**Faculty Achievement AY 2020-21**

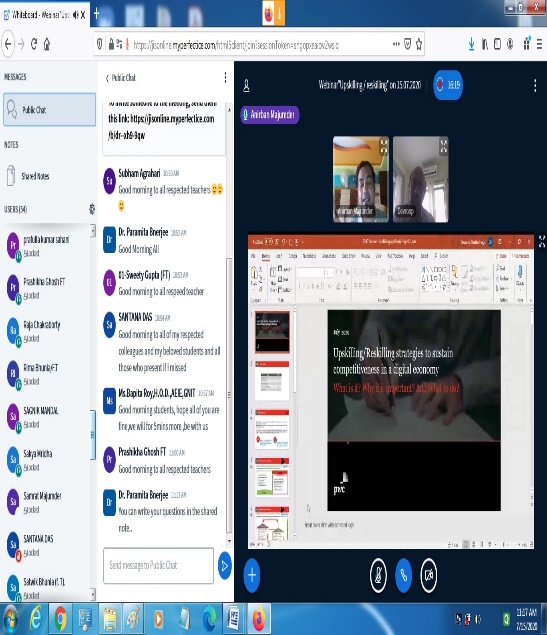
**Faculty’s achievements:**

* + - * Dr. Paramita Banerjee **successfully completed NPTEL online certification on** Digital Circuits in Elite + Silver category
      * Dr. Paramita Banerjee enrolled in Microprocessor and Microcontroller in NPTL course
      * Dr. Paramita Banerjee selected as a reviewer for **IEEE SENSORS**202020.
      * Dr. Paramita Banerjee selected as Faculty with highest number of publication- Only Indexed Journal will be considered at **JIS Samman-2021**
      * Dr. Paramita Banerjee selected as MOOC Course Developer: Subject Matter Expert Group (SMEG) of Nikhil Bharat Council for Massive Open Online Course. Objective: NBC-MOOC Free of Cost Training for Students for Socio - Economic Development.
      * Bapita Roy acted as the Coordinator of **IIRS/ ISRO** outreach network being the representative of **GNIT (Network Institute of IIRS)** and participate in the conduction of the Course ‘Satellite Photogrammetry and its application” from 29th June to 5th July 2020. Two students under her mentorship qualified this course with a good marks in all India basis.
      * Bapita Roy acted as the Coordinator of **IIRS/ ISRO** outreach network being the representative of **GNIT ( Network Institute of IIRS)** and participate in the conduction of the Course RS and GIS application" from 5th to 9th Nov 2020
      * Bapita Roy completed NPTEL Course on “Introduction to Internet of Things”
      * Bapita Roy is selected as Faculty with highest no. of Students Publication from departmentat **JIS Samman-2021**
      * Bapita Roy is selected as Best Video Lectures from Department at **JIS Samman-2021**
      * Bapita Roy is selected as MOOC Course Developer: Member of Subject Matter Expert Group(SMEG) of Nikhil Bharat Council for Massive Open Online Course.
      * Program Designed:: Industrial Instrumentation: Pressure & Flow measurement
      * Bapita Roy is awarded **Kriti 2021 for:**
      * the AICTE-AQIS grant for STTP (four phases) on “Green IoT for Green Environment”
      * Acted as the Coordinator of IIRS/ ISRO outreach network being the representative of GNIT ( Network Institute of IIRS) and participate in the conduction of the Course ‘Satellite Photogrammetry and its application”. Two students under her mentorship qualified this course with a good marks in all India basis.
      * Completed NPTEL Course on “Introduction to Internet of Things” with Elite
      * Published Patent “Agro photovoltaic system (APV) – A promising solution of land Employment along with the Renewable Energy provided by the Agricultural Division” published
      * Dr. Adhish Kr. Chakrabarty is selected as a reviewer by International Journal of Robust and Nonlinear Control **(an SCI-indexed journal published by Willy** )
      * Dr. Adhish Kr. Chakrabarty is selected as faculty with maximum no. of Patents from the Institute at **JIS Samman-2021**
      * Dr. Adhish Kr. Chakrabarty is selected as Best Video Lectures from Department at **JIS Samman-2021**
      * Dr. Adhish Kr. Chakrabarty is awarded Kriti 2021 for:
      * Patent “Dual Condenser Distillation System” granted
      * Selected as a reviewer by International Journal of Robust and Nonlinear Control (an SCI-indexed journal published by Willy )
* Suparna Maity is enrolled for PhD program in the department of Electronics & Instrumentation Engineering at National Institute of Technology, Silchar
* Suparna Maity is MOOC Course Developer: Member of Subject Matter Expert Group(SMEG) of Nikhil Bharat Council for Massive Open Online Course.
* Program Designed: Essentials of Process Control Part 1
* Suparna Maity isawarded **Kriti 2021 for:**
* Published Patent on “System Identification and Modelling Approach to Identify Diseases using EMG signal Classification” published
* Completed NPTEL Course on “Introduction to Internet of Things” with Elite
* Santana Das is MOOC Course Developer: Subject Matter Expert Group(SMEG) of Nikhil Bharat Council for Massive Open Online Course. Objective: NBC-MOOC Free of Cost Training for Students for Socio - Economic Development.
* Program Designed: Essentials of Control System: Part1
* Santana Das is awarded Kriti by GNIT for the extensive effort as the OIC under MAKAUT

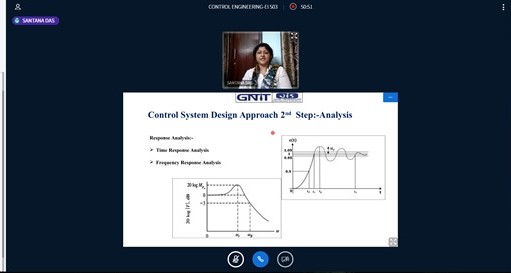
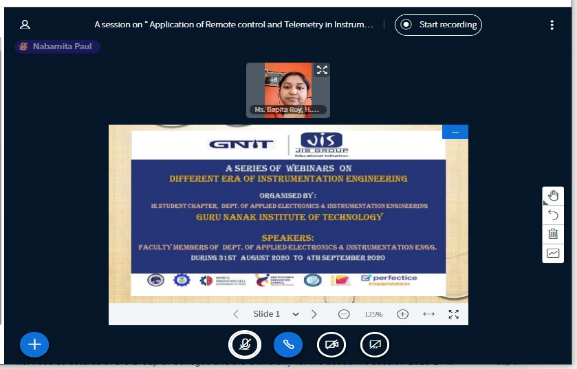
**10.Departmental events (for e.g., Industry visit, Industry mentor meet, BOS meeting pic, seminar, conference work, PTM, sports, wall magazine, newsletter and others):**

**(a)Organized:**

* A Webinar on "Upskilling / reskilling - strategy to sustain competitiveness in digital economy" organized by AEIE Department on 15TH July, 2020 where Mr. Anirban Majumder, Executive Director, Price Water house Cooopers delivered lecture. 
* A Webinar on " Application of Remote Control and Telemetry in Instrumentation Engineering" organized by AEIE Department on 30.08.2020 where Mrs. Bapita Roy, HOD, AEIE dept. delivered lecture.
* A Webinar on " SCADA and OCS " organized by AEIE Department on 1st September, 2020 where **Dr. Adhish Kumar Chakrabarty** , Assistant Professor, AEIE, GNIT delivered lecture.
* A Webinar on " Elementary Concept of the design Approach of control System

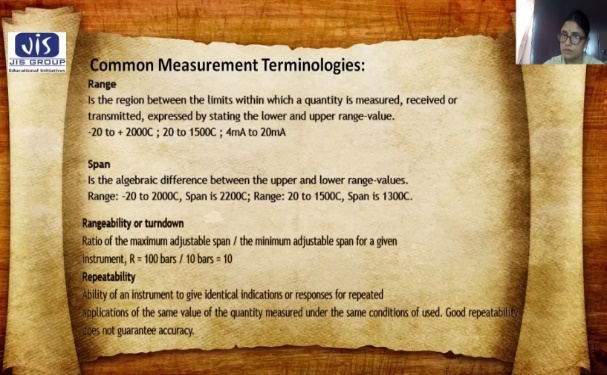
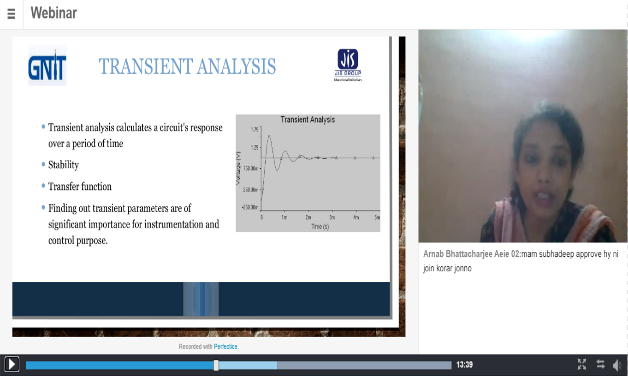
" organized by AEIE Department on 2nd September, 2020 where Mrs. Santana Das, ,Assistant Professor, AEIE, GNIT delivered lecture.

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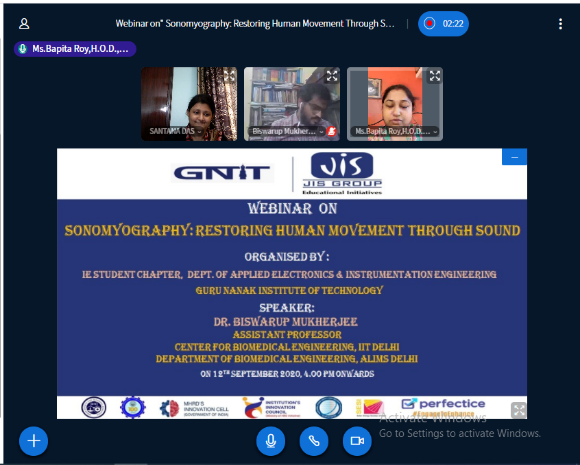
* A Webinar on "Different Measurement Systems in Instrumentation " organized by AEIE Department on 3rd September where Dr. Paramita Banerjee, Assistant Professor, AEIE, GNIT delivered lecture.
* A Webinar on " Circuit Theory-An Elemental Part of  Instrumentation Engineering

" organized by AEIE Department on 3rd September ,2020 where Mrs. Suparna Maity, Assistant Professor, AEIE, GNIT delivered lecture.

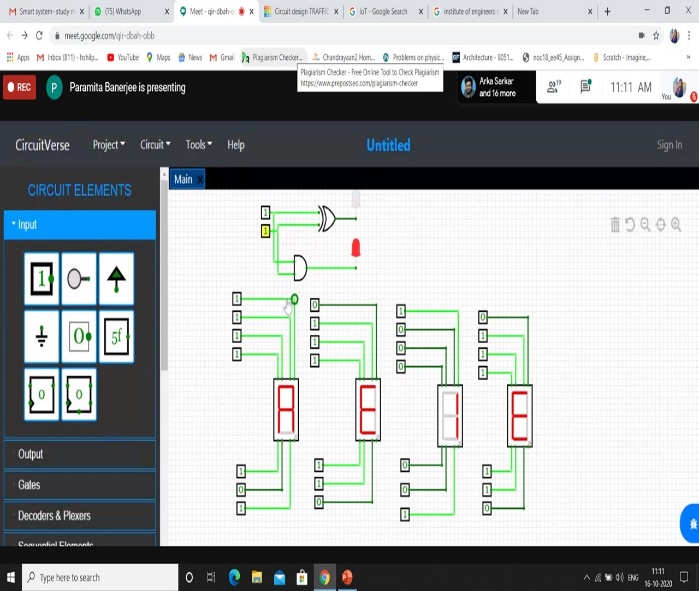
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* A Webinar on " Road to Better Employability" organised by AEIE dept, GNIT " organized by AEIE Department on 12th december, 2020 where Dr. Adhish Kumar Chakrabarty , Assistant Professor, AEIE, GNIT delivered lecture.
* An Alumni Talk **on “Sonomyography: Restoring Human Movement Through Sound”** organised by AEIE dept, GNIT " organized by AEIE Department on 12th September ,2020 where **Dr. Biswarup Mukherjee**, **Assistant Professor, ,Centre for Biomedical Engineering, IIT Delhi, Department of Biomedical Engineering, and AlIMS Delhi**

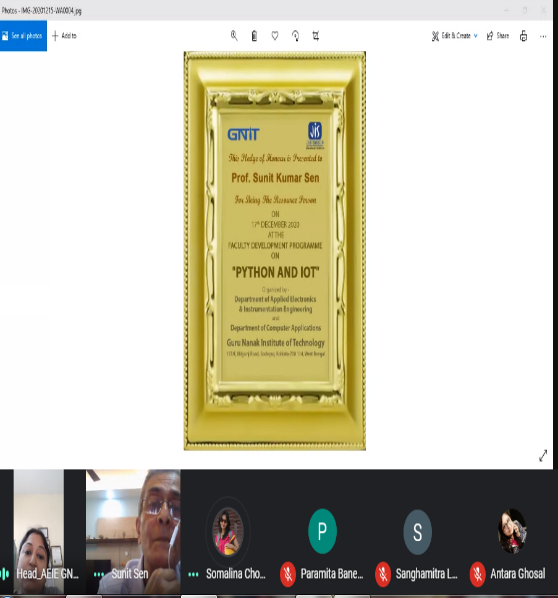
delivered lecture

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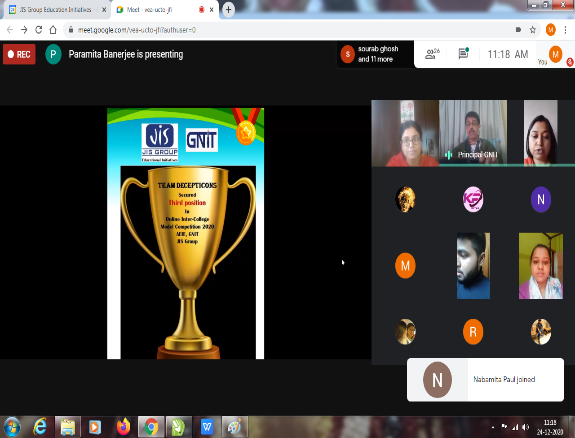
* An **Alumni Talk on “Motivational speech ”** organized by AEIE Department on 21st November ,2020 where **Mr. Bikash Dutta** , **Tech Mahindra, Senior Software Engineer**  delivered lecture
* An Online training & Admission Drive program on **“Practical Hands - on in Automation, IoT and Sensor Applications through Virtual lab experiments “,** organized by AEIE Department on 16th October ,2020

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* An Online Staff Development Prog **on MATLAB and Simulink,** organized by AEIE Department on 23rd Nov 2020 & 3rd Dec 2020 .
* A FDP on Python & IoT, organized by AEIE & CA department from 14th to 18th December 2020 where faculty Develop Program will impart the knowledge on Python and IoT and they will be acquainted with the present industry

.

* **An Online Inter College Technical Model Competetion,** organized by AEIE Department on 16th October ,2020 from 17th to 22nd February ,2021



* **An Intra-college Debate Competition,** organized by AEIE Department on 12th March ,2021 from 17th to 22nd February ,2021

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* **An Online Mock technical aptitude Test , ,** organized by AEIE Department on8th April ,2021

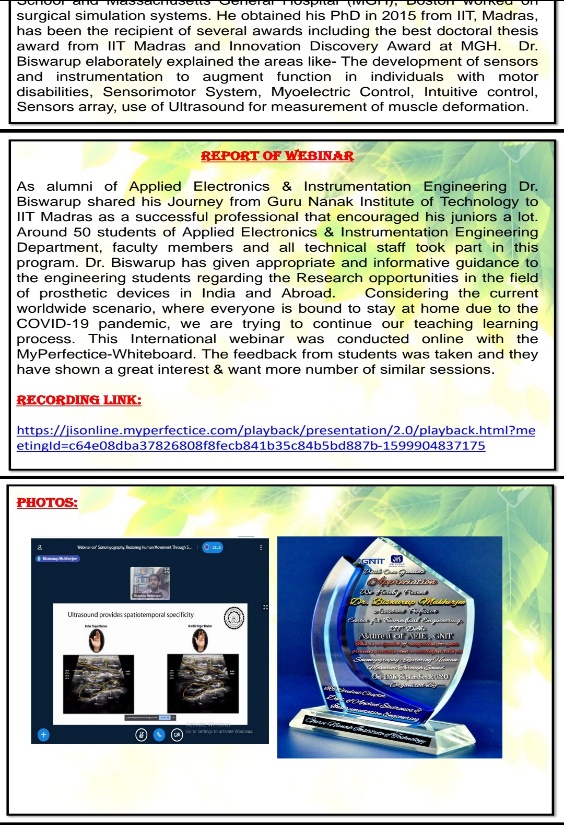
for final year students of AEIE



* **A Hands on Training on Circuit Simulation** organized by AEIE Department on21st May & 22nd May ,2021



* An Online Newsletters: **“AEIE Shines”** organized by AEIE Department for July to December 2020



* A webinar on **“Robotics for Better Life”** organized by AEIE Department on 18.06.2021(Admission Drive Program)



* A webinar on IoT for School Students organized by AEIE Department 0n 11.06.2021(Admission Drive Program)
* International Webinar On “Way To Start Entrepreneurship Journey & Find vc Funding Opportunity For Early Stage Entrepreneurs where Dr. Biswarup Ghosh

, Senior Research Investigator at University of Pennsylvania in Philadelphia, Adjunct Professor at Thomas Jefferson University East Falls Campus deliver lecture on 19 th June,2021

b. **Seminar/workshop Participated:**

**i) faculty :**

* Ms. Bapita Roy attended webinar on Upskilling / reskilling - strategy to sustain competitiveness in digital economy on 15.7.20, organized by GNIT
* Ms. Bapita Roy attended Webinar on “What may be the Best Assessment Approach for Higher Education Institutions - Online or Offline?" on 30.7.20, organized by ASSOCHAM INDIA
* Ms. Bapita Roy attended webinar on "Webinar on Dynamic Shift in Dissemination of Education for the future” on 30.7.20, organized by ABP Education
* Ms. Bapita Roy attended Webinar on “Webinar on “Machine Learning and Steganography"

" On 04-08-2020, organized by Department of Computer Science and BCA, Kharagpur College

* Ms. Bapita Roy attended webinar on "Importance of Electrical Energy Audit Confirmation" on 24-08-2020, organized by Hoiki India Pvt.Ltd
* Ms. Bapita Roy attended Webinar on "Tomorrow’s Tech for Tomorrow’s Careers: Big Data, AI, iOT and ML" on 01.09.20, organized by ABP education
* Ms. Bapita Roy attended webinar on" Western Region Presents Techno-Intelligence e-Conclave 2020 Confirmation" by ASSOCHAM 0n 10.9.21
* Ms. Bapita Roy attended Webinar-based workshop on "Increase the employability of graduates" organised by AICTE on 5.11.21
* Ms. Bapita Roy attended Webinar on " The art of creating instructional videos" on 6.11.20 by JIS group
* Ms. Bapita Roy attended webinar on “AI Transformation in Higher Education: Significance of Personalized Learning” on 10.11.20 by ASSOCHAM
* Ms. Bapita Roy attended One Week Online Workshop on "Intellectual Property Rights and Entrepreneurship Development (IPRED-2020)" organized by NIT Silchar from 1.9.20.to 5.9.20
* Ms. Bapita Roy attended webinar on Introduction to Inner Engineering on 29.12.20, organized by Isha Foundation in collaboration with GNIT
* Ms. Bapita Roy attended Workshop on Entrepreneurship Development Phases in the Next Normal on 9.12.20 organized by FT department, GNIT
* Ms. Bapita Roy attended webinar on "AI Transformation in Higher Education: Role of Faculty in Institutionalizing AI Technology on 20.01.21, organized by ASSOCHAM
* Dr. Paramita Banerjee attended webinar on Upskilling / reskilling - strategy to sustain competitiveness in digital economy on 15.7.20, organized by GNIT
* Dr. Paramita Banerjee attended Webinar on “What may be the Best Assessment Approach for Higher Education Institutions - Online or Offline?" on 30.7.20, organized by ASSOCHAM INDIA
* Dr. Paramita Banerjee attended webinar on "Webinar on Dynamic Shift in Dissemination of Education for the future” on 30.7.20, organized by ABP Education
* Dr. Paramita Banerjee attended Webinar on “Webinar on “Machine Learning and Steganography" on 04-08-2020, organized by Department of Computer Science and BCA, Kharagpur College
* Dr. Paramita Banerjee attended webinar on "Importance of Electrical Energy Audit Confirmation" on 24-08-2020, organized by Hoiki India Pvt.Ltd
* Dr. Paramita Banerjee attended webinar on " Webinar on Hioki Test Solution for Green Energy"

" on 27-08-2020, organized by Hoiki India Pvt.Ltd

* Dr. Paramita Banerjee attended webinar on " "Local Drug delivery to the Injured Cervical Spinal Cord using Engineered Hydrogel Preserves Diaphragm Function"" on 27-08-2020, organized by Hoiki India Pvt.Ltd
* Dr. Paramita Banerjee attended Webinar on Investors Protection, Education & Awareness - The Way Forward” on 8-09-2020, organized by ABP Education
* Dr. Paramita Banerjee attended AICTE-AQIS- STTP Phase 1 on “Gren IOT for Green Environent” from 19.4.21 to 24.4.21, organized by AICTE-AQIS
* Dr. Paramita Banerjee attended webinar on "Importance of Electrical Energy Audit Confirmation" on 24-08-2020, organized by Hoiki India Pvt.Ltd
* Ms. Santana Das attended webinar on Looking to the Future of Passive Components organized by KEMET COMMUNICATION, USA on 01-07-2020
* Ms. Santana Das attended webinar on “3 years of GST: Key open legal issues & points arising out of the COVID scenario” on 02-07-2020, organized by ASSOCHAM, INDIA
* Ms. Santana Das attended webinar on "Designing In Passives for Uninterruptible Power Supplies" organized by KEMET COMMUNICATION, USA on 06-07-2020
* Ms. Santana Das attended webinar on "Quest for Ph.D. - Research Matter" on 13-07-2020, organized byAlumni Association in collaboration with IIC - GNIT & MHRD
* Ms. Santana Das attended webinar on Power Conversion from AC Mains to Device - organized by KEMET COMMUNICATION, USA on 13-07-2020
* Ms. Santana Das attended Digital Transformation of Higher Education & preparing students for future job skills on15-07-2020
* Ms. Santana Das attended Leadership talk of Dr. Abhay Jere,MHRD,AICTE with Shri Anand Mahindra, Chairman Mahindra group on 18-07-2020 organized by MHRD,AICTE
* Ms. Santana Das attended the webinar on the topic Atmanirbhar Bharat – Role of Higher Education Institutions on 20-07-2020 organized by ASSOCHAM
* Ms. Santana Das attended webinar on SELF RELIANCE AND NATIONAL SECURITY EMERGING IMPERATIVE on 22-07-2020 organized by Institute of Engineers
* Ms. Santana Das attended Leadership talk of Dr.Abhay jere , chief Executive officer , IIC,MHRD with Leadership Talk with Ms. Shradha Sharma, Founder and CEO YourStory Media on 25-07-2020 organized by IIC,MHRD
* Ms. Santana Das attended the webinar on "Webinar on Annual Pump Performance Test for Fire Pumps" on 04-08-2020 organized by ASSOCHAM
* Ms. Santana Das attended the MOLECULAR BIOLOGY WEBINAR: Molecular basis of regulation of transcription by second messenger ppGpp on 06-08-2020 organized by Sathyabama Institute of Science and Technology, Chennai
* Ms. Santana Das attended the webinar on Illness to Wellness- Building Immunity Through Nutritious Food During COVID 19 on07-08-2020 organized by ASSOCHAM, INDIA
* Ms. Santana Das attended webinar on MINDISK - Let's PROGRAM a peaceful mind on 08-08-2020 organized by Techno India Education
* Ms. Santana Das attended the webinar on- "Online Education: Is an e-learning degree as valuable as a traditional degree?" on 17-08-2020 organized by ABP Education
* Ms. Santana Das attended webinar on the topic Computer Science, Computer Applications and IT organized by ABP Education on 19-08-2020 organized by ABP Education
* Ms. Santana Das attended Drones in Mineral Exploration: Analyzing its applications and integration” on24-08-2020 organized by ASSOCHAM, India
* Ms. Santana Das attended How Technology is Changing Careers in Finance: Fintech, Block chain and more on 25-08-2020 organized by ABP Education
* Ms. Santana Das attended Online National Summit HOUSING FOR ALL -AFFORDABLE AND RENTAL HOUSING: THE WAY FORWARD on 26-08-2020 organized by ASSOCHAM, India
* Ms. Santana Das attended "New Education Policy 2020 - Knowledge Series Transforming Higher Education: Structure and Processes" on 27-08-2020 organized by ASSOCHAM, India
* Ms. Santana Das attended National Vice Chancellors' Round Table: Three Emerging Careers starts 0n 28-08-2020 organized by ABP Education
* Ms. Santana Das attended Low power VLSI on 29-08-2020 organized by K.S.R College of Engineering,Tiruchengode
* Ms. Santana Das attended "sonomyography: Restoring Human Movement Through Sound " on

12-09-2020 organized by AEIE, GNIT

* Ms. Santana Das attended Moving towards a Green and Sustainable Nation, on 19-09-2020 organized by ASSOCHAM, INDIA
* Ms. Santana Das attended webinar on "Engineering Business Incubation & Entrepreneurship" on

organized by National Skill Development Forum of IEI

* Ms. Santana Das attended webinar on "The Art of Creating Instructional Videos" on 06-11-2020

organized by JIS group

* Ms. Santana Das attended webinar on Designing Drug for Coronavirus on 12-11-2020
* Ms. Suparna Maity attended Webinar on "Tomorrow’s Tech for Tomorrow’s Careers: Big Data, AI, iOT and ML" on 01.09.20 organized by ABP education
* Ms. Suparna Maity attended webinar on" Western Region Presents Techno-Intelligence e-Conclave 2020 Confirmation" by ASSOCHAM on 10.09.20 organized by ASSOCHAM
* Ms. Suparna Maity attended webinar -based workshop on "Increase the employability of graduates" organised by AICTE on 05.11.20
* Ms. Suparna Maity attended webinar on " The art of creating instructional videos" on 06.11.20
* organised by JIS Group
* Ms. Suparna Maity attended webinar on “AI Transformation in Higher Education: Significance of Personalized Learning” on 10.11.20 organised by ASSOCHAM
* Ms. Suparna Maity attended One Week Online Workshop on "Intellectual Property Rights and Entrepreneurship Development (IPRED-2020)" organized by NIT Silchar from 01.09.20 to 05.09.20
* Ms. Suparna Maity attended webinar on Introduction to Inner Engineering on 29.12.20 organised by Isha Foundation in collaboration with GNIT
* Ms. Suparna Maity attended webinar on "Road to Better Employability" organised by AEIE dept, GNIT on 12.12.20
* Ms. Suparna Maity attended Workshop on Entrepreneurship Development Phases in the Next Normal on 9.12.20 organized by FT department,GNIT
* Ms. Suparna Maity attended webinar on "AI Transformation in Higher Education: Role of Faculty in Institutionalising AI Technology on 20.01.21 organized by ASSOCHAM
* Ms. Suparna Maity attended AICTE-ISTE sponsored refresher program on “Engineering Applications of Optimization” organised by Department of Automobile Engineering,Rajiv Gandhi Govt. Polytechnic,Department of Education,Itanagar-791113, Arunachal Pradesh from 05.04.21 to 10.04.21 organized by AICTE-ISTE
* Ms. Suparna Maity attended AICTE-AQIS- STTP Phase 1 on “Gren IOT for Green Environent”

From 19.04.2021 to 24.04.2021 organized byAICTE-AQIS

* **Technical staff: Ms. Saswati Chatterjee, Ms. Nabamita Paul & Mr. Mrinmoy Dutta :**
* attended a Webinar on IoT its applications on 07/07/20 organized by

CSE GNIT

* attended a webinar on "Upskilling / reskilling - strategy to sustain competitiveness in digital economy" on 15/07/20 organized by AEIE Department.
* attended a webinar on Aatmanirbhar Bharat Role of Higher Education Institutions on 20/07/20 organized by ASSOCHAM India
* attended a Webinar on"SELF RELIANCE AND NATIONAL SECURITY EMERGING IMPERATIVES"  on 22/07/20 organized by IEI HQ
* attended a Webinar by Dr. Abhijit Chowdhury on COVID 19 On 05/08/20 organized by JIS group
* attended a Webinar on “The Current Global Crisis & Food Safety” On 07/08/20 cMitra SK Pvt. Ltd.
* attended a FDP: Tracing the contours of new normal :Post Covid -19 From 11/08/20 to 16/08/20 organized by ASHU,FT&BHM
* attended a Webinar on”Bengal Education Leaders’ Summit with education minister Partha Chatterjee: Is Higher Education in Bengal today geared for Careers of Tomorrow?” On 12/08/20 organized by ABP Education
* attended a Webinar on Hioki test solution for Green Energy on 16.08.2020 organized by Hioki test solution
* attended a webinar on the ‘National Education Policy 2020’on 17.08.2020 organized by FICCI
* attended a Webinar on Data Science and Artificial Intelligence: Revolutions for Present and Future on 22.08.2020 organized by The Neotia University (TNU), Kolkata
* attended a webinar on Role of Private Equity during Pandemic: Challenges & Opportunities starts in 1 Hour on 25/08/20 organized by ASSOCHAM INDIA
* attended a International Webinar on "Local Drug delivery to the Injured Cervical Spinal Cord using Engineered Hydrogel Preserves Diaphragm Function" on 27/08/20 organized by AEIE Department
* attended a Webinar on e-counselling on 27/08/20 organized by ABP education
* attended a Webinar: "Energy Performance Contracting (EPC): India's Economy Booster Post COVID19" on 28/08/20 organized by ASSOCHAM India
* attended a AICTE Sponsored Short Term Training Programme (Phase-II) on "Recent Trends in Internet of Things (IoT) and Embedded System Based Monitoring and Control of Distributed Generation." from 24/08/20 to 29/09/20 organized by AICTE
* attended a Webinar: Energy Audits in Mixed Use Buildings on 09/09/20 organized by HOIKI
* attended a webinar on " Sonomyography: Restoring Human Movement Through Sound” on 12/09/20 organized by AEIE Department
* attended a webinar-based workshop on ‘Employability of graduates. On 5/11/20
* attended a Webinar on “Embedded systems and Robotics” on 25/11//20

organized by AEIE Department

* **Publication:**
  1. **Faculty and staff:**

International Journal: 8

* 1. **Student:**

International Journal: 1

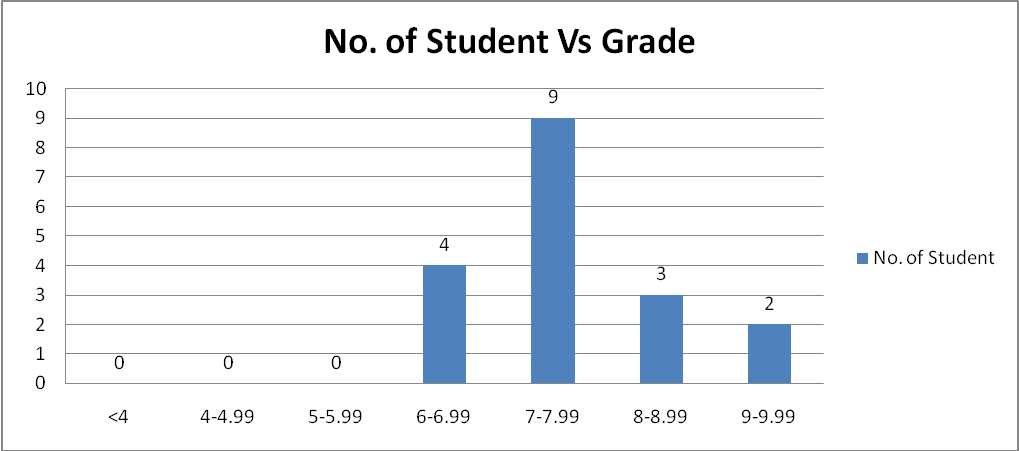
International Conference: 8

1. **Result (Bar Chart):**

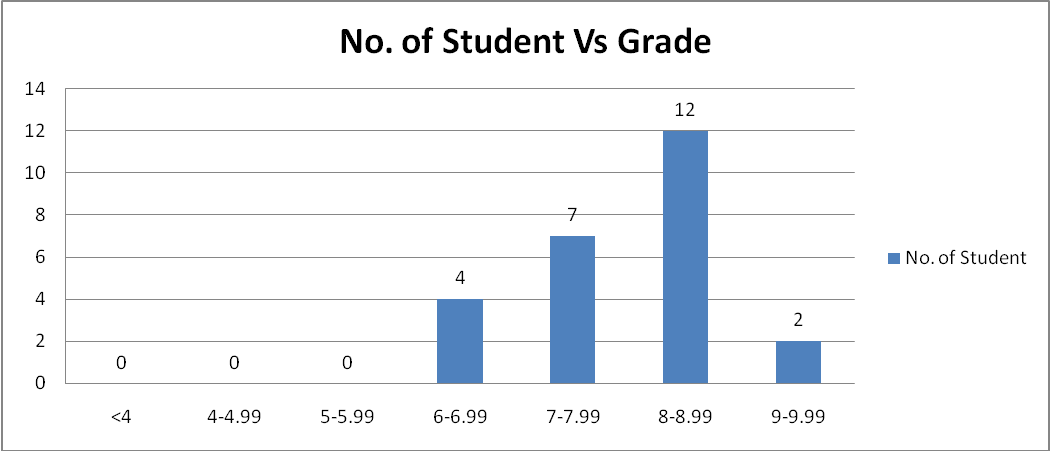
SGPA WISE RESULT ANALYSIS (CSE) AY 2020-21

**2020-21 ODD SEM:**

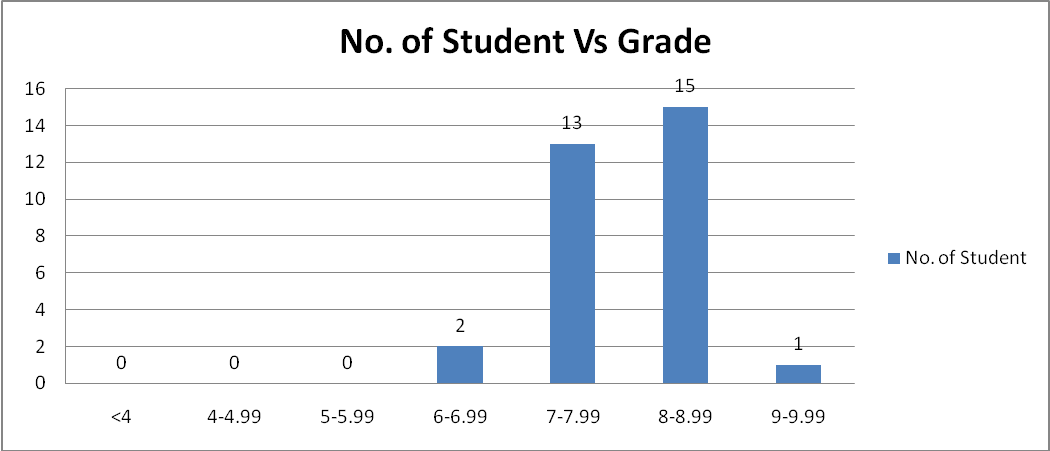
**3rd Semester:**



**5th Semester:**

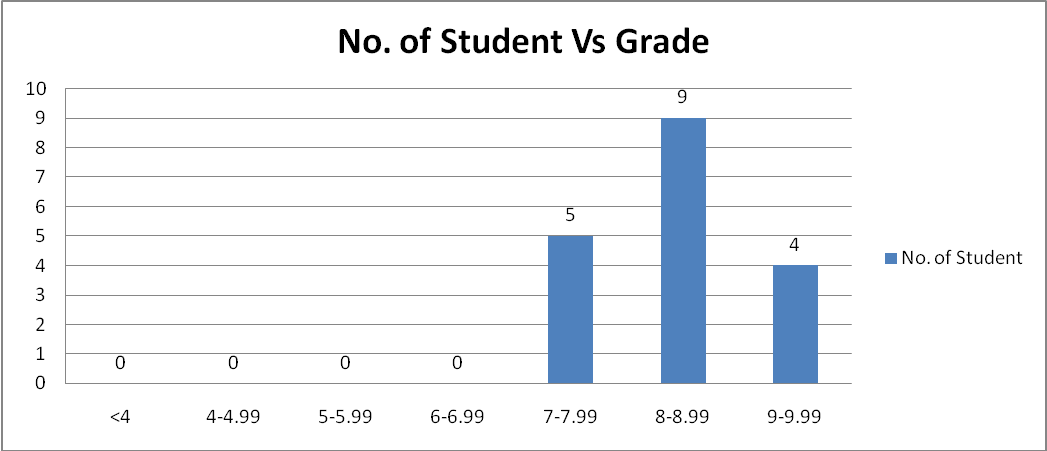


**7th Semester:**

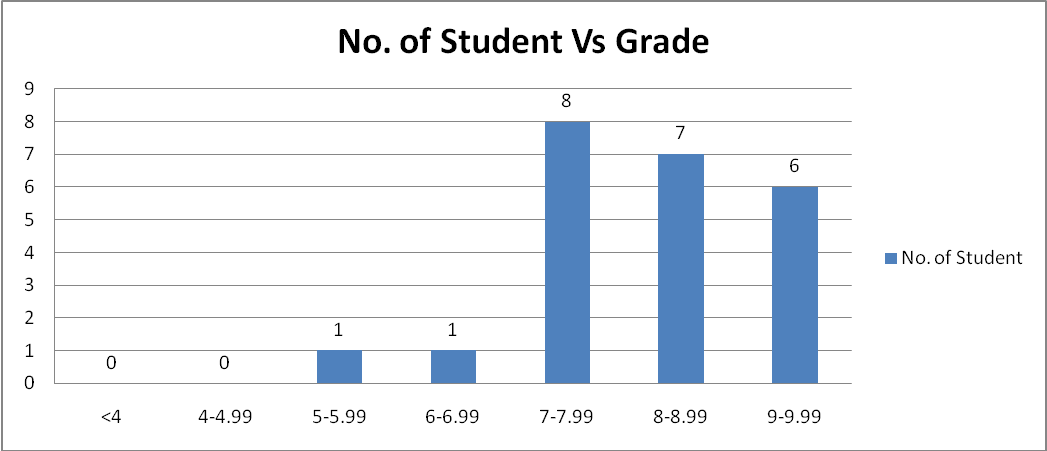
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**2020-21 EVEN SEM:**

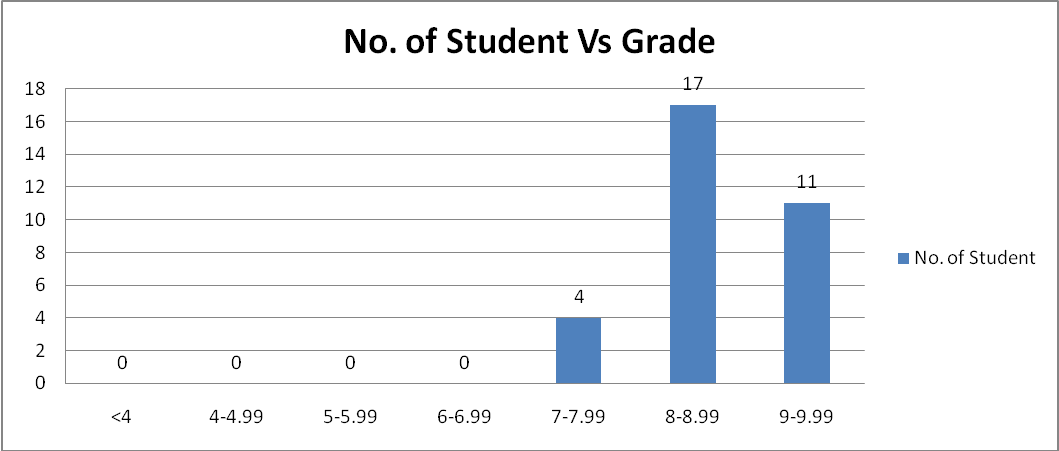
**4th Semester:**



**6th Semester:**



**8th Semester:**



1. 2020-21- **Placement and higher studies (Bar chart):-**

|  |  |  |  |
| --- | --- | --- | --- |
| Total student | Student Placed | Higher Study | Entrepreneurship |
| 32 | 9 | 6 | 2 |