.
- Ms. Anurima Majumdar, Asst. Prof , ECE , GNIT and Sayan Mondal, student , ECE , GNIT participated in IEEE India COVID MOVE Online Hackathon Challenge - Edition 1. They have also participated in Edition 2 of the program.
- Mrinmoy Kar secured 1st position in E-RRADICATE 2020 - COVID-19 on 10th and 11th April 2020 organised by GNIT T & P Cell
- Shobhondeb Paul secured 8th position in E-RRADICATE 2020 - COVID-19 on 10th and 11th April 2020 organised by GNIT T & P Cell
- Winners of **Mastermind Challenge** held on **11.04.2020 (Saturday)**
1. MANAB SARKAR 2. KUSHAL GHOSH 3. SENJUTI MAZUMDAR
- Participants in **#5G Smart India Hackathon** organised by Dept. Of Telecomm ,GOI
Total 3 Groups
1.Group I:
Students :Ayon Maji , Dibyendu Paul , Atanu Kumar Bagh , Ankan Das
Project Name : Advanced Multimedia Working Process using 5G Connection

2. Group 2:
Students :Sourjyadip Sarkar , SoumenBej , Sourav Paul , Soumyajit Goswami , Sayak Paul

Project Name : Smart City

3. Group 3:

Students :Sayan Mondal , Sayan Majumder , Uddipan Chowdhury , Sayan Bhattacharya , Satish Singh

Project Name :Agreetech

- **One team from the department is selected in TOP 20 teams in 1st National Hackathon on Self-Reliance Based intelligent India Hackathon (SRIIH 2021) organised by CSI , Kolkata. The project topic is Development of an ultimate people helping set u. The team members are Romik Halder, Asmita Chakraborty, Ankita Roy, Soumyadeep Bhattacharya, Arpan Mondal, Rohit Dubey .**

❖ EXTRA CURRICULAR ACTIVITY DURING LOCKDOWN

- **Dr Sunipa Roy , HOD , ECE is invited as speaker in the International E-conference on Advanced Materials Science and Graphene Nanotechnology organised by United Research Forum,London.**
- **Dr Sunipa Roy , HOD , ECE is invited as speaker in AICTE SPONSORED SHORT TERM TRAINING PROGRAMME ON EMERGING TRENDS IN MICRO/NANO SENSOR AND ACTUATORS FOR INDUSTRIAL APPLICATION organised by SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE**
- **Mr. Koushik Pal , Asst. Prof , ECE was invited speaker on One day webinar on Digital Image processing , organised by Vignan's Institute of Management & Technology for women,Hyderabad , Telengana on 08.06.2020**
- **Mr. Koushik Roy, Asst. Prof, ECE, Participated in Digital Cultural Night on 08.05.2020**
- **Ms. Anurima Majumdar, Asst. Prof, ECE, Participated in Digital Cultural Night "Ami o Pari" on 06.06.2020**
- **Ms. Soma Boral, Asst. Prof, ECE, Participated in Digital Cultural Night v1.0 on 4.4.2020**

UNITED RESEARCH FORUM
CONNECT WITH RESEARCH WORLD

**International 3rd Conference on
ADVANCED MATERIALS SCIENCE
AND GRAPHENE
NANOTECHNOLOGY**

November 25-26, 2020 | 3rd Conference

LETTER OF INVITATION

August 20, 2020

To,
Dr. Sanjaya Ray,
Guru Nanak Institute of Technology,
Kolkata, India.

Dear Dr. Sanjaya Ray,

United Research Forum proudly invites **Dr. Sanjaya Ray** as a speaker to our "International 3rd Conference on Advanced materials science and Graphene Nanotechnology" scheduled during November 25-26, 2020.

Our organization is supporting **Dr. Sanjaya Ray** attendance as a Speaker for the conference considering, he has paid the registration fee. In this regard, on behalf of the Organizing Committee we welcome **Dr. Sanjaya Ray** to view the entire two-day event at Nano Virtual Meet 2020 on the theme "Advanced Materials Science for Innovations in Technology".

United Research Forum will offer you an unforgettable experience in exploring new opportunities.

Full Details of the attendee:
Full Name: **Dr. Sanjaya Ray**
Email: sraya@gnit.edu.in
Address: Kolkata, India

Kindly consider this opportunity and share your experience and knowledge.

We look forward to seeing you on Screen November 25-26, 2020.

With our best wishes,
JESSIE PARKER
Program Manager | Nano Virtual Meet 2020
1-75 Shelton St, Covent Garden, London WC2H 9JQ, United Kingdom
WhatsApp number: +44 742 724 9405
Contact us at: +44 744 880 8242
Email address: info@unitedresearchforum.com
Website: <https://www.unitedresearchforum.com/conference>

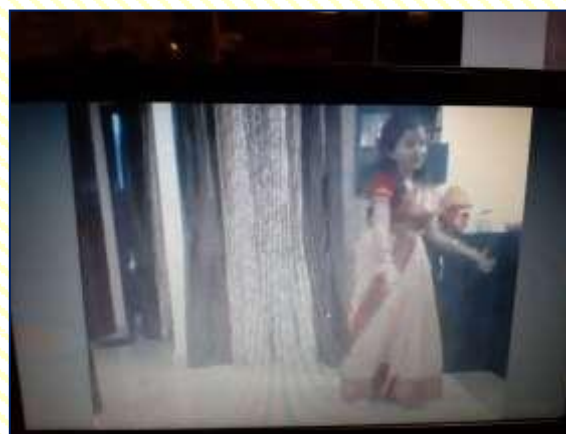


***Disclaimer:** This invitation is to attend only Nano Virtual Meet 2020

UNITED RESEARCH FORUM
1-75 WALTON STREET COVENT GARDEN, WC2H 9JQ, LONDON, ENGLAND

www.unitedresearchforum.com





❖ ALUMNI AND CURRENT STUDENT SOCIAL WORKS DURING LOCKDOWN

All the faculty members have contributed to CM and PM Fund to fight against COVID 19. They have also contributed to different social workers who are our student or alumni. They have extended their hands to help the needy during this crisis by providing them with foods , face mask , sanitiser etc. Mr. Suman Kar, Alumni , ECE who is the founder member of PRAAGATI is giving the daily foods to old and incapable people. He is working day and night with his team in his locality . Many current students are also organising such events while maintaining the protocols for COVID 19. Some of the students are also visiting slums and other backward areas with proper precaution to arise social awareness against COVID 19. Some glimpses are given below-







❖ Departmental IIC Cell

Institution Innovation Council (IIC) had been constituted in our college as per the guidelines of the Ministry of Human Resource Development Innovation Cell (MIC). The departmental IIC cell is an integrating part of the Institutional IIC cell.

The main function of the cell is -



Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators



Network with peers and national entrepreneurship development organizations



Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students



Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries

Below is a brief about the IIC cell -



Link:

<https://www.youtube.com/embed/gxqo08ld3c4?feature=oembed>

Last but not the least:

PROTECT YOURSELF THROUGH PREVENTION

In accordance with recommended infection control measures by authorities, the practice of good hygiene is one of the most effective ways to protect yourself, including:

- Staying home if you are not well
- Avoiding close contact with people that are not well
- Proper and frequent handwashing with soap and water, especially after coming into contact with public hardware such as subway poles, shopping carts, magazines, newspapers, cups, etc
- Avoiding hand contact with your eyes, nose, or mouth with unwashed hands
- Use sanitizing gels and wipes
- Coughing or sneezing into sleeve or folded arm; if a tissue is used, dispose immediately
- In gatherings; avoid hand shaking, cheek kissing or other forms of contact greetings
- Practice healthy habits such as cleaning or disinfecting surfaces, getting plenty of rest, drinking plenty of fluids, eating well, staying active and managing your stress

STAY INFORMED BY REVIEWING THE FOLLOWING WEBSITES FOR MORE INFORMATION:

[World Health Organization \(WHO\):](#) Coronavirus

Government of Canada: Travel Advice (COVID-19)

***** **END** *****