

EVENTS

Organized by JIS College of Engineering (2019-2020 Academic Year)

Institutional Events

Sl.	Name of the Activity	Date	Participants	Organized by	Programming Highlights/ Objective
01	Educamp @ AIT, Thailand	01.07.19 to 15.07.19	20 students from Final Year	JIS Group	Internship abroad program
02	Water Conservation Program	12.07.19	1 st & 2 nd Year Students	JISCE	To conserve water
03	Pre Placement Talk by Capgemini	15.07.19	Final Year Students	JISCE	Capgemini highlighted the entire recruitment process and gave a brief introduction about the company profile.
04	Jal Shakti Abhiyan	22.07.19	Students	JISCE	To conserve water and



Sl.	Name of the Activity	Date	Participants	Organized by	Programming Highlights/ Objective
05	Induction Program	01.08.19 to 22.08.19	1 st Year Students	JISCE	To make the students feel comfortable in their new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature.



Sl.	Name of the Activity	Date	Participants	Organized by	Programming Highlights/ Objective
06	Independence Day	15.08.2019	NCC	JISCE	To generate a patriotic mood, promote the rich cultural diversity of the country
07	Grooming Session for Boys	30.08.2019	Final & Pre - Final Year	JISCE	To highlight the importance of proper grooming in cracking the interview.
08	Parents Teachers Meet	29.02.2019	252	JISCE	To share the overall performance for achieving excellence in career development



Sl.	Name of the Activity	Date	Participants	Organized by	Programming Highlights/ Objective
09	Foundation Day	01/09/2019	Students, Faculties & Staff Members	JISCE	Celebration of 19 th Foundation Day. 500 trees were planted followed by walkathon in the streets of Kalyani.
10	Vishwakarma Puja	18/09/2019	Students, Faculties & Staff Members	JISCE	Vishwakarma Puja Celebrations
11	Pre Diwali Celebration	25/10/2019	Housekeeping Staffs & Alumni	Alumni Association of JISCE	Felicitation of housekeeping staff
12	GuruNanak Jayanti	11/11/2019	Students, Faculties & Staff Members	JISCE	550 th Birth Anniversary celebration followed by Langar for all.
13	Parents Teachers Meet	09/11/2019	Parents & Guardians	JISCE	To share the overall performance for achieving excellence in career development



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14	Alumni Meet	18.01.2020	307	Alumni Association, JISCE	To foster a sense of community among alumni & supporting a sense of connectedness back to the institution.
15	Annual Sports	25.01.2020	376	JISCE	Tribute to respected Babuji – Sardar Jodh Singh Ji & to fulfill the objective of sportsmanship, fair play, teamwork, respect
16	Republic Day	26.01.2020	125	NCC, JISCE	To generate a patriotic mood, promote the rich cultural diversity of the country



Sl. No.	Name of the Activity	Date	Participants	Organized by	Programming Highlights/ Objective
17	Workshop on Professional Development	03.02.20	323	JISCE	To develop professional attributes among budding engineers.
18	4 th Degree Award Ceremony	08.02.20	630	JISCE	Degree Award Distribution Ceremony for Class of 2019



AICTE sponsored Short Term Training Programme
on
Environmental Crisis & Sustainable Development

Duration : 2nd to 7th September, 2019



International Conference on Non Conventional Energy



ICNNEE 2019 – 18th – 19th October 2019

AICTE sponsored Avant-garde theoretical modelling and state of the art experimental techniques on Nano-electronic Devices



International Conference on Industry Interactive Innovation in Science, Engineering and Technology (I3SET2K19)





Departmental Events

IT					
Name of Visitor / Guest Speaker	Designation/ Occupation	Seminar/ Workshop/ Conference Topic	Total Participant	Date	Sponsored by
Mr. Soumya Kanti Chakraborty Mr. Soutrik Chatterjee Ms. Poulomi Paul Mr. Sabyasachi Sen Mr. Soumyadeep Dutta	Senior Associate, CTS Assistant Manager (IT), WBPDC IT Analyst, Tata Consultancy Services Ltd Senior Consultant, Price Waterhouse Coopers Pvt. Ltd Associate, Cognizant Technology Solutions.	Seminar on “Recent Trends in Information Technology”	190 students (IT-BCA)	31.08.2019	JISCE
Mr. Suman Kumar Das	Software Engineer, Zensar Technology	Seminar on Block Chain & Ethical Hacking	61 students (IT-BCA)	05.09.2019	JISCE
Mr. Pramit Mitra	Data Platform Engineer, E-Bay (USA)	One Day Seminar on Cloud Computing	60 Students (IT-BCA)	25.10.2019	JISCE
IT2nd Year Students, JISCE	Students	Ethical Hacking, Cyber Security	35	21.10.2019	JISCE
Sayan Mitra	Associate in Accenture	Expert Lecture	Students (IT-BCA)	04.02.2020	
Mr. Sunava Neogi Ms. Sutapa Bose Mr. Abhijit Mishra Mr. Suman Kumar Das Mr. Maharnab Gupta	IT-Analyst-TCS Team Lead- CTS Associate Consultant- Capgemini S/W Engineer, Zensar Tech. Senior Consultant-PWC	One Day Seminar on Recent Trends in IT	167 Students (IT-BCA)	15.02.2020	



EE					
Name of Visitor / Guest Speaker	Designation/ Occupation	Seminar/ Workshop/ Conference Topic	Total Participant	Date	Sponsored by
Mr. Snehatosh Majumder Mrs. Soma Chakraborty Mr. Bikramjit Mallick Mr. Abhishek Mitra	Vice President (Works), Vikram India Ltd. Ex. SIEMENS ATC SIEMENS INDIA Director, Elsignal Automation	AICTE Sponsored Short Time Training Program (STTP) On Industrial Automation	55	20 TH - 27 TH January 2020	AICTE
Mr. Subarna Kanti Das Dr. Soumitra Mukhopadhyay Mrs. Ruby Sengupta Mr. Abakash Das	Manager - Instrumentation, ITC Ltd, PSPD Manager, Quality Control, Doosan Power Systems. Ex. Danieli Sr. Manager Sr. Automation Engineer (Project), Premium Industrial Solutions Pvt.Ltd.	AICTE Sponsored Short Time Training Program (STTP) On Industrial Automation	55	20 TH - 27 TH January 2020	AICTE
Mr. Basudeb Shakhari Mr. Majhi Mr. Rahul Sarkar	Manager, DIC, Nadia Asst. Director, MSME – DI Govt. India Asst. Director, EDI Kolkata	Entrepreneurship Awareness Camp	91	27-29th January 2020	DST –NIMAT Govt. India
Mr. Partha Roy	Faculty	Crash Course for GATE 2020	30	21st Dec- 22nd January 2020	JISCE

CSE					
Name of Visitor / Guest Speaker	Designation/ Occupation	Seminar/ Workshop/ Conference Topic	Total Participant	Date	Sponsored by
Mr. Santanu Mukherjee and Mr. Somesh Sarkar	Senior Project Manager	Workshop On Data Analytics	55	31.08.2019	Nil
Mr. Rajen Chateri	The Skill Priority	Big Data Training	43	24.06.2019- 07.07.2019	Nil
Mr. Sourav Ghosh	Ogma Tech Pvt Limtted	PHP with My SQL	25	24.06.2019- 07.07.2019	Nil



CE					
Name of Visitor / Guest Speaker	Designation/ Occupation	Seminar/ Workshop/ Conference Topic	Total Participant	Date	Sponsored by
1. Dr. Sandipan Nath Thakur 2. Mr. Satish Kumar Mahato	Assistant Professor, Department of Civil Engineering,, UIT Burdwan	Introduction To Composite Material & New Trend On Rigid Pavement Design	60	24.08.19	JISCE

ME			
Name, Designation & Department	Seminar/ Workshop/ Conference	Report submission Date	Sponsored by
Dr. Sandip Ghosh	2nd International Conference on Mechanical Materials and Renewable Energy (ICMMRE - 2019)	-	Sikkim Manipal Institute
Dr. Sandip Ghosh	Industry Interactive Innovations in Science, Engineering and Technology 2K19	16/12/19	AICTE
Dr. P. K. Bardhan	Industry Interactive Innovations in Science, Engineering and Technology 2K19	16/12/19	AICTE
Mr. Bikash C. Bhunia	Industry Interactive Innovations in Science, Engineering and Technology 2K19	16/12/19	AICTE

ECE					
Name of Visitor / Guest Speaker	Designation/ Occupation	Seminar/ Workshop/ Conference Topic	Total Participant	Date	Sponsored by
Dr. Malay R. Dave, Dr. Sila Singh Ghosh, Dr. Sabyasachi Sen, Dr. Papun Biswas, Mr. Jit Chakraborty, Mr. Kaustav Das,	Principal, JISCE Registrar, JISCE and VP Corporate Relations-JIS Group Dean R&d and HoD Physics, JISCE Dean Innovative Learnings and HoD EE, JISCE HoD Chemistry, JISCE AP, CE, JISCE	Three Days FDP on Digital Pedagogy	85	January 2-4, 2020	JISCE

CMS						
Dept.	Name of Visitor / Guest Speaker	Designation/ Occupation	Seminar/ Workshop/ Conference Topic	Total Participant	Date	Sponsored by
CMS	Mr. Amar Banerjee	Technical Director, Oigma TechLab	Workshop On Digital Marketing	40	13-11-2019	JISCE



BME					
Name of Visitor / Guest Speaker	Designation/ Occupation	Seminar/ Workshop/ Conference Topic	Total Participant	Date	Sponsored by
Mr. Firoz Ahmed	Asst. Director MSME-DI, Kolkata, M/o MSME, Govt. of India	National Level Awareness Programme (NLAP-2020) on entrepreneurship/ incubation.	40	26.02.2020	MSME in association with JISCE
Dr. Mrinal Kanti Musib	Sr. Lecturer, National University of Singapore	International Seminar on Medical Device Safety & Regulation	80	21.01.2020	JISCE
DR. ANWESHA KHASNOBISH (Alumnus-2009 Batch)	Scientist-TCS Research & Innovations	Bio-signals and Systems: Pragmatic Implementations” (BSSPI-2019)	B.Tech. BME 2 nd , 3 rd and 4 th Year Students (80)	22.10.2019	JISCE
DR. SUDIP PAUL	Professor BME DEPARTMENT NEHU-SHILLONG	“Advancements in Biomedical Instrumentation and its Application in Healthcare for Benefit of Mankind” (ABIAHBM-2019)	B.Tech. BME 2 nd , 3 rd and 4 th Year Students (80)	26.07.2019	JISCE

ASHU						
Name of Visitor / Guest Speaker	Designation/ Occupation	Seminar/ Workshop/ Conference Topic	Total Participant	Date	Sponsored by	Cost (in Rs.)
Dr.Sabyasachi Sen	Associate Professor	Flipped Learning Workshop for 1 st year students	30	13-14 th Aug	JISCE	NIL
Rupak Bhattacharjee	Assistant Professor	Flipped Learning Workshop for 1 st year students	30	13-14 th Aug	JISCE	NIL
Jit Chakraborty	Assistant Professor	Flipped Learning Workshop for 1 st year students	30	13-14 th Aug	JISCE	NIL
Ananya Barman	Assistant Professor	Flipped Learning Workshop for 1 st year students	30	13-14 th Aug	JISCE	NIL
Tanmoy Dutta	Assistant Professor	Flipped Learning Workshop for 1 st year students	30	13-14 th Aug	JISCE	NIL
Dr. Hirak Chaudhuri et al.	Assistant Professor	Short Term Training Programme on Environmental Crisis & Sustainable Development	65	02-07 Sep	AICTE	3,18,000/-
Prof. Rajive Kumar, Prof. Gionne	Professor	International Conference on	250	13-14 Dec	JISCE	8,47,397/-



Marcheti et al. Prof. Alexi Nazarov Prof. M. K. Musib Prof. S. Bhattacharya Prof. S. Goswami (total 18 invitee)		Industry Interactive Innovation in Science, Engineering and Technology (I3SET2K19)				
Dr. A.P. Chattopadhyay et al. Prof. Monoj Mitra, Prof. K. K. Chatterjee (total 13 invitee)	Professor	AICTE sponsored Avant-garde theoretical modelling and state of the art experimental techniques on Nano-electronic Devices	60	10-20 Dec	AICTE	1,35,600/-

List of Webinar Organized by JISCE since 18th March, 2020

Sl.	Name of the Webinar	Organized by	Speaker Name/ Organisation Name	Date
1	International Webinar on "Role of the Educators during COVID-19 situation"	JISCE	Prof. Ajay Kumar Ray, IEST, Shibpur Dr. Manpreet Manna, Former Director at AICTE, Dr Mukesh Kumar, Professor, Cambridge University, UK	13.04.2020
2	Impact of COVID 19 - Expected changes in the nature of Job	JISCE	Mr. Anil Kariwala, Kariwala Group of Companies, Mr. Indubhushan Chakraborty, India Power	22.04.2020
3	Students Preparedness in Post COVID 19 Scenario	JISCE	Prof. Rajive Kumar, Member Secretary, AICTE	24.04.2020
4	Global Opportunities	JISCE	Alamo University	27.04.2020
5	Re explore Your Position in Post COVID 19 Ballgame	JISCE	Prof. Dileep Malkhade, AdviserI, AICTE	28.04.2020
6	National Webinar on Education Roadmap for a New Tomorrow	JISCE	Dr. Anil Sahasrabudhe, Chairman AICTE	29.04.2020
7	Changes in Employers Expectation post Covid 19	JISCE	Mr. Sivakumar Veerappan, Creatrix Campus/Anubhavam & Mr. Subhopati Sanyal, Nistula Group	01.05.2020
8	Understanding the upcoming New Normal as impacted by Covid 19	JISCE	Mr. Shrikant Bomma, Technical Director, Quadgen Wireless	09.05.2020
9	Webinar on "Gearing up for Post COVID 19 era: Challenges and Opportunities"	JISCE	Mr. Sekhar GN, GM-HR, Biesse India	16.05.2020
10	Webinar on "The New Normal - How to face the upcoming challenges"	JISCE	Mr. Manish Gaur, GM-HR, L&T Heavy Engineering Ltd.	29.05.2020
11	IIPC-Upgrade your resume writing & interview skills	JISCE	Mr. Nilanjan Mukherjee, DGM HR, Relaxo Footwears Ltd.	31.05.2020
12	Future in BIM Industry	JISCE	Ms. Sudeshna Pal, Manager HR, Pinnacle Infotech Solutions Pvt. Ltd.	01.06.2020



13	Workshop on Python Programming towards the Aim of ransformation on Future Employment Scenario	ECE	Mr.Tunir Saha, Founder of Skubotics, currently a Senior Software Engineer at Bridgera LLC, Kolkata.	30.03.2020
14	Peer Learning Webinar "Introductory on C Programming "	ECE	Suvratanu Saha & Tanmoy Ghosh	04.04.2020 - 05.04.2020
15	National Level "E-RRADICATE" (COVID19 IDEA CHALLENGE) under IEI Students Chapter. ECE Dept. JISCE	ECE	Dr. Ali Director , IEI Dr. Partha Sarkar, Principal , JISCE	10.04.2020 - 11.04.2020
16	Coding on Core JAVA	ECE	Mr.Abhishek Ranjan Jha, CTS Dig Data Section	19.04.2020
17	Virtually Project Compose on Data Science & Machine Learning towards Online Internship	ECE	Sayantan Chakraborty, Technical Consultant , Indian Engineering Teachers Association & Association of Training Placement Officer (Govt. of WB Registered Civil Society Organization) as	23.04.20- 24.04.20
18	Webinar on "Oppertunities in Internship"	ECE	Sattawma Basu,ISP & Imran Roshan,ISP	
19	Webniar on " Industrial Electronics, Advance Communication & Control System "	ECE	Faculty member of ECE Department, JISCE	14.05.2020
20	Molecular Imaging Technique	BME	Peer Learning conducted by Himali Barman, Student of B. Tech BME 4th Year, JISCE	05.04.2020
21	Assistive Respiratory Device to Fight COVID-19	BME	Mr. Durbadal Biswas, Consultant Biomedical Engineer	08.04.2020
22	Methodologies Employed for Detection of Novel Corona Virus	BME	Peer Learning conducted by Swastik Barat, Student of B. Tech BME 4th Year, JISCE	10.04.2020
23	Indias's Sanitation Mission & its Relevance in Present COVID-19 Pandemic	BME	Dr. Rajarshi Banerjee (AVP-R&D),Banka BioLoo	12.04.2020
24	HEALTHBOT-VOICEBOT FOR COVID-19: AWARENESS & PREVENTING FAKE NEWS	BME	Mr. Souva Majumder (Project Coordinator Architech of VOICEBOT on COVID-19)	17.04.2020
25	Intra-Department Quiz Competition	BME	BME Final Year Students	18.04.2020
26	Art Therapy for Stress Management	BME	Peer Learning conducted by Sujata Dey, Student of B.Tech BME 4th Year, JISCE	20.04.2020
27	Music as Medicine	BME	Peer Learning conducted by Debalina Bhaumik, Student of B. Tech BME 4th Year,	25.04.2020



			JISCE	
28	Five Weeks in Managing Stress In the Time of COVID 19	BME	Ms. Parmeet Soni, Clinical Psychologist, Consultant at Mental Health Foundation & St. Xavier's College, Kolkata	30.04.2020
29	Research and Innovation: A Biomedical Engineer's Perspective	BME	Dr. Anwesha Khasnobish, Scientists- Research and Innovation, TCS Kolkata	09.05.2020
30	Ethical Hacking	CSE	Mr. Soumya Raha, Ardent Computech Pvt. Ltd.	05.04.2020
31	Data Analytics	CSE	Mr. Mukul Basu, GlobNet Systems	08.04.2020
32	Recent Trends in IT Industry	CSE	1. Mr.Suvam Sinha, Senior Application Developer at Bank of New York, 2.Mr.Raktim Ghosh, Senior Software Engineer at Bank of America, 3.Mr.Subhosmit Choudhury, Senior Software Engineer at Union Bank of Switzerland (UBS),	10.04.2020
33	Machine Learning with Cloud Technologies	CSE	Mr. Victor Mukherjee, DigiMind	11.04.2020
34	Industry Expectation from Engineering Graduates Studetns	CSE	Mr. Pawan Kumar Singh , Sr. Advance Software Architect, Honeywel Technology Solution Labl	20.04.2020
35	Recent Trends and opportunities in IT Industry	CSE	Senior Developer , Microsoft	19.04.2020
36	Stress Management	CSE	Ms. Priya Kantam, Art of Living	18.04.2020
37	Webinar to Diploma students about the opportunity for higher Study	CSE	Departmet Faculties	23.04.2020
38	National Webinar on 'As you Sow, So shall you Reap'	CSE	Shri Venugopal Lakshmpuram, International Motivational Speaker	25.04.2020
39	Webinar on "How to prepare for GATE Exam"	CSE	Miss Sweta Shaw , Pursuing M.Tech, IIT Bombay, Alumnus 2016	24.04.2020
40	Recent Trends in Cyber Security & Blockchain	CSE	Dr. Ditipriya Sinha (Asst. Professor, NIT Patna)	29.04.2020
41	Peer Learning	CSE	Sattik Das, Raju Sharma, Ravi Raj Bandhu, Anshu Kumar Shandilya, Gaurav Keshari, Aquib Jawed, Arghya Bhowmik.	21.04.2020
42	You need to know more: Some Investigations in Aspect based Sentiment Analysis	CSE	Dr. Asif Ekbal, Associate Professor, CSE Dept., IIT Patna	05.05.2020
43	National Webinar on 'CORONA: The Other Facts	CSE	Dr. Dipankar Ghosh	07.05.2020
44	Webinar on Software Engineering	CSE	Sumanta Chatterjee, AP, JISCE	07.05.2020
45	A National level webinar on "Career Opportunities	CSE	Mr. Sukanta Sharma (Senior Software Engineer at Odessa Technologies and Alumnus 2015 of	09.05.2020



	for B.Tech Students”		CSE Dept)	
46	"Realization of Client Server Process by Amalgamating Computer Network & Web Technology" for Diploma Students	CSE	Sudipta Sahana, AP, JISCE	12.05.2020
47	Two-Day National Workshop on "Time Series Analysis and Distributed Computing" (First Sessin)	CSE	Mr. Sayantan Chakraborty, Technical Consultant	14.05.2020 - 15.05.2020
48	National Webinar on "Web Development using MERN Stack	CSE	Rajan Chhetri, Technical Consultant , Skill Priority Eduaction	12.05.2020
49	AWS Cloud Basic Architecture	CSE	Mr.Biswanath Mondal, Cloud Architect at Tata Consultancy Service	16.05.2020
50	webinar on "Art of Self - Motivation, Career path and role of passion"	CSE	Mr. Sohan Goswami, Alumnus 2011 of CSE dept.	31.05.2020
51	Internet of Things (IoT) and its Application in Electrical Engineering	EE	Soumya Raha and Team, ARDENT	07.04.2020 9
52	Industry Needs and Latest Scenario in Electrical Industry	EE	Mr. Indrajit Sengupta, L&T	08.04.2020
53	PLC (Industry Automation)	EE	Team Ardent	11.04.2020
54	E-CAD	EE	Mr. Soumya Raha and Team, ARDENT	15.04.2020
55	Business Model Canvas	EE	Mr. Subham Das & Ms. Mandira Karmakar	17.04.2020
56	Sensors & Actuators used in Industrial Automation	EE	Mr. Asim Kumar Mandal, Microsoft, Hyderabad	18.04.2020
57	Lightening Applications & Scope	EE	Mr. Debarka Sarkar, Assistant Manager. in Philips Lighting India Ltd	20.04.2020
58	Modern Perspective of Renewable Energy in India	EE	Dr. Soumitra Mukhopadhyay Manager, Quality Control in Doosans Power Systems	23.04.2020
59	Current Situation in Global IT Industry	EE	Mr. Mayukh Mukherjee (2009-2013 Batch), Product Specialist Technical in Cognizant Technology Solutions	25.04.2020
60	Need of Measurement & Instrumentation in Industry	EE	Mr. Subarna Kanti Das, Manager- Instrumentation in ITC Limited	26.04.2020
61	Core Industry Requirement After Electrical	EE	Mr. Arup Kumar Mandal (2012 - 2016 Batch) Senior Executive(Automation Department) in Emami Agrotech Ltd	27.04.2020



	Engineering			
62	Scope of Electrical Engineers in Operation Management	EE	Mr. Sudip Mukherjee, Manager in All India Order Management, Marico Ltd.	28.04.2020
63	Opportunities in Coal Field for Engineers	EE	Mr. Soumyajit Lahiri, Quality control Manager, JMS Mining Pvt. LTD	04.05.2020
64	AMI and Importance of AMI	EE	Mr. Subir Mazumder, Manager, Cyanconnode AMI solutions	06.05.2020
65	Basics of Thermal Power Plant	EE	Mr. Gopal Ghoshal, Sr. Asst. Engineer, CESC LTD	13.05.2020
66	International Workshop on Generation and Load balance for Integration of Renewable energy into Grid	EE	Dr. Rajesh Panda, Mr. Katlego Letlhake, Dr. Debdeep Saha, Mr. Tefo Mokhine, Dr. Subhojit Dawn, Mr. Sudhangshu Ranajan	06.05.2020 - 10.05.2020
67	Managing Money in Uncertain Times	EE	Sougata Basu, Founder - Cashrich	20.05.2020
68	PHP with Angular JS	IT	TechTree Technologies	03.04.2020
69	ERP in Modern IT Industry	IT	Mr. Sayan Maitra, Team Lead- SAP MM & ARIBA Consultant, Accenture, Mumbai.	07.04.2020
70	Industry Automation - Need of the Hour- Covid19	IT	Mr. Sourav Majumder, Senior Project Manager, Wipro Technology Limited, Kolkata	08.04.2020
71	Oracle Autonomous Database	IT	Mr. Biswajit Chatterjee, Assistant Consultant, Tata Consultancy Services Limited, Kolkata.	09.04.2020
72	Dockers	IT	Mr. Vikramjit Saha, Associate Consultant, Tata Consultancy Services, SouthAfrica	10.04.2020
73	Containerization of Database	IT	Mr. Pramit Mitra, Senior Data Engineer, ORACLE, Seattle, Washington, USA	11.04.2020
74	Container Database	IT	Mr. Gaurav De, Senior Software Engineer, VMWare, Toronto, Canada	12.04.2020
75	Functional Programming in Clojure - 101	IT	Mr. Gautam Roy, Senior Software Engineer, Functional Programmer, Brainsfeed Limited	13.04.2020
76	MS SharePoint--Power Platform	IT	Mr. Tanay Karmakar, Technology Lead, Infosys Technology Limited	15.04.2020
77	Azure Cloud	IT	Mr. Shuvrajoti Debroy, Azure Developer, Vubiquity, Data Engineer, Amdocs, Cyprus, European Union	16.04.2020
78	Doctor's Corner: COVID-19	IT	Prof. (Dr.) Ramanuj Sinha, Professor, Department of E.N.T, Medical College Kolkata	17.04.2020
79	Cloud Architecture- Microservices Architecture	IT	Mr. Anirban Mukherjee, Senior IT Architect, IBM	18.04.2020
80	Software Engineering and Agile, Recent needs of IT Industry	IT	Mr. Sandip Chatterjee, Business and Integration Arch Manager, Accenture, United Kingdom	19.04.2020
81	A Practitioner's Approach - How to Engineer Quality into Software Products	IT	Mr. Alip Chattopadhyay, Global Practice Manager - Quality Engineering, Ascendum Solutions, USA	21.04.2020
82	Main Frame Systems	IT	Mr. Subnhas Rychowdhury, Assistant Consultant, Tata Consultancy Services, Netherland	26.04.2020
83	A Guide to Software	IT	Ms. Priyanka Sen, Senior Consultant,	



	Lifecycle		Cognizant Technology Solution, India.	29.04.2020
84	Yoga Session - World after COVID 19	IT	Mr. Subhabrata Bhattacharjee, Founder & Director, mantra Health Club, Kolkata	15.05.2020
85	Indian Standard Methods for Concrete Mix Proportioning	CE	Mr. Tilak Mitra, AE-Civil, West Bengal Medical Services	09.04.2020
86	Site organization in Civil Engineering Industry	CE	Mr. Satyajit Roy, AE-Civil, West Bengal Medical Services	13.04.2020
87	Sustainable Development with emphasis on Urban Transportation	CE	Dr. Saikat Deb, Assistant Professor, Department of Civil Engineering, Assam Down Town University	18.04.2020
88	DREAM STEPS: A step toward the Beginning	CE	Mr. Subhabrata Bhattacharjee, Regional Manager, WADHWANI FOUNDATION	02.05.2020
89	A bridge between advanced concrete and nominal concrete	CE	Mr. Kaustav Das, Assistant professor Department of Civil Engineering, JISCE	29.04.2020
90	Problem Solving class on Bolt Connection	CE	Mr. Kaustav Das, Assistant professor Department of Civil Engineering, JISCE	06.05.2020
91	Equipment Design and selection for Centrifugal Casting of Iron Pipes	ME	Mr. K. G. Pilsima	09-04-2020
92	3D Modelling with CATIA	ME	ARDENT Computech	11.04.2020
93	Career Opportunities in Indian Railways	ME	Dr. Swapan Das	14.04.2020
94	Career Opportunities and Preparation for Public Sector Units	ME	Mr. Moley Kr. Banerjee	18.04.2020
95	Fundamentals of Aerodynamics & Its Applications	ME	Dr. Bachu Deb, HOD, ME Dept., NIT Mizoram	22.04.2020
96	Preparation Strategy to Crack GATE Exam	ME	Mr. Rajat Kamal Kakati, ME Dept., GIMT, Guwahati	24.04.2020
97	Manufacturing of Conveyor Belt	ME	Mr. Shahriar Ali, Assistant Manager, Phoenix Conveyor Belt India Pvt Ltd.	29.04.2020
98	Business process and its integration with production planning	ME	Mr. Jaydeep Basu, Consultant, Deloitte Touch Tohmatsu India LLP	02.05.2020
99	Beam Stress for Symmetric Loading Case	ME	Dr. Prabir Sarkar, Professor, Department of Mechanical Engineering, IIT (ISM) Dhanbad (Retired)	06.05.2020
100	Industrial Design & Machining for Diploma 6th Sem students	ME	Dr. Sandip Ghosh, Ms. Thia Paul, Mr. Munsir Rasidul Islam	09.05.2020
101	Industrial Boiler Design	ME	Mr. Sanjoy Chowdhury	10.05.2020
102	Imperatives for Project Leadership in a Hyper-Dynamic Business Environment	ME	Mr. Partha Sarathi Ghose, President in Kalyani Steels Limited, Pune, Project Management Professional certified by Project Management Institute, USA.	11.05.2020
103	COVID-19: Paradigm shift in ways of working	BSH	1. Mr. Palash Dutta, Program Manager, Cognizant Technology Solutions 2. Neelanjan Mazumder, Sr. Architect, Cognizant Technology Solutions	11.04.2020
104	Effective Learning	BSH	Mr. Kinsuk Bandyopadhyay, Primetals	11.04.2020



			Technologies India Pvt. Ltd.	
105	Roadmap of School Mathematics to Higher Mathematics	BSH	1. Mr. Rupak Bhattacharjee 2. Mr. Apurba Ghosh Assistant Professor, Department of Mathematics, JIS College of Engineering	16.04.2020
106	7 facets of Successful learning and landing a job	BSH	Arunava Das, Assistant Manager, Punjab National Bank.	19.04.2020
107	Reporting from Chiriamore, Barrackpore-TrafficControl:COVID19 your signal is red here	BSH	Mr. Debasis Kumar, O/C, Barrackpore S.T.G, Barrackpore Police Commissi, WB	22.04.2020
108	Job Opportunities in Post-pandemic World	BSH	Dr. Dibyajyoti Mukhopadhyay, Director, Indo Hispanic Language Academy.	22.04.2020
109	Entrepreneurship in Post-pandemic World	BSH	Somwrita Guha, Founder / Chief Happiness Officer Papercup, www.papercuponline.com	24.04.2020
110	Webinar on Philosophy of NSS and Role of NSS Volunteers during the Lockdown period	BSH	Tushar Kanti Pal, NSS Advisory Committee member WBCHSE.	25.04.2020
111	Webinar on Mind 2.0	BSH	Mr. Sandeep Chatterjee, a speaker and life coach and a senior faculty at International Art of Living.	27.04.2020
112	COVID19 : Lets break the myth with the analysis of a Virologist	BSH	Bornali Bhattacharjee, National Institute Of Biomedical Genomics	28.04.2020
113	Socio-Economic Effect of Corona Pandemic	BSH	Prof. Arup Choudhuri Chairman and CEO, Acasia Global Consulting LLP, India	29.04.2020
114	Pictorial Photography- A Visual Art	BSH	Prof. Biswatosh Sengupta, Photographic Association of Dum Dum	01.05.2020
115	Mental Health Problems of Students: Some Challenges of the New Millennium	BSH	Prof. Dr. Sadhan Das Gupta, Department of Applied Psychology, University of Calcutta	02.05.2020
116	Communication In the Globalized World	BSH	Department of Phys-Chem-Math-Hu & IIC, JISCE	17.05.2020
117	Quantum inspired Soft Computing: Application to prediction of Environmental Hazards	BSH	Prof. Siddhartha Bhattacharyya, PhD (Engg.) FIEI (I), FIETE, LFOSI, SMIEEE, SMACM, SMIETI, MIET(UK) Christ University, Bangalore, India	19.05.2020
118	9th Benu Sen Memorial Lecture	BSH	Prof. Tarak Sengupta, Prof Biswatosh Sengupta, Dr. Abhoy Nath Ganguly, Dr. Alokanda Ghosh Photographic Assocoation of Dum Dum	26.05.2020
119	Industry Cares for Environment- celebration of World Environment Day, 2020	BSH	Jhuma Saha (Sr. Engineer Bechtel India Pvt), Ayan Bhattacharya(Dy. General Manager Primetals Technologies India Pvt. Ltd.)	05.06.2020
120	A Simple Model For How Irregular Solar Strength Changes Ice Ages in the past.	BSH	Prof. JAN Sieber(University of Exeter), Exeter UK.	12.06.2020
121	Peer Learning session by	CMS	Mr. Kunal Samadder, Bengal Beverage, Coca	02.04.2020



	MBA final year student placed with Bengal Beverage		Cola	
122	Impact of Corona virus on Industries with special reference to Apollo Diagnostics	CMS	Mr. Subhadeep Majumder, Apollo Diagnostics	05.04.2020
123	Effect of Corona Pandemic on Banking & Financial Sector	CMS	Mr. Subhadip Saha, Bank of India	09.04.2020
124	India's Sanitation Mission and its relevance in present COVID-19 pandemic	CMS	Dr. Rajarshi Banerjee, AVP(R&D), BankaBioLoo Ltd	12.04.2020
125	Overcoming the challenges in Recent Economic Crisis	CMS	Mr. Charan Pal Singh, Executive, Larsen & Toubro Ltd.	22.04.2020
126	An Overview on Talent Acquisition	CMS	Suman Kaur, HR Analyst, Allegis Global Solutions	25.04.2020
127	Strategies to combat economic downfall in recent pandemic situation	CMS	Mr. A. K. Sravat, CEO, Wabag Ltd., Bangkok	02.05.2020
128	Effect of Lockdown on MSMEs of West Bengal	CMS	Mr. Sourav Kumar Roy, Manager, DIC, Govt. of West Bengal	03.05.2020
129	Interview Skills	CMS	Ms. Sagorika Sanyal, VP, HR, InSync Solutions	05.05.2020
130	EPC Project Management & Post COVID-19 scenario	CMS	Mr. Sabysachi Mukhopadhyay, Joint Gm, L&T, Mumbai	11.05.2020
131	Post COVID HR Policies	CMS	Prof. Richard Posthuma, UTEP, El Paso	16.05.2020
132	Corporate HR Strategy to manage business efficiently during this pandemic	CMS	Mr. Arnab Biswas, VP, HR&ER, GKB Lens	30.05.2020

Activity details (2019-20)
Department of CIVIL ENGINEERING
JIS College of Engineering, Kalyani

WEBNAIR DETAILS-

SL NO	PROGRAMME NAME	SPEAKER NAME	DATE	participants
1	DREAM STEPS A STEP TOWARDS THE BEGINING	MR.SUBHABRATA BHATTACHARJEE REGIONAL MANAGER WADHWANI FOUNDATION	02/05/2020	150
2	SUSTAINABLE DEVELOPMENT WITH EMPHASIS ON URBAN TRANSPORTATION	Dr. SAIKAT DEB ASSISTANT PROFESSOR ASSAM DOWN TOWN UNIVERSITY	18/04/2020	52
3	SITE ORGANISATION IN CIVIL ENGG INDUSTRY	Mr. Satyajit Roy Assistant engineer	13/04/2020	42
4	INDIAN STANDARD MEYHOD ON CONCRETE MIX PROPORIONING	Mr. Tilak Mitra Assistant engineer	09/04/2020	65



Webinar on


DREAM STEPS: A step towards the Beginning

Organized by
Civil Engineering Department
JIS College of Engineering

**2ND MAY,
2020 | 5:30 PM
ONWARD**

Contact details,
Dr. Debasish Das
08918056883

Speaker:
**Mr. Subhabrata
Bhattacharjee**
Regional Manager,
WADHWANI
FOUNDATION

Event Details				
Type	Webinar		Start Date	18.04.2020
Title	Sustainable Development with emphasis on Urban Transportation		End Date	18.04.2020 Time: 5:30 PM to 7:00 PM.
Description				
<p>The speaker starts his discussion with the definition of 'Sustainability' and 'Transportation'. Later a discussion was on the basic concept of the transportation system in terms of urban agglomeration area. The various transportation systems existing in and around the world have been discussed and the hierarchy of transportation systems also discussed through a diagram. The characteristics, advantages, and disadvantages of public or mass transportation systems also discussed in the Webinar. The session concluded by addressing the roads and its accessibility to urban transportation. In the end, a Q&A session was also there to clear the doubt of the students.</p>				
Star Performer Details				
Name	Dr. Saikat Deb	Email ID	saikatdeb25@gmail.com	Passport Photo
Designation	Assistant Professor	Phone No.	08787599685	
Student and Faculty Details				
Number of Student Participants	52	Number of Faculty Participants	6	
Other Details				
Venue and arrangement for Live telecast	Zoom			
Photos				
				
<p>Outcome: After the session, students came to know that the scope and opportunities to learn the concept of transportation system and mass transportation system in urban area.</p>				

Event Details		Event Details	
Type	Webinar	Start Date	13.04.2020
Title	Site Organization in Civil Engineering Industry	End Date	13.04.2020 Time: 5:30 PM to 7:00 PM.

Description

The speaker had discussed from the basic level about the organogram of the Civil Engineering industry. The speaker also discussed various types of costs of the project, types of labor, type of types of equipment and raw materials. The quality control assessment process also discussed in the above said Webinar. The advantages and disadvantages of various components of sites have also illustrated and nicely presented through PowerPoint presentations. In the end a Q&A session was also there to clear the doubt of the students.

Star Performer Details

Name	Mr. Satyajit Roy	Email ID	1990satyajitroy@gmail.com	Passport Photo
Designation	Assistant Engineer-Civil	Phone No.	09874862974	

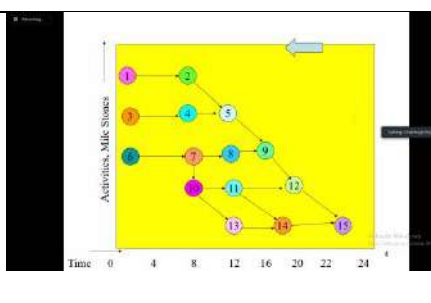
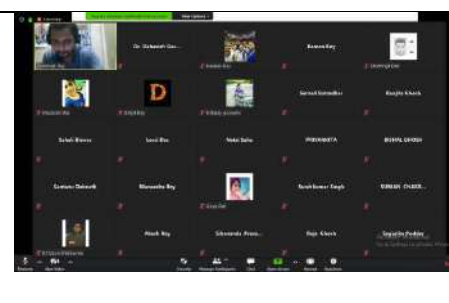
Student and Faculty Details

Number of Student Participants	42	Number of Faculty Participants	8
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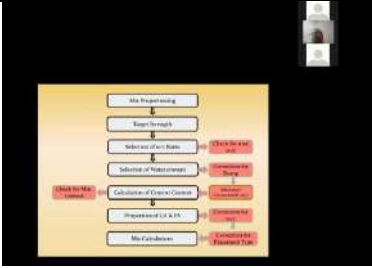

Other Details

Venue and arrangement for Live telecast	Zoom
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Photos



Outcome: After the session, students came to know that the scope and opportunities to learn the basic manpov structure in any filed project and get an overall idea on site management.

Type	Webinar		Start Date	09.04.2020
Title	Indian Standard Methods of Concrete Mix Proportioning		End Date	09.04.2020 Time: 5:30 PM to 7:00 PM.
Description				
The speaker had discussed from the basic level about the concrete mix design which is an important aspect of Civil Engineering. In his presentation, he also discussed the various methods to do the Concrete Mix design. Speaker has also emphasized the advantages and disadvantages of mixed design. At the end a Q&A session was also there to clear the doubt of the students.				
Star Performer Details				
Name	Mr. Tilak Mitra	Email ID	mitra.tilak22@gmail.com	Passport Photo
Designation	Assistant Engineer-Civil	Phone No.	09474098575	
Student and Faculty Details				
Number of Student Participants	65	Number of Faculty Participants	7	
Other Details				
Venue and arrangement for Live telecast		Zoom		
Photos				
				
Outcome: After the session, students came to know that the scope and opportunities to understand concrete mix design and practical implication in project.				

DEPARTMENT OF CIVIL ENGINEERING

REPORT ON COURSE BEYOND CURRICULUM

An in-house training on 'Course Beyond Curriculum' has been organized for all the Civil Engineering students. The detailed of the training is given below:

Duration: 16th-20th December, 2019

Training topic:

Sl. No.	Semester	Topic	Trainer
1.	4 th	Introduction to Civil Engineering drafting and analytical software	a. Mr. Debargha Banerjee, Assistant Professor, CE Department b. Mr. Kaustav Das, Assistant Professor, CE Department
2.	6 th	An introduction to StaadPro	Mr. Amit Kumar Das, Assistant Professor, CE Department
3.	8 th	1. How to write a Technical Paper and Dissertation Report: Rules and Guidelines 2. Advances in Word, Excel, PPTs and Visio software	Dr. Debasish Das, Assistant Professor & HOD, CE Department

Schedule of training:



Sl. No.	Semester	Date	Room	Date	Room
1.	4 th	16.12.2019	CE 1	16.12.2019	R 125
2.		17.12.2019	CE 1	17.12.2019	R 125
3.		18.12.2019	CE 1	18.12.2019	CE 1
4.		19.12.2019	CE 1	19.12.2019	CE 1
5.		20.12.2019	CE 1	20.12.2019	CE 1
6.	6 th	16.12.2019	CE 2	16.12.2019	CE 2
7.		17.12.2019	CE 2	17.12.2019	CE 2
8.		18.12.2019	CE 2	18.12.2019	R 125
9.		19.12.2019	R 125	19.12.2019	R 125
10.		20.12.2019	R 125	20.12.2019	CE 2
11.	8 th	16.12.2019	CE 3	16.12.2019	CE 3
12.		17.12.2019	CE 3	17.12.2019	CE 3
13.		18.12.2019	CE 3	18.12.2019	CE 3
14.		19.12.2019	CE 3	19.12.2019	CE 3
15.		20.12.2019	CE 3	20.12.2019	CE 3

Bijnan O Projukti Mela by Paschim Banga Vigyan Mancha

Date: 16th-17th January, 2020

Venue: Hedua Park, Kolkata

Event: Project Exhibition

Position: 6th

Few glimpses:



JIS COLLEGE OF ENGINEERING DEPARTMENT OF CIVIL ENGINEERING

REPORT INDUSTRIAL TRIP TO BELUR WATER TREATMENT PLANT

DATE: 10.02.2020 & 11.02.2020

VENUE: BELUR WATER TREATMENT PLANT

YEAR: 2ND

Visit outcomes:

Drinking water sources are subject to contamination and require appropriate treatment to remove disease-causing agents. Public drinking water systems use various methods of water treatment to provide safe drinking water for their communities. The following steps of water purifications have been discussed in the field:

- **Coagulation and Flocculation**

Coagulation and flocculation are often the first steps in water treatment. Chemicals with a positive charge are added to the water. The positive charge of these chemicals neutralizes the negative charge of dirt and other dissolved particles in the water. When this occurs, the particles bind with the chemicals and form larger particles, called floc.

- **Sedimentation**

During sedimentation, floc settles to the bottom of the water supply, due to its weight. This settling

process is called sedimentation.

- **Filtration**

Once the floc has settled to the bottom of the water supply, the clear water on top will pass through filters of varying compositions (sand, gravel, and charcoal) and pore sizes, in order to remove dissolved particles, such as dust, parasites, bacteria, viruses, and chemicals.

- **Disinfection**

After the water has been filtered, a disinfectant (for example, chlorine, chloramine) may be added in order to kill any remaining parasites, bacteria, and viruses, and to protect the water from germs when it is piped to homes and businesses.

Few glimpses:



EVENTS IN DEPARTMENT OF BIOMEDICAL ENGINEERING, JISCE

YEAR: 2020

Sl No.	Event Name	Details of Speaker/ Resource Person	Conduction Date	Participants
1	National Level Awareness Programme (Nlap-2020) On Entrepreneurship/ Incubation.	Mr. Firoz Ahmed Asst. Director MSME-Di, Kolkata, M/O MSME, Govt. Of India	26.02.2020	40
2	BME PARENTS TEACHER MEET	NA	29.02.2020	21
3	International Seminar On Medical Device Safety & Regulation	Dr. Mrinal Kanti Musib Sr. Lecturer, National University Of Singapore	21.01.2020	80
4	BME Intra Department Battle Of Words	All B.Tech BME Students	21.01.2020	80
5	Industry Visit	NA	24.02.2020	15
6	Peer Learning Session On Molecular Imaging Techniques	Himali Barman, BME 4 th Year Student	05.04.2020	56
7	Webinar On Respiratory Assistive Device To Fight Covid-19	Durbadal Biswas Consultant Biomedical Engineer	08.04.2020	88
8	Peer Learning Session On Methodologies Employed For Detection Of Novel Corona Virus	Swastik Barat, BME 4 th Year Student	10.04.2020	48
9	Webinar On India's Sanitation Mission & Its Relevance In Present Covid-19 Pandemic	Dr. Rajarshi Banerjee AVP(R&D), Banka BioLoo Ltd	12.04.2020	73
10	Webinar On Voicebot For Covid-19: Awareness & Preventing Fake News	Mr. Souva Majumdar Project Coordinator Architect & Founder Of Apollonius	17.04.2020	68
11	BME Intra-Dept. Quiz Competition	Master Kinshuk Ganguly	18.04.2020	48
12	Peer Learning Session On Art Therapy For Stress Management During Covid-19	Sujata Dey, BME 4 th Year Student	20.04.2020	56
13	Peer Learning Session On Music As Medicine	Debalina Bhaumik, BME 4 th Year Student	25.04.2020	52
14	National Level Digital Poster Competition	NA	18.04.2020 - 25.04.2020	48
15	National Webinar On Five Weeks In Managing Stress In The Time Of Covid-19	Ms. Parmeet Soni Consultant Clinical Psychologist	30.04.2020	118
16	Dexterity (Tribute To Tagore)	Students And Faculty Members Of BME	04.05.2020 - 08.05.2020	32
17	National Webinar On Research & Innovation: A Biomedical Engineer's Perspective	Dr. Anwesha Khasnobish Scientist-Research & Innovation, TCS Kolkata	09.05.2020	89
18	Mother's Day Celebration	NA	10.05.2020	25

19	Community Connect Activities By BME Students	NA	April & May 2020	For community people
20	Online PTM-BME	NA	April & May 2020	30
21	International Webinar On Biomedical Engineering: Current Trends & Opportunities Abroad	Dr. Poulami Basu Researcher, Corticalis As Oslo Science Park, Norway	10.06.2020	104
22	Peer Learning Hands-on Session	Arpan Banerjee, Himali Barman and Swastik Barat, BME 4 th Year Students	16.06.2020	38

YEAR: 2019

Sl No.	Event Name	Details of Speaker/ Resource Person	Conduction Date	Participants
1	MOTIVATIONAL TALK ON CAREER ADVANCEMENT IN BIOMEDICAL SERVICE DOMAIN	MONALISA MAJUMDAR Service Engineer, Siemens Healthcare Pvt. Ltd	15.01.2019	16
2	FREE HEALTH CHECK UP CAMP	SPARTACUS SOLUTIONS AND ICICI PRUDENTIAL Doctors from AIIMS New Delhi and NH Hospital	25.01.2019	All Faculty and Staff Members of JISCE
3	Industry Visit at Three Instruments, Kolkata	NA	15.02.2019	19
4	Industry visit at Narayan Industries, Kolkata	NA	22.02.2019	32
5	Seminar on Scope of Biomedical Engineering and Importance of Skill Training (SBEIST-2019)	HARVEY BIOMEDICAL Chief Training Officer and HR-Manager	10.04.2019	79
6	BME PARENTS TEACHER MEET	NA	27.04.2019	20
7	SEMINAR ON DIGITAL PEDAGOGY	Dr. Karabi Ganguly-HOD- BME	30.04.2019	102
8	Seminar at College of Medicine and JNM-Hospital, Kalyani.	NA	12.07.2019	15
9	Seminar on Advancements in Biomedical Instrumentation and its Application in Healthcare for Benefit of Mankind (ABIAHBM-2019)	DR. SUDIP PAUL Professor BME DEPARTMENT NEHU-SHILLONG	26.07.2019	80
10	SCIENCE & SURGICAL-Kolkata	NA	27.08.2019	35
11	Workshop on Bio-signals and Systems: Pragmatic Implementations (BSSPI-2019)	DR. ANWESHA KHASHNOBISH (Alumnus-2009 Batch)	22.10.2019	80

		Scientist-TCS Research & Innovations		
12	BME PARENTS TEACHER MEET	NA	09.11.2019	15

YEAR: 2018

Sl No.	Event Name	Details of Speaker/ Resource Person	Conduction Date	Participants
1	NATIONAL WORKSHOP ON "PCB DESIGNING FOR BIO-INSTRUMENTATION"-NWPDBI 2018	Mr. Subhadeep Biswas Managing Director Craftronix Laboratory	17.03.2018	69
2	BME PARENTS TEACHER MEET	NA	17.03.2018	21
3	SEMINAR ON ROLE OF CSSD IN INFECTION CONTROL & STERILIZAION	Sahanawaz Ahmed Sr. Biomedical Engineer, INK	28.07.2018	70
4	INTERNATIONAL PROFESSIONAL EXCHANGE PROGRAM ON BIOMEDICAL EQUIPMENT TECHNOLOGY	a) Mr. Larry Franklin McNesse Instructor, University of Massachusetts; b) Mr. Hassan Aslami Sr.Manager, USWDP	25.09.2018	90
5	BME PARENTS TEACHER MEET	NA	12.10.2018	18
6	Industry Visit at NIBMG- Healthcare Research Industry	Interaction with Nobel Laureate Prof. (Dr.) Harold E. Varmus	11.11.2018	25

Name of the Programme

ONLINE MEETING MENTOR-MENTEE-PARENTS MEET

Department: BIOMEDICAL ENGINEERING

Date: 04.04.2020

No. of Faculty Involved: 03

No. of Student Involved: 78

No of Beneficiaries: 81



Name of the Programme

PEER LEARNING SESSION ON- MOLECULAR IMAGING TECHNIQUES

Department: BIOMEDICAL ENGINEERING

Date: 05.04.2020

No. of Faculty Involved: 05

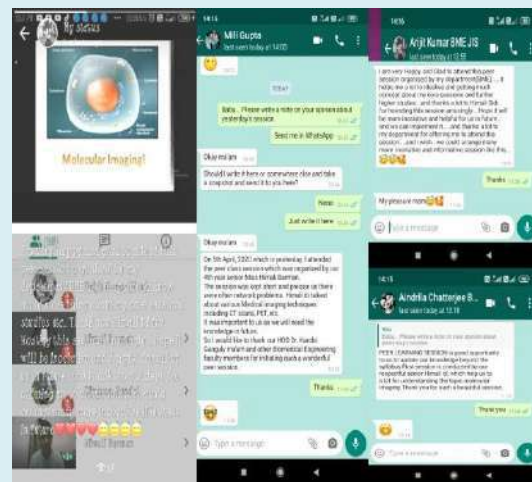
No. of Student Involved: 51

No of Beneficiaries: 56

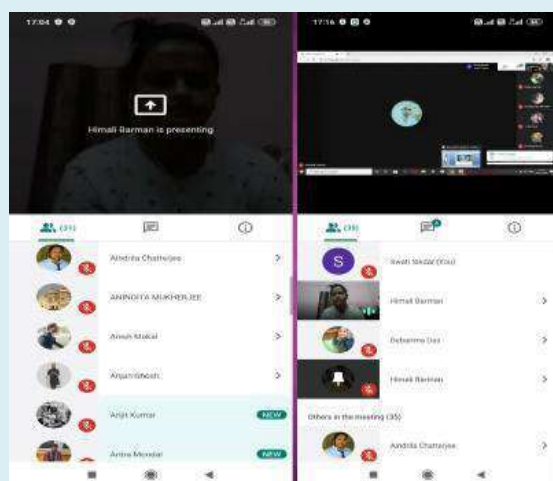
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Name of the Programme

**PEER LEARNING SESSION ON-
METHODOLOGIES EMPLOYED FOR
DETECTION OF NOVEL CORONA VIRUS**

Department: BIOMEDICAL ENGINEERING

Date: 10.04.2020

No. of Faculty Involved: 05

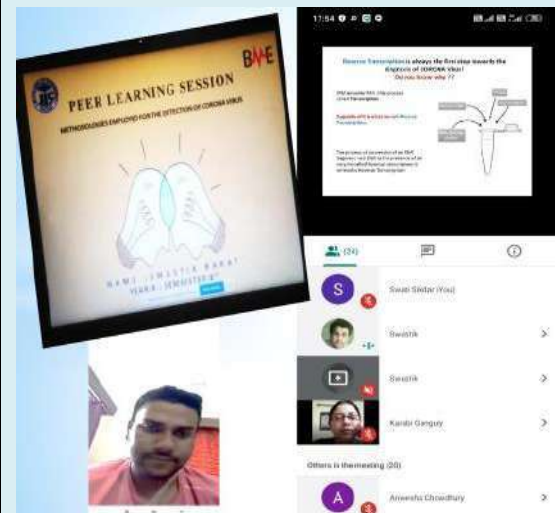
No. of Student Involved: 43

No of Beneficiaries: 48

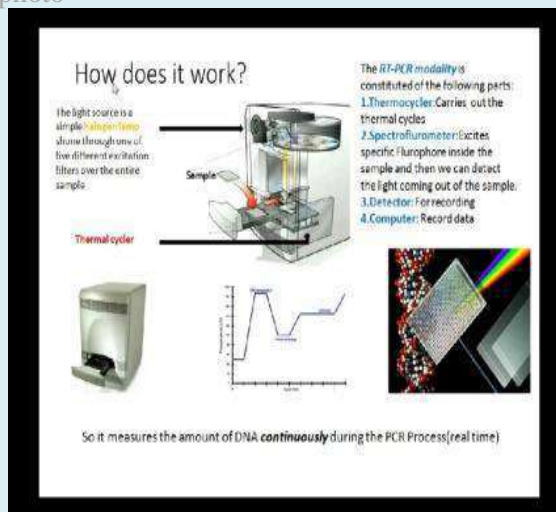
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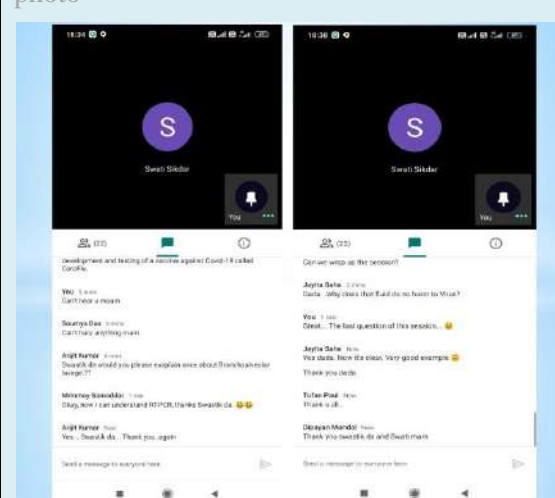
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Name of the Programme

INDUSTRY CONNECT WEBINAR ON INDIA'S SANITATION MISSION & ITS RELEVANCE IN PRESENT COVID-19 PANDEMIC

Department: BIOMEDICAL ENGINEERING

Date: 12.04.2020

No. of Faculty Involved: 10

No. of Student Involved: 63

No of Beneficiaries: 73

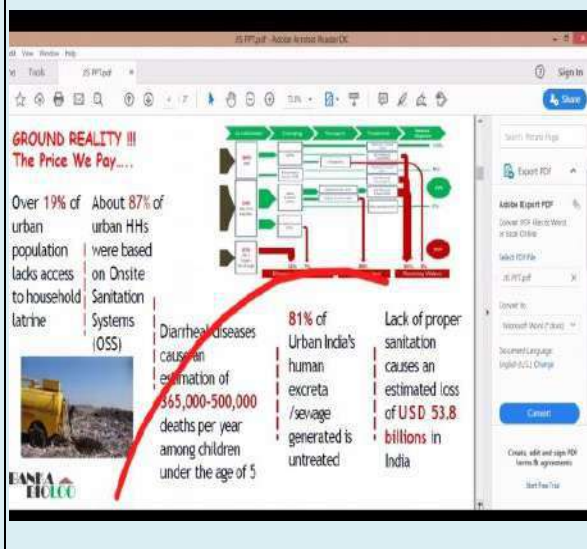
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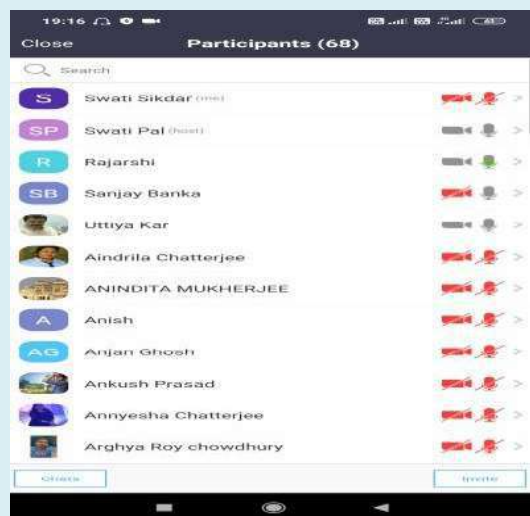
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Name of the Programme

**NATIONAL LEVEL DIGITAL POSTER MAKING COMPETITION ON
Isolation & Mental Health: The Psychological Impact of Lockdown**

Department: BIOMEDICAL ENGINEERING

Date: 15.04.2020-20.04.2020

No. of Faculty Involved: 05

No. of Student Involved: 50

No of Beneficiaries: 55



Name of the Programme

**PEER LEARNING SESSION ON-
ART THERAPY FOR STRESS MANAGEMENT DURING COVID-19**

Department: BIOMEDICAL ENGINEERING

Date: 20.04.2020

No. of Faculty Involved: 05

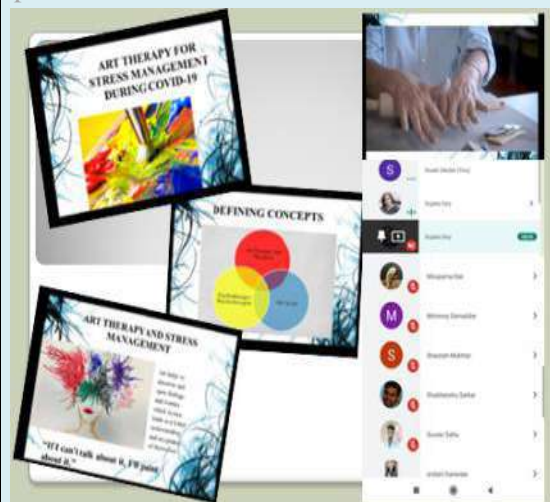
No. of Student Involved: 51

No of Beneficiaries: 56

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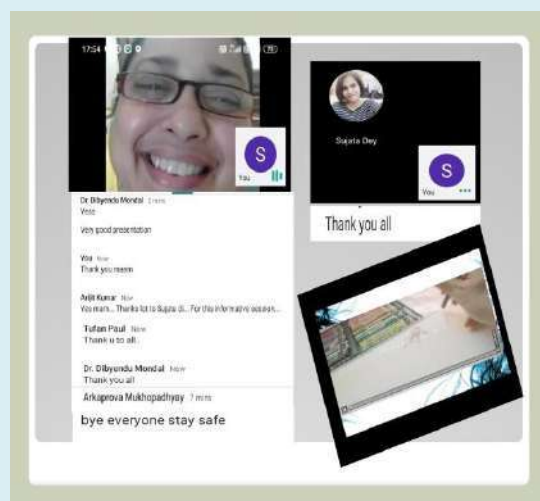
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Name of the Programme	ONLINE MEETING PARENTS TEACHER MEET
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Department: BIOMEDICAL ENGINEERING

Date: 22.04.2020

No. of Faculty Involved: 08

No. of Student Involved: 25

No of Beneficiaries: 33



Name of the Programme

PEER LEARNING SESSION ON MUSIC AS MEDICINE

Department: BIOMEDICAL ENGINEERING

Date: 25.04.2020

No. of Faculty Involved: 05

No. of Student Involved: 47

No of Beneficiaries: 52

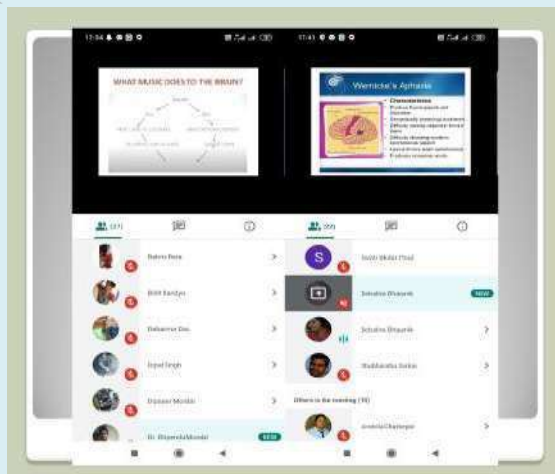
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Name of the Programme

**NATIONAL WEBINAR (ACADEMIA CONNECT)
FIVE WEEKS IN MANAGING STRESS IN THE TIME OF COVID-19**

Department: BIOMEDICAL ENGINEERING

Date: 30.04.2020

No. of Faculty Involved: 35

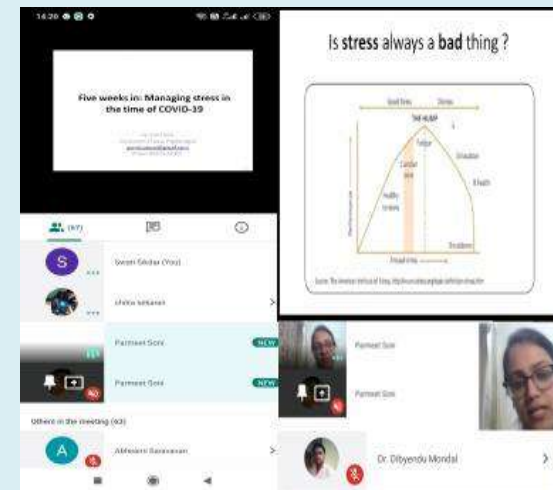
No. of Student Involved: 83

No of Beneficiaries: 118

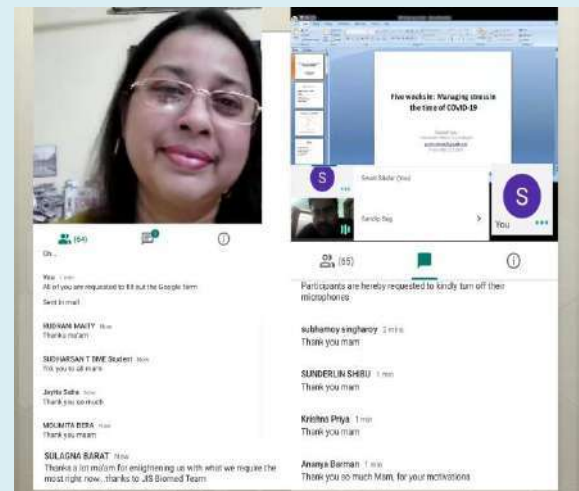
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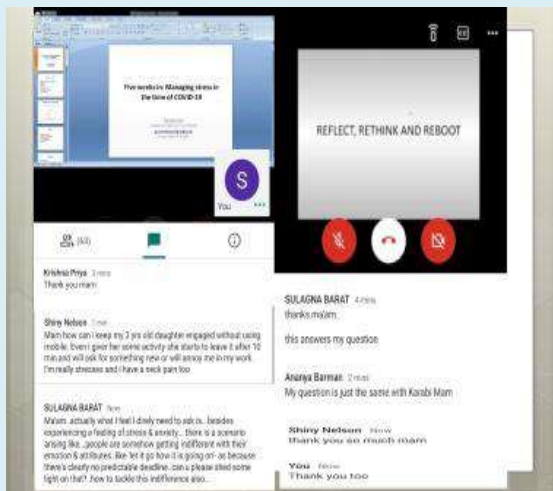
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Name of the Programme

DEXTERITY (TRIBUTE TO TAGORE)

Department: BIOMEDICAL ENGINEERING

Date: 04.05.2020-08.05.2020

No. of Faculty Involved: 05

No. of Student Involved: 27

No of Beneficiaries: 32

photo



photo



photo



Photo



Name of the Programme

COMMUNITY SERVICES BY 2ND YEAR BIOMEDICAL ENGINEERING STUDENTS TO FIGHT COVID-19 PANDEMIC

Department: BIOMEDICAL ENGINEERING

Date: 06.05.2020-11.05.2020

No. of Faculty Involved: NA

No. of Student Involved: 02

No of Beneficiaries: ENTIRE SOCIETY IN TURN MANKIND

photo



Photo



photo



Photo



Name of the Programme

NATIONAL WEBINAR ON RESEARCH & INNOVATION: A BIOMEDICAL ENGINEER'S PERSPECTIVE

Department: BIOMEDICAL ENGINEERING

Date: 09.05.2020

No. of Faculty Involved: 25

No. of Student Involved: 64

No of Beneficiaries: 89

Photo



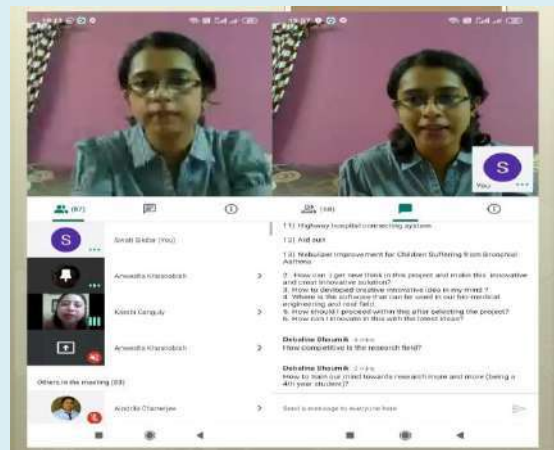
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Name of the Programme

MEET WITH YOUR MENTEE

Department: BIOMEDICAL ENGINEERING

Date: 12.05.2020

No. of Faculty Involved: 03

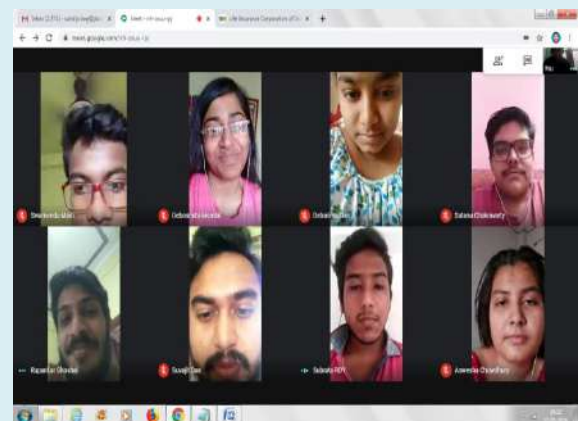
No. of Student Involved: 51

No of Beneficiaries: 54

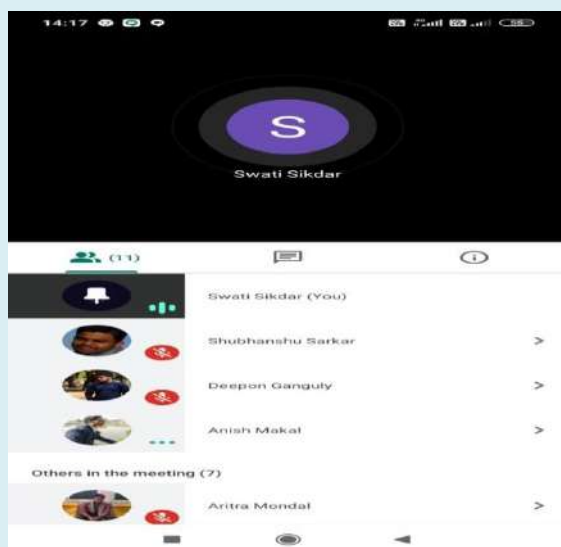
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Name of the Programme

PARENTS TEACHER MEET

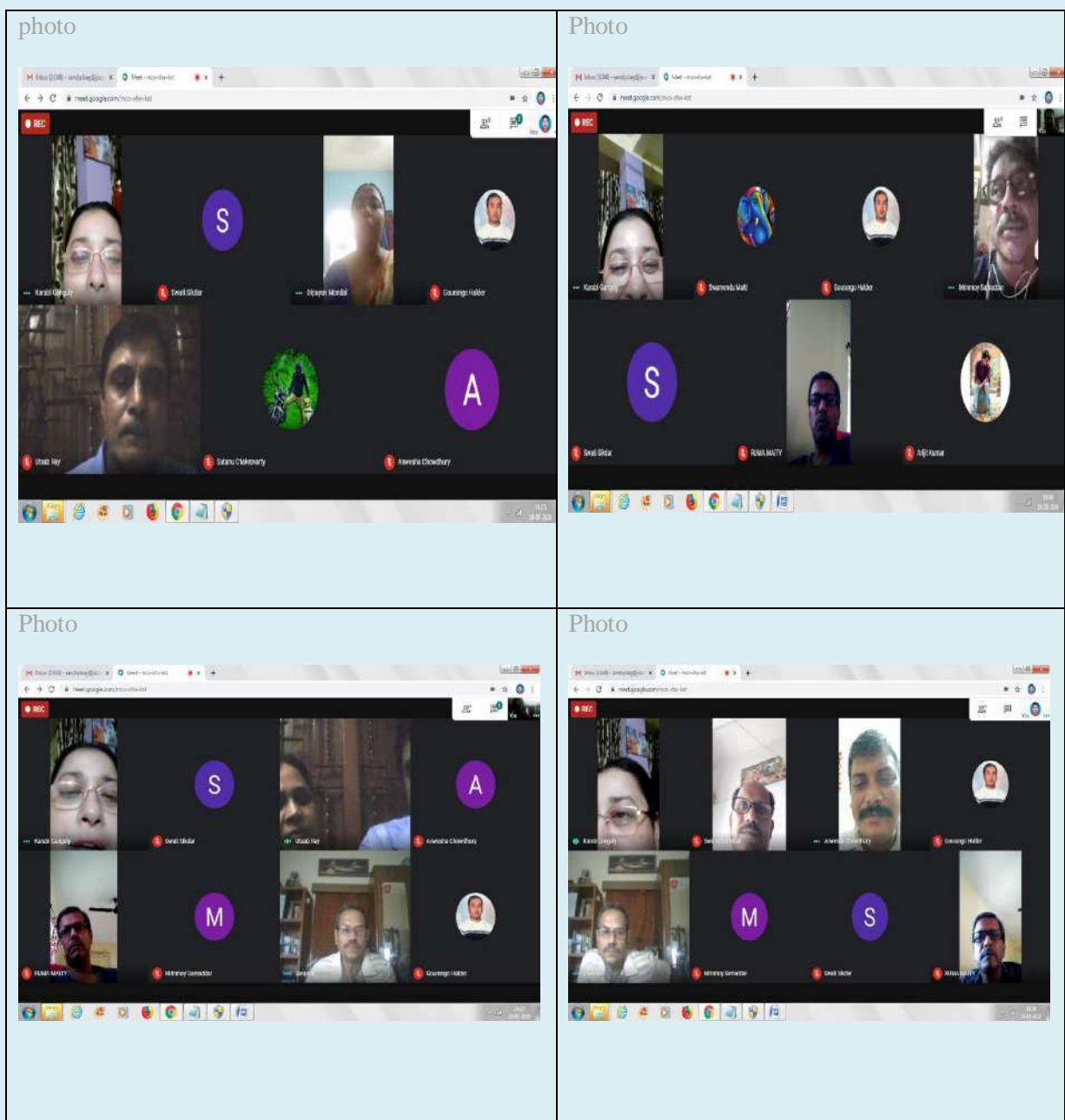
Department: BIOMEDICAL ENGINEERING

Date: 19.05.2020

No. of Faculty Involved: 03

No. of Student Involved: 11

No of Beneficiaries: 14



Name of the Programme

COMMUNITY SERVICES BY FINAL YEAR BIOMEDICAL ENGINEERING STUDENTS TO FIGHT COVID-19 PANDEMIC

Department: BIOMEDICAL ENGINEERING

Date: 18.03.2020-05.05.2020

No. of Faculty Involved: NA

No. of Student Involved: 05

No of Beneficiaries: ENTIRE SOCIETY IN TURN MANKIND

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photo



photo

Swas Tik added 6 new photos. 2 Apr at 23:00

Older people are more vulnerable to COVID-19. In almost every country battling with the COVID-19 outbreak, people over the age of 65 are being told to self-quarantine and shut themselves off from other people who might risk infecting them.

"হদিনও যে কেউ এই রোগে আক্রান্ত হতে পারে, তবে দিনের প্রাথমিক পরেজ্ঞাপাওলিতে পরিলক্ষিত হয় যে, আপো থেকেই অসুস্থে বয়স্ক ব্যক্তিদের মধ্যে যত্নের হার বেশি।"

#UNV_India #VFORCE #COVID19 #Swastik #DadaDadi #GharBaithIndia

<p>Protect the Elderly Citizens from Coronavirus (COVID-19)</p> <p>Do's</p> <ul style="list-style-type: none"> Take your daily prescribed medicines regularly. Preventive care such as regular check-ups, blood sugar or cholesterol medication. Monitor your health. If you observe any symptoms, consult your doctor immediately. 	<p>Protect the Elderly Citizens from Coronavirus (COVID-19)</p> <p>Do's</p> <ul style="list-style-type: none"> Wash your hands or through your clothes before and after, before preparing or eating food, going to work, returning. Wash your face and clothes daily. Take up your daily activities (walk, play, yoga, meditation, dance, etc.) or indoor sports, avoid being too crowded places.
<p>Protect the Elderly Citizens from Coronavirus (COVID-19)</p> <p>Do's</p> <ul style="list-style-type: none"> Wash your hands with soap and water for at least 20 seconds. Use hand sanitizer if you do not have access to soap and water. Wash your clothes and bedding regularly. 	<p>Protect the Elderly Citizens from Coronavirus (COVID-19)</p> <p>Don'ts</p> <ul style="list-style-type: none"> Do not visit crowded places. Do not visit people who are sick. Do not share your personal items with others. Do not touch your face, especially your eyes, nose, and mouth.
<p>Protect the Elderly Citizens from Coronavirus (COVID-19)</p> <p>Do's</p> <ul style="list-style-type: none"> Wash your hands with soap and water for at least 20 seconds. Use hand sanitizer if you do not have access to soap and water. Wash your clothes and bedding regularly. 	<p>Protect the Elderly Citizens from Coronavirus (COVID-19)</p> <p>Don'ts</p> <ul style="list-style-type: none"> Do not visit crowded places. Do not visit people who are sick. Do not share your personal items with others. Do not touch your face, especially your eyes, nose, and mouth.

photo

Arpan added 6 new photos. 2 Apr at 22:49

Everyone doesn't need to wear a mask. Only wear a mask if you have symptoms, you are caring for COVID-19 suspected/confirmed patients or you are a health-worker.

Please share this post as much as you can to help others.

#VFORCE #UNV_India #COVID19

<p>WHEN TO USE A MASK</p> <p>For healthy people wear a mask only if you are taking care of a person with suspected COVID-19/Infection.</p> <p>Wear a mask, if you are coughing or sneezing.</p> <p>Masks are effective only when used in combination with frequent hand-cleaning with alcohol-based hand rub or soap and water.</p> <p>If you wear a mask then you must know how to use it and dispose it properly.</p>	<p>HOW TO USE, USE, TAKE OFF AND DISPOSE OF A MASK</p> <p>Before putting on a mask, clean hands with alcohol-based hand rub or soap and water</p> <p>World Health Organization</p>
<p>Cover mouth and nose with mask and make sure there are no gaps between your face and the mask.</p> <p>World Health Organization</p>	<p>Avoid touching the mask while using it. If you do, clean your hands with alcohol-based hand rub or soap and water.</p> <p>World Health Organization</p>
<p>Replace the mask with a new one as soon as it is damp and do not reuse it. Use masks only once.</p> <p>World Health Organization</p>	<p>World Health Organization</p>

You, Shalini Shaw and 5 others

2 shares

Name of the Programme

TIRELESS, SELFLESS DEVOTION OF ALUMNI OF BME@JISCE IN LEADING TECHNOLOGICAL AND SCIENTIFIC WAR AGAINST COVID-19 PANDEMIC

Department: BIOMEDICAL ENGINEERING

Date: 18.03.2020-05.05.2020

No. of Faculty Involved: NA

No. of Student Involved: NA

No of Beneficiaries: ENTIRE SOCIETY IN TURN MANKIND

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Name of the Programme

INTERNATIONAL WEBINAR ON BIOMEDICAL ENGINEERING: CURRENT TRENDS & OPPORTUNITIES ABROAD

Department: BIOMEDICAL ENGINEERING

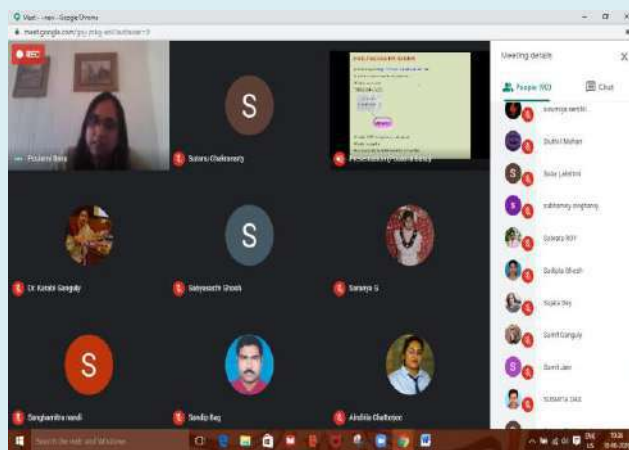
Date: 10.06.2020

No. of Faculty Involved: 23

No. of Student Involved: 81

No of Beneficiaries: 104

Photo



Photo



Photo



Photo



Name of the Programme

PEER-TEACHING HANDS-ON WORKSHOP ON BIOMEDICAL APPLICATION OF MATLAB

Department: BIOMEDICAL ENGINEERING

Date: 16.06.2020

No. of Faculty Involved: 4

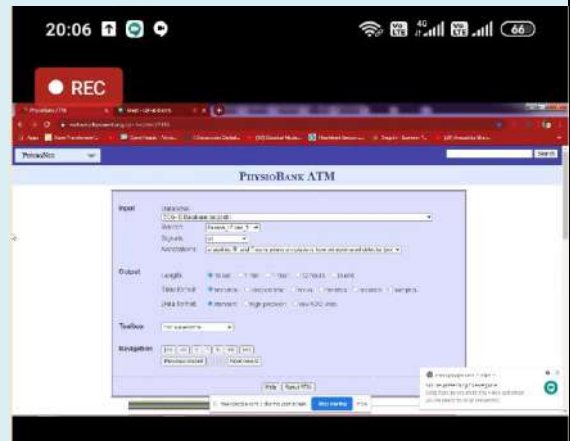
No. of Student Involved: 34

No of Beneficiaries: 38

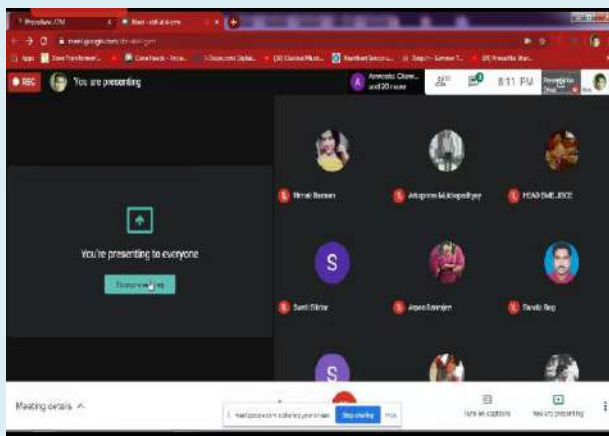
Photo



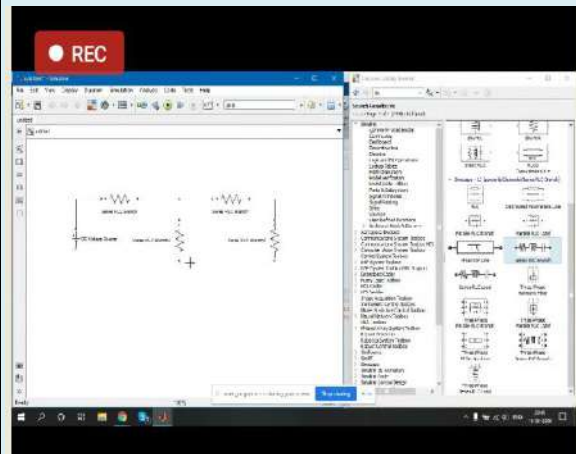
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**“MOTIVATIONAL TALK ON CAREER ADVANCEMENT
IN BIOMEDICAL SERVICE DOMAIN”
ORGANIZED BY BIOMEDICAL ENGINEERING DEPARTMENT, JISCE-KALYANI
ON 15.01.2019 AT ROOM NO 222**

Biomedical Engineering education must allow the budding engineers to analyze a problem from both an engineering and biological perspective; to anticipate the special difficulties in working with living systems and to evaluate a wide range of possible approaches to solutions. Using a knowledge base with a core foundation in engineering and biology, they will be able to apply their skills to a variety of challenges in their chosen field.

To reinforce this MED-TECH BRIDGING, the Department Of Biomedical Engineering, JISCE-Kalyani organised a **“MOTIVATIONAL TALK ON CAREER ADVANCEMENT IN BIOMEDICAL SERVICE DOMAIN”** on **15.01.2019 at Room No 222.**



The program was started with a key-note address from **HOD-BME, JISCE** followed by the **Guest Speaker from Industry and also Eminent ALUMNI (2007-2011 Batch) of BME Dept., Mrs. MONALISA MAJUMDAR (Service Engineer, Siemens Healthcare Pvt. Ltd).**

B.TECH Biomedical Engineering 4th Year -16 students from took part in this rigorous interactive session. The program included Interactive Session and Practical Exposure in the field of Medical Technology as well as the career opportunity & the role of a Biomedical Engineer in ensuring quality healthcare to the society.



This program was riveting and exceedingly enriching as the students were able to interact with Professional Resource Person and find out Employable Sectors and the flourishing nature of this multifaceted domain in the near future. Under the guidance of **Dr. KARABI GANGULY, HOD BME Department** along with all the faculty members, staff members and **B.TECH BME 4th Year Students**, the program was conducted with utter enthusiasm and scrutiny. It was really a **great successful and wonderful event**.

FREE HEALTH CHECK-UP CAMP ORGANIZED BY ICICI PRUDENTIAL & SPARTACUS SOLUTIONS IN ASSOCIATION WITH DEPARTMENT OF BIOMEDICAL ENGINEERING, JISCE-KALYANI

On 25th of January 2019, a Free Health Check-up Camp was organized by ICICI Prudential & Spartacus Solutions in association with Biomedical Engineering Department, JISCE-Kalyani.

The Objective of the Health Check-up Camp was to provide the free Eye Check-up, General Health-checkup and free treatment for serious referral cases.

The Health-care services provided by ICICI Prudential & Spartacus Solutions are:

- Primary Eye Check-up
- Vision Check-up and Correction
- Cataract Screening
- Retina Screening
- Glaucoma Screening
- Blood Pressure Test
- Blood Sugar Test
- ECG
- Weight
- Doctor Consultation

At the beginning of the program a one hour awareness session was conducted by ICICI Prudential & Spartacus Solutions and followed by the free Health Check-up was commenced. The entire program was coordinated by all faculty members and staff member of DEPARTMENT OF BIOMEDICAL ENGINEERING, JISCE.

The Free Health Check-Up Camp started at 11.00 am and ended at 4.30 pm. Around 110 Faculty and Staff members availed the facility and were benefited from this camp. Physician Consultation, medications, medical tests and free treatment in long run were few salient features of this event.



INDUSTIRY VISIT TO THREE INSTRUMENTS, KOLKATA on 15/02/2019
Organized by
DEPARTMENT OF BIOMEDICAL ENGINEERING, JISCE-KALYANI

A One-Day industry visit for B.Tech BME 3rd year Students on 15/02/2019 was organized by the Dept. of Biomedical Engineering, JIS College of Engineering, Kalyani. The purpose of the visit was to give the students a practical insight into manufacturing of different Ophthalmic Equipment and Components for providing a high-end EYE-CARE to the patient.

The visit was organized at Three Instruments, Kolkata. It is a premier Ophthalmic surgical and medical equipment supplier as well as manufacturing company for more than Seven Years. They are mainly dealing with vast spectrum of Ophthalmic Equipment and accessories like A-Scan, B-Scan, Aspheric Lens, Ophthalmoscope, Retinoscope, Slit Lamp Bulb Holder, Slit lamp Mirror, Riester etc.

As per schedule, the students of B.Tech BME 3rd year reached the Organization by 11.30 am. JISCE, Kalyani provided the transport facility to the students.

During this visit, students got overall exposure on-

- **A-Scan, B-Scan, Pachymeter**
- **Ophthalmoscope**
- **Retinoscope**
- **Reister**
- **Double Aspheric Lens**
- **Keratometer**
- **LED Vision Tester**
- **Lensmeter**
- **Near Vision Tester**
- **Gonioscope**

Students got practical overview of a wide range of EYE-CARE products along with working principle, applications, manufacturing & servicing techniques.





INDUSTIRY VISIT TO NARAYAN INDUSTRIES, KOLKATA on 22/02/2019

Organized by

DEPARTMENT OF BIOMEDICAL ENGINEERING, JISCE-KALYANI

A One-Day industry visit for B.Tech BME 2nd year Students on 22/02/2019 was organized by the Dept. of Biomedical Engineering, JIS College of Engineering, Kalyani. The purpose of the visit was to give the students a practical insight into manufacturing of different Biomedical Equipment and Components for providing a quality care to the patient.

The visit was organized at Narayan Industries, Kolkata. It is a reputed and a well known industry in the field of manufacturing various healthcare products for more than two decades. They are mainly dealing with the production of different spectrum of hospital furniture like Baby Warmer, Patient Bed for Ward and ICU, OT table & OT light, Dialysis chair, Autoclave etc.

They are also involved in manufacturing of Anesthesia Machine & Phototherapy Unit.

As per schedule, the students of B.Tech BME 2nd year reached the Organization by 11.30 am. JISCE, Kalyani provided the transport facility to the students.

During this visit, students got overall exposure on-

- **OT Bed**
- **OT Light**
- **Fowler bed**
- **ICU Bed (Manual and Motorised)**
- **Labour Bed (Motorised)**
- **Dialysis Chair**
- **Anasthesia Machine,**
- **Autoclave Machine**
- **Phototherapy Unit**

Students got practical overview of a wide range of healthcare products along with working principle and applications.





ONE- Day Seminar on Scope of Biomedical Engineering and Importance of Skill Training

(SBEIST 2019) on 10.04.2019



Biomedical Engineering Department is not only one of the oldest departments of JISCE, Kalyani but also it is a unique department which has been offering highly interdisciplinary subject like Biomedical Engineering in B. Tech. program. Here, the students are provided with high end academic as well as technical knowledge to work in medical device industry in order to solve various clinical problems as well as to train the doctors, nurses and therapists in using different kinds of medical equipment. It is very important for every biomedical engineer to have preliminary knowledge of maintenance and troubleshooting of any kind of modern medical device.

Keeping in mind the motto of the domain, the Department of Biomedical Engineering, JISCE has organized a **One day Seminar on Scope of Biomedical Engineering and Importance of Skill Training (SBEIST-2019) in association with HARVEY BIOMEDICAL on 10th APRIL 2019** in the College Campus with a sole aim of giving an exposure to the students in real life scenario of the scope of Biomedical Engineering as career and importance of skill training for sustaining as an efficient Biomedical Engineer to serve the mankind.

Main objective was to highlight the various technologies that are used in modern days for manufacturing a wide range of small-medium and high end of Medical Equipment, Employable Sectors & Role of Biomedical Engineers in Ensuring Quality Healthcare to the 2nd , 3rd and 4th year BME students of JISCE, Kalyani.

The program started with a key-note address from **HOD-BME, JISCE** followed by the Guest Speaker of SBEIST-2019 – **Mr. Ayyappadas (Chief Training Officer) and Mr. Harish Krishna (HR Manager)** from Harvey Biomedical discussed about the concept of bridging the gap between the technology & the engineer for the growth & sustainability of Biomedical Engineering.

Key Features of the Program

SBEIST-2019 involves gathering data what works and what does not, understanding the theories behind modern medical instrument as well as testing the theories one by one for their effective manufacturing, maintenance as well as servicing.

The session included Interactive Session and Practical Exposure on the wide spectrum of medical equipment, their application, modern technologies which are being used in the field of Medical Technology as well as the career opportunity & their role as Biomedical Engineer in ensuring quality healthcare to the society.

48 student participants from B.Tech Biomedical Engineering (2nd Year, 3rd Year and 4th Year) were divided into various groups for day long rigorous interactive session.





This program was riveting and exceedingly enriching as the students were able to interact with Professional Resource Person and find out the flourishing nature of this multifaceted domain in the near future in terms of Medical Equipments, Application, Employable Sectors & Role of Biomedical Engineers in Ensuring Quality Healthcare.

Under the guidance of **Dr. KARABI GANGULY, CONVENER (SBEIST-2019) & HOD BME Department** along with all the faculty members, staff members and **Honorable Delegates**, the program was conducted with utter enthusiasm and scrutiny. It was really a **great successful and wonderful event**.

OUTCOME:

The ultimate goal of every Biomedical Engineer is to keep the equipment into operation as it is a very important job because the entire production, operation and application depends on the ability of the engineer to solve the problem quickly and economically. They must build their knowledge on basics and continue to practice with the technology so that they get expertise on Equipment modalities and keep growing.

The objective of the SBEIST-2019 Program was to impart Technical Training and Education on this important domain i.e. Role of Biomedical Engineers in Ensuring Quality Healthcare, Various Medical Equipment, Application & Employable Sectors.

It is our honour that Mr.Ayyappadas (Chief Training Officer) and Mr. Harish Krishna (HR Manager) from Harvey Biomedical, one of the premier training academy (partnered with Biomedical Technology Providers and Hospitals to Innovate the Quality of Healthcare systems), enriched the program by participating through extensive discussion, interactions on the scope of the budding biomedical engineer in real life scenario and the importance of skill training for sustainability and growth.

**SEMINAR ON DIGITAL PEDAGOGY
ORGANIZED BY BIOMEDICAL ENGINEERING DEPARTMENT, JISCE-KALYANI
ON 30.04.2019 AT B.C.ROY AUDITORIUM**

As we are in an era of modern technologies, so there is a huge reflection of it in our day to day life. And that's why our teaching learning system is also now under transformation.

Being a premier educational institute JIS College of Engineering is always a step ahead than its contemporary peer group. From the year 2016, incorporation of Flip-Learning along with the traditional one gave a new dimension to the learners and the educators involved over here. To evaluate the course of evolution of digital pedagogy, the Department of Biomedical Engineering, JISCE has organized a **SEMINAR ON DIGITAL PEDAGOGY on 30th APRIL 2019 AT B.C.ROY AUDITORIUM**. It is a pedagogical approach in which direct instruction moves from the group learning space to individual learning space, and the resulting group space is transformed into a dynamic, interactive learning environment where the educators guides students as they apply concepts and engaged creatively in the subject matter.



The program was started with a key-note address from **HOD-BME, JISCE**. The students were informed about the **Roadmap framing of Digital Pedagogy across Nation from ICDP-2019**, the success story of the conference hosted by **JISCE at AICTE-New Delhi**.



All the faculty members of the department and many Students of B.Tech BME 1st, 2nd, 3rd and 4th Year shared their experience in the course of journey through Flipped Learning like the various hurdles faced by stakeholders while implementing the new Teaching Learning Methodology, evolution in the evaluation process of Flip Learning and the ultimate benefit achieve through this method. Some students from pre-final & final year also shared their own view about the transformation in Teaching-Learning Practice at JISCE. This program was riveting, exceedingly enriching and highly motivating as the students were able to hear the experts comment and views about this modern teaching-learning methodology which is being practiced in JISCE-Kalyani. Under the guidance of **Dr. KARABI GANGULY, CONVENER (BSDP-2019) & HOD BME Department** along with all the faculty members, staff members and **Students**, the program was conducted with utter enthusiasm and scrutiny. It was really a **great successful and wonderful event**.

ONE-DAY SEMINAR ON NEO HEALTH

At COLLEGE OF MEDICINE & JNM HOSPITAL on 12.07.2019

The medical Education unit of CM&JNM Hospital organized a seminar on Neo-Health. The speaker of this session was Prof (Dr.) Aneesh Banerjee, Cass Business School, City University London. He along with his technical developer demonstrated about the mechanism of the neo-health device that has the potential of addressing neonatal mortality. It is capable to identify the early onset of infections in new-born and simultaneously alert the care-givers about the situation.



He along with his team at London University is in the early stages of prototyping the neo-health device. They were also looking for some feedback from medical practitioners and biomedical engineering students about the design and usability of the device.

INVITED LECTURE ON ADVANCEMENTS IN BIOMEDICAL INSTRUMENTATION AND ITS APPLICATION IN HEALTHCARE FOR BENEFIT OF MANKIND ORGANIZED BY BIOMEDICAL ENGINEERING DEPARTMENT, JISCE-KALYANI ON 26.07.2019 AT B.C.ROY AUDITORIUM

An invited lecture on “ADVANCEMENTS IN BIOMEDICAL INSTRUMENTATION AND ITS APPLICATION IN HEALTHCARE FOR BENEFIT OF MANKIND” was organized by Department of Biomedical Engineering on 26th July, 2019. The objective of invited lecture was to enhance the knowledge of students by interacting with the external expert. Dr. Sudip Paul, Assistant Professor of Biomedical Engineering, North Eastern Hill University, Shillong was the invited speaker of that lecture session. He delivered his lecture on different Physiological Signals and their Recording mechanisms. He also stated about the importance of different soft-wares used with medical equipment and the role of biomedical engineer in developing them.



INDUSTIRY VISIT TO SCIENCE AND SURGICAL, KOLKATA on 27/08/2019

A One-Day industry visit for BME 2nd year on 27/08/2019 was organized by the Dept. of Biomedical Engineering, JIS College of Engineering, Kalyani. The purpose of the visit was to enhance industry exposure of the students and to get practical insights into manufacturing of the different Biomedical Components. The visit was organized at Science & Surgical, Kolkata, and a well known industry in the field of manufacturing healthcare products for more than two decades. They are mainly looking for production of various hospital furniture like patient bed, OT table & OT light etc. They are also involved in manufacturing of Oxygen Concentrator, Patient Monitor, Syringe Pump and Phototherapy Unit.

As per schedule, the students of BME 2nd year reached the Organization by 11 am. JISCE, Kalyani provided the transport facility to the students.

During this visit, students got overall exposure on-

- **Fowler bed**
- **ICU Bed (Manual and Motorised),**
- **OT Lights,**
- **Patient Monitor,**
- **Phototherapy unit,**
- **Oxygen Concentrator,**
- **Syringe Pump**

Students got overview of hospital as healthcare industry, various healthcare products- their working principle and applications.





ONE- Day Workshop on “Bio-signals & Systems : Pragmatic Implementations”

(BSSPI 2019) on 22.10.2019



Biomedical Engineering Department is not only one of the oldest departments of JISCE, Kalyani but also it is a unique department which has been offering courses on highly interdisciplinary subject like Biomedical Engineering in B. Tech. program. Here, the students are provided with high end academic as well as technical knowledge to work in medical device industry in order to solve various clinical problems as well as to train the doctors, nurses and therapists in using different kinds of medical equipment. It is very important for every biomedical engineer to have preliminary knowledge of the hardware and software technologies capable of detecting the earliest signs of disease as a front-line defense.

Keeping in mind the motto of the domain, the Department of Biomedical Engineering, JISCE has organized **One Day WORKSHOP on “BIO-SIGNAL S & SYSTEMS: PRAGMATIC IMPLEMENTATIONS” (BSSPI-2019)** on **22nd October 2019** in the College Campus with a sole aim of giving an exposure to the students about the advanced bio-signal processing techniques and its impact and implementation for extracting information that can be used to understand the underlying physiological mechanisms of a specific biological event or system which may be useful for medical diagnosis.

The program started with a key-note address from **HOD-BME, JISCE** followed by the Resource Person of BSSPI-2019 – **Dr. Anwasha Khasnobish Scientist, TCS Research & Innovation Lab and B.Tech BME Alumnus (2009 pass out Batch).**

Main objective was to highlight the various technologies that are used in modern days in Biomedical Signal Acquisition & Processing Domain to the students of B.Tech BME 2nd , 3rd and 4th year, JISCE-Kalyani. She imparted knowledge to strengthen the concept of basic electronics, computation, communication, etc for effective circuit development, innovative project making and signal processing.

Key Features of the Program

BSSPI-2019 involves understanding of what works and what does not, correlating the theories behind modern signal processing systems as well as testing the theories one by one for their effective execution incorporating the concept of circuit making.

The workshop included Interactive Session and Hands-on Session on the wide spectrum of circuit components, their application, circuit development and MATLAB Programming which are being used in the field of Medical Technology as well as in Biomedical Research.

78 student participants from B.Tech Biomedical Engineering (2nd Year, 3rd Year and 4th Year) were divided into **various groups** for **day long rigorous hands-on session.**





This program was riveting and exceedingly enriching as the students were able to interact **with one of their most Prestigious Alumnus Dr. Anwesh Khasnobish (B.TECH BME 2009 pass out Batch)** as Resource Person who is presently working as **Scientist- TCS Research and Innovation Lab.**



Under the guidance of **Dr. KARABI GANGULY, CONVENER (BSSPI-2019) & HOD BME Department** along with all the faculty members, staff members and **Beloved Alumnus of BME-JISCE**, the program was conducted with utter enthusiasm and scrutiny. It was really a **great successful and wonderful event**.

OUTCOME:

The ultimate goal of every Biomedical Engineer is to keep the biomedical equipment into operation, analyze the bio-signals for health assessment or develop different assistive devices as it is a very important ability of the engineer to solve the healthcare related problem quickly and economically. They must build their knowledge on basics and continue to practice with the technology so that they get expertise in it.

The objective of the BSSPI-2019 Program was to impart knowledge about the advanced bio-signal processing techniques, its implementation and its impact for extracting information that can be used to understand the underlying physiological mechanisms of human system which may be useful for medical diagnosis, analysis, therapy or making different prosthesis.

It is our proud privilege that Dr. Anwasha Khasnobish, alumnus (B.TECH BME 2009 Batch) and Scientist-TCS, Research & Innovations enriched the program by practical implementations of circuit making process, signal processing techniques, encouraging extensive discussion, interactions on the scope and the importance of Bio-signals & Systems in real life scenario.



**ONE- Day National Workshop on “PCB DESIGNING FOR BIO-
INSTRUMENTATION”
(NWPDBI 2018) on 17.03.2018**

The department of Biomedical Engineering has organized a **ONE- Day National Workshop on PCB DESIGNING FOR BIO-INSTRUMENTATION (NWPDBI-2018)** on 17th March 2018 in the College Campus with a sole aim at giving a hands-on exposure to the students in PCB Design and Fabrication of various analytical, diagnostic and therapeutic equipments along-with biomedical laboratory instruments which is having enormous societal significance in terms of providing technological backbone and control to affordable patient care.

Main objective was to highlight the practical methods of PCB Designing for different kinds of medical equipments to the 2nd , 3rd and 4th year BME students of JISCE, Kalyani.





The program started with a key-note address from **Principal, JISCE** followed by the **Deans** and the **Convener of NWPDBI-2018 & HOD of BME Department**. The resource person from the industry, **Mr. S. Biswas, (MD, Crafronix Laboratoty Pvt. Ltd.)** gave a clear concept of PCB Designing Technology to the budding engineer. The Hands-on session was started at 11.00 A.M.

**ONE-DAY SEMINAR ON ROLE OF CSSD IN INFECTION CONTROL & STERILIZAION
(SRCICS 2018)**

The department of Biomedical Engineering has organized a **ONE- DAY SEMINAR ON ROLE OF CSSD IN INFECTION CONTROL AND STERILIZAION** on **28th JULY 2018** in the College Campus with a sole aim of giving a technical exposure to the students in CSSD, Sterilization and Infection Control of various analytical, diagnostic and therapeutic equipments which is having enormous societal significance in terms of providing quality healthcare to the mankind.

Main objective was to highlight the practical methods of Infection Control and Sterilization for different kinds of medical equipments as well as to give an exposure in CSSD and its Work-flow process to the 2nd, 3rd and 4th Year BME students of JISCE, Kalyani



The program started with a key-note address from the **HOD of BME Department** followed by that of the **Resource Person-Mr. Sahanawaj Ahmed (Sr. Manager - BME Department, Institute of Neurosciences Kolkata)**.

The resource person from the industry gave a clear concept of the Central Sterile Supply Department, workflow and inter-relation of CSSD with other department, various methods of Sterilization and different types of Sterilization Devices.

The interactive session was started at 01.00 P.M which also included post seminar evaluation of the entire 63 participants.

ONE- Day International Professional Exchange Program on Biomedical Equipment Technology

(BMET 2018) on 25.09.2018

The Department of Biomedical Engineering, JISCE has organized **Biomedical Equipment Technology (BMET) International Professional Exchange Program-2018** on 25th September 2018 in the College Campus as Partner Institute with NSEC-Kolkata with a sole aim of giving an exposure to the students in real life scenario of Biomedical Engineering out of JISCE & across globe.

The program started with a key-note address from **Principal, JISCE** followed by the **Convener of BMET-2018 & HOD of BME Department, JISCE Hon'ble Dignitaries-Mr. Larry Franklin McNesse (Instructor, University of Massachusetts); Mr. Hassan Aslami (Sr.Manager,USWDP) and Dr.Sukumar Roy (HOD-BME,NSEC-Kolkata)** discussed about the concept of bridging the gap between the technology and the engineer and growth of Biomedical Engineering.

Apart from them, other dignitaries were **Karimullah Shahpar(Dean- Kabul University of Medical Sciences); Pashtana Banayee (Head- Kabul University of Medical Sciences); MD. Mukhtar Sediqi (Technician- Kabul University of Medical Sciences); Asadullah Gaznawai (Admin Staff- Kabul University of Medical Sciences); Mohammad Amin (Faculty- Kabul Polytechnic University); Pazir Ahmad(Faculty- Kabul Polytechnic University); MD. Waleed Sami (Faculty- Kabul Polytechnic University); Enayatullah Fayaz (Faculty- Kabul University of Medical Sciences); Shafiqullah Shinwari (Faculty- Kabul University of Medical Sciences); Abdul Rashid Altaf (Senior Program Officer- USWDP).**







The objective of the **International Professional Exchange Program** was to impart in-depth knowledge on this important domain i.e Biomedical Equipment Technology.

The Workshop included Interactive Session and Practical Exposure on the Technology, Curriculum as well as Course Structure which is being used in Biomedical Engineering Department JISCE.

VISIT TO NIBMG, KALYANI on 11/11/2018

A One-Day industry visit on 11/11/2018 was organized by the Dept. of Biomedical Engineering, JIS College of Engineering, Kalyani for the students of B.TECH BME 1st, 2nd, 3rd and 4th year. The purpose of the visit was to enhance industry exposure of the students and to get practical insights into research world involving Biomedical Domain.

The visit was organized at NIBMG, Kalyani, an esteemed organization in the field of Biomedical Genomics Research.



As per schedule, the students of BME reached the Institute by 10 am. The pre lunch session was enlightened with a talk by Prof (Dr.) Harold E. Vermus about the world of research.

The post lunch session included visit to the Museum of NIBMG, Kalyani and Interactive session with Nobel Laureate Prof (Dr.) Harold E. Vermus.

PARENTS TEACHER MEETING



Centre for Management Studies, JISCE

Event Organized: (2019-2020)

SI No	Program Name	Speaker Name/ Organization Name	Conduction Date
1	Entrepreneurial Grooming Session	Mr. Tapojit Patra, Pursuing student, MBA Final Year, CMS.	19/07/2019
2	Pre-placement Interaction.	Expert from Bengal Beverages, Coca Cola, Dankuni.	21/08/2019
3	Students Presentation	All students of MBA 1st Year	26/08/2019
4	Celebration of Teachers' Day	All the faculty members and students of CMS Department	05/09/2019
5	Talent Hunt for New Comers	1st year students of CMS	20/09/2019
6	Fresher's Welcome	All the faculty members and students of CMS Department	20/09/2019
7	Pre-Diwali Celebration	All the faculty members and students of CMS Department	25/10/2019
8	Parent-Teachers Meet	Parents and the faculty members of CMS Department	09/11/2019
9	One day Workshop on Digital Marketing	Ogma Techlab	13/11/2019
10	Industrial Visit to Vivekananda Water Treatment Plant	Students of MBA and One faculty Member	12/02/2020
11	Parent-Teachers Meet	Parents and the faculty members of CMS Department	29/02/2020
12	Industrial Visit to Dream Bake, Winkies	Students of MBA, BBA and one faculty member of CMS Department	07/03/2020
13	Peer Learning session by MBA final year student placed with Bengal Beverage	Mr. Kunal Samaddar	02/04/2020
14	"Strategies to combat economic downfall in recent pandemic situation"	Mr. A. K. Sravat, CEO, Wabag Ltd. Bangkok	02/04/2020
15	Impact of Corona Virus on Industries with special reference to Apollo Diagnostics	Mr. Subhadeep Majumder, Territory Sales Manager, Apollo Diagnostics. (MBA Alumnus)	05/04/2020
16	Effect of Corona pandemic on Banking and Financial Sector	Mr. Subhadip Saha, Operations, Bank of India, Kolkata Zone	09/04/2020
18	India's Sanitation Mission & its Relevance in Present COVID-19 Pandemic	Dr. Rajarshi Banerjee (AVP-R&D), Banka BioLoo	12/04/2020
19	Celebration of Bengali New Year-1427	Students and Faculty members of CMS	15/04/2020
20	Online Competition on Public Speaking	Online Competition on Public speaking	16/04/2020
21	A Conversation with Charanpal Singh	Mr. Charanpal Singh, Executive(Accounts), Project Accountant, Larsen & Toubro Ltd.	22/04/2020
22	Parents Teachers Meeting	All the faculties and students of CMS	23/04/2020
23	An Overview on Talent Acquisition	Suman Kaur, HR Analyst, Allegis Global Solutions	25/04/2020
24	Debate Competition	BBA 1st Year Students	30/04/2020
25	Webinar on Effect of Lockdown on MSMEs of West Bengal	Mr. Sourav Kr. Roy, Manager (Non Conventional Energy Source), DIC(Nadia), WB	03/05/2020

26	Interview Skills	Sagorika Sanyal, VP, Talent Aquisition & Mgmt, INSync Solutions Ltd, Kolkata	05/05/2020
27	"EPC Project Management & Post COVID-19 Scenario"	Mr. Sabyasachi Mukhopadhyay, Joint Gm, Larsen & Toubro, Mumbai	11/05/2020
28	An International Webinar on "Post - Covid HR Policies" organized by Centre for Management Studies, JIS College of Engineering.	Dr. Richard Posthuma, Mike Loya Distinguished Professor of management, College of Business Administration, The University of El Paso	16/05/2020
30	Corporate HR Strategy to manage business efficiently during this pandemic	Speaker Mr.Arnab Biswas, VP, HR&ER,GKB Lens	30/05/2020

Webinar and Events Report
Centre for Management Studies
2020
JIS College of Engineering

Name of the Event	“Impact of Corona Virus on Industries with special reference to Apollo Diagnostics” by Mr.Subhadeep Majumder, Territory Sales Manager, Apollo Diagonistics. (MBA Alumnus)
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Department:Centre for Management Studies

Date: 02.04.2020

No of Beneficiaries:60

Outcome: Students were enlightened about the current scenario of corona outbreak on Industries.



Webinar on
'Impact of Corona Virus on Industries with special reference to Apollo Diagnostics'

Speaker:
Mr. Subhadeep Majumder (Alumnus - MBA 2009)
Territory Sales Manager, Apollo Diagnostics

Organized by: Centre for Management Studies, JISCE
Date: 5th April'20 | Time: 11 AM

Name of the Programme	“Effect of Corona pandemic on Banking and Financial Sector” by Mr. Subhadip Saha, Operations, Bank of India, Kolkata Zone.
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Department: Centre for Management Studies

Date: 09.04.2020

No of Beneficiaries:60

Outcome: Speaker highlighted about deficit, and how banking sector is tackling with the situation

**MBA- JISCE
Alumni Connect**

**JIS COLLEGE OF ENGINEERING
KALYANI**

**JIS
JIS GROUP
Educational Initiatives**

Webinar on
*"Effect of Corona Pandemic on Banking
& Financial Sector"*

Speaker:
Subhadip Saha
MBA 2011-13
Bank of India
Operations
Kolkata Zone

Organised by:
Centre for Management Studies
JIS College of Engineering
9th April, 2020 • 7:00pm

W: www.jiscollege.ac.in | M: +91 9432011490

Name of the Programme	Webinar on India's Sanitation Mission and its Relevance in Present COVID-19 Pandemic, by Dr. Rajarshi Banerjee, AVP(R&D), Banka BioLoo Ltd.
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Department: Centre for Management Studies

Date: 12.04.2020

No of Beneficiaries: 133

Outcome: This webinar helped in spreading the importance of the India's Sanitation Mission and its relevancy in this pandemic situation as well as how the students can do a little bit of community work through this mission.



www.jiscollege.ac.in

<p>Name of the Programme</p>	<p>Bengali New Year Celebration</p>
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Department: Centre for Management Studies

Date: 14.04.2020

No of Beneficiaries: 85

Outcome: It was like a fresh air for all the students and other participants during the period of lockdown. Students, Faculties enjoyed the program and welcomed Bengali new year with some wonderful performance and lively participations.



Name of the Programme	Online Competition on Public Speaking
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Department : Centre for Management Studies

Date: 16.04.2020

No of Beneficiaries: 46

Outcome: An altogether new experience for students to speak publicly via e-platform. Students were benefitted, as it helped them improve their public speaking ability without the fear of facing public.



<p>Name of the Programme</p>	<p>“Overcoming the challenges in Recent Economic Crisis”, by Mr. Charanpal Singh</p>
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Department: Centre for Management Studies

Date: 22.04.2020

No of Beneficiaries:55

Outcome: The webinar proved to be very effective for all business administration students. The speaker explained the effect of present lockdown, with the help of theories of Economics and business studies.

CMS - JISCE
Alumni Connect

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Educational Initiatives

A
Conversation with
Charanpal Singh
(BBA 2008-2011)
Larsen & Toubro Ltd.
Executive (Accounts) - Project Accountant
on
Overcoming The Challenges In Recent Economic Crises

organized by
Centre for Management Studies
JIS College of Engineering

22nd April 2020 | 6:00 pm

Contact: Swati Pal @ 98311 15947 www.jiscollege.ac.in

Name of the Programme	Parents Teacher Meeting
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Department: Centre for Management Studies

Date: 23.04.2020

No of Beneficiaries: 42

Outcome: Like every PTM, this was also highly appreciated by parents, who are worried about the progress of their wards due to lockdown. In spite of the lack of physical communication, the continued teaching-learning process of College is applauded by all the parents.



Name of the Programme	“An overview on Talent Aquisitions”, Speaker Suman Kaur, HR Program Analyst, Allegis Global Solutions
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Department: Centre for Management Studies

Date: 25.04.2020

No of Beneficiaries: 72

Outcome: All participants, especially , the final year students got immensely helped and inspired by the effective yes interesting talk by an alumnus of CMS, JISCE

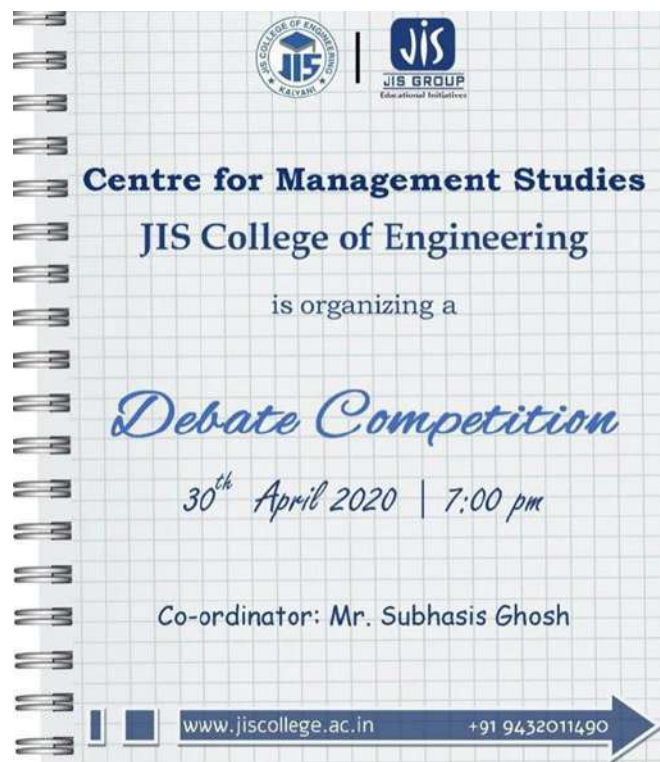


Name of the Programme	DEBATE COMPETITION
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Department: Centre for Management Studies

Date: 30.04.2020

No of Participants: 40



Name of the Programme	"Strategies to combat economic downfall in recent pandemic situation" by Mr.A.K. Sravat, CEO, Wabag Ltd. Bangkok.
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Department:Centre for Management Studies

Date: 02.04.2020

No of Beneficiaries:85

Outcome: A strategic approach toward, probably the most discussed issue of present time, by someone, who is both an industry person and an academician. Students' exposure to an international experience is another major outcome of the webinar.

CMS - JISCE
Industry Talk

JIS COLLEGE OF ENGINEERING
KALYANI

JIS
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Educational Initiatives

A
Rendezvous with
Mr. A. K. Sravat
Chief Executive Officer
Wabag Ltd., Bangkok

An International Webinar
on
**“Strategies to combat economic downfall
in recent pandemic situations ”**

Organized by
Centre for Management Studies
JIS College of Engineering

2nd May 2020
7 pm (IST) | 8:30 pm (Bangkok)

www.jiscollege.ac.in | +91 9432011490

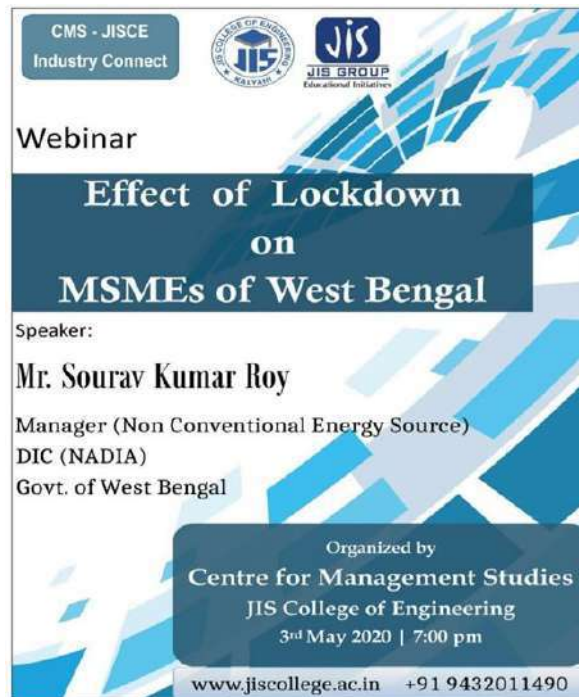
<p>Name of the Programme</p>	<p>“Effect of Lockdown on MSMEs of West Bengal”, by Mr. Sourav Kumar Roy, Manager, DIC, Govt. of West Bengal</p>
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Department: Centre for Management Studies

Date: 03.05.2020

No of Beneficiaries: 57

Outcome: This short yet data-driven talk helped all the participants including students to get access to ground level reality, during Covid Pandemic. How MSMEs are thriving for existence during this crisis and discussion on future roadmap for the industry is a great learning experience for all budding managers of tomorrow.



Name of the Programme	“Interview Skills”, Speaker Ms. Sagorika Sanyal,VP, Talent Aquisition & Mgmt, INSync Solutions Ltd, Kolkata
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Department: CMS

Date: 05.05.2020

No of Beneficiaries: 200

Outcome: received overwhelming responses from more than 200 students from varied streams consisting of BBA, MBA, BTech, BCom, Hotel management and many more. Webinar speaker Ms. Sagarika Sanyal,VP, Talent Acquisition and Management of In Sync Solutions elaborated minute details for preparing for interviews especially for freshers. It was indeed an excellent session.

CMS - JISCE
Skill Development

JIS COLLEGE OF ENGINEERING
KALYANI

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JIS GROUP
Educational Initiatives

Interview Skills

Webinar
Organized by
Centre for Management Studies
JIS College of Engineering
on
5th May 2020 6:00 pm

Speaker
Ms. Sagorika Sanyal
Vice President
Talent Acquisition & Management
InSync Solutions Ltd., Kolkata.

www.jiscollege.ac.in +91 9432011490

<p>Name of the Programme</p>	<p>EPC Project Management & Post COVID-19 scenario, by Mr. Sabysachi Mukhopadhyay, Joint Gm, L&T, Mumbai</p>
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Department: CMS

Date: 11.05.2020

No of Beneficiaries: 50

Outcome: Highlighted the process carried out in plant of L&T, and the safety measures followed to combat COVID-19.

CMS - JISCE
Industry Talk

JIS
JIS GROUP
Educational Initiatives

Webinar
on
"EPC Project Management & Post COVID-19 Scenario"

Speaker
Mr. Sabyasachi Mukhopadhyay
Joint General Manager
Larsen & Toubro, Mumbai

Organized by
Centre for Management Studies
JIS College of Engineering
11th May 2020 7:00 pm

Coordinator: Subhasis Ghosh
+91 8282935496
subhasis.ghosh@jisgroup.ac.in

www.jiscollege.ac.in
+91 9432011490



<p>Name of the Programme</p>	<p>“Post CoVID HR Policies”, by Dr. Richard Posthuma, Mike Loya Distinguished Professor of management, College of Business Administration, The University of El Paso.</p>
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Department: CMS


Date: 16.05.2020

No of Beneficiaries: 60

Outcome: Discussed the probable new trends in HR policies

An International Webinar
on
“Post-Covid HR Policies”



Speaker :
Dr. Richard Posthuma
Mike Loya Distinguished Professor of Management
College of Business Administration
The University of Texas at El Paso (UTEP)

Organized by
Centre for Management Studies
JIS College of Engineering

16th May 2020
 7 pm (IST) | 8:30 am (Texas)
 Coordinator : Swati Pal

www.jiscollege.ac.in | +91 9432011490

<p>Name of the Programme</p>	<p>“Corporate HR Strategy to manage business efficiently during this pandemic”, Speaker: Mr. Arnab Biswas, VP, HR&ER,GKB Lens, Highlighted the new trend of job opportunities</p>
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Department: CMS

Date: 30.05.2020

No of Beneficiaries: 120

Outcome: Highlighted the new trend of job opportunities

The poster features the logos of JIS College of Engineering (JIS) and JIS Group Educational Initiatives at the top. The main text reads: "Join us for a WEBINAR on CORPORATE HR STRATEGY TO MANAGE BUSINESS EFFICIENTLY DURING THIS PANDEMIC." Below this, a circular inset shows a portrait of Mr. Arnab Biswas. To the left of the circle, the date and time are listed: "SATURDAY 30TH MAY 11:30AM". At the bottom, it states "Jointly organized by: Department of Administration & Centre for Management Studies JIS College of Engineering" and "ARNAB BISWAS VICE PRESIDENT HR & ER GKB RX LENS PRIVATE LIMITED". The website "www.jiscollege.ac.in" and phone number "+91 9432011490" are at the very bottom.



Department of Computer Science of Engineering, JISCE

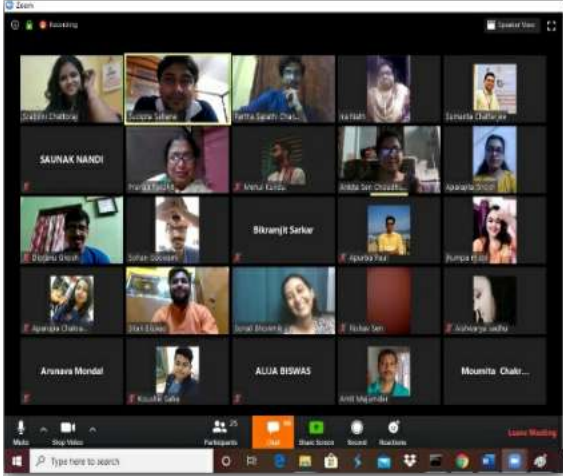
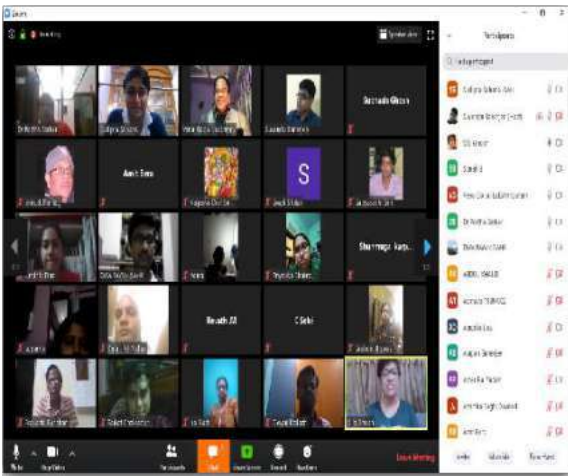
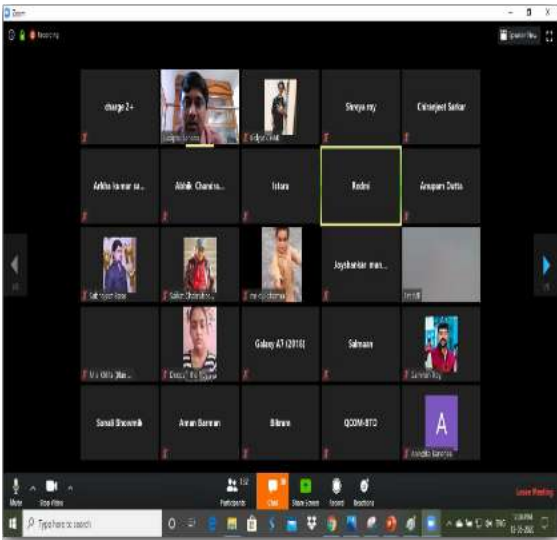
Event Organized: (2019-2020)

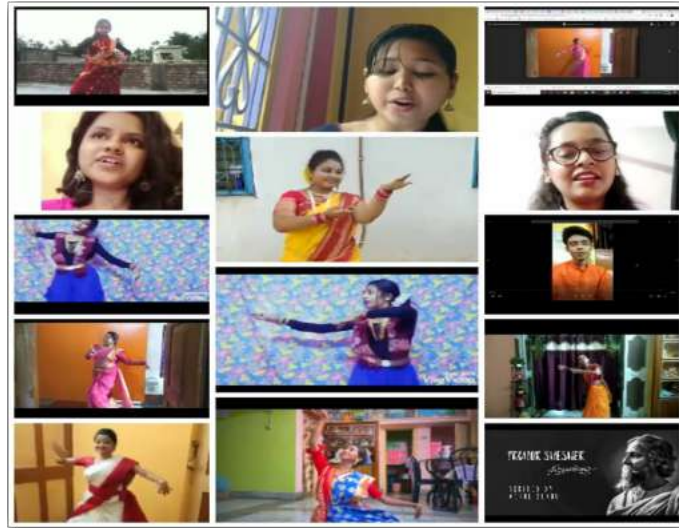
SI No	Program Name	Speaker Name/ Organization Name	Conduction Date (DD/MM/YYYY)	Participants
1	Ethical Hacking	Mr. Soumya Raha, Ardent Computech Pvt. Ltd.	05-04-2020	77
2	Data Analytics	Mr. Mukul Basu, GlobNet Systems	08-04-2020	89
3	Recent Trends in IT Industry	1. Mr. Suvam Sinha, Senior Application Developer at Bank of New York, Formerly worked as Software Engineer at Manhattan Associates. 2. Mr. Raktim Ghosh, Senior Software Engineer at Bank of America, formerly worked as Senior Software Engineer at Zycus. 3. Mr. Subhosmit Choudhury, Senior Software Engineer at Union Bank of Switzerland (UBS), Formerly Associate Consultant at Capgemini.	10-04-2020	100
4	Machine Learning with Cloud Technologies	Mr. Victor Mukherjee, DigiMind	11-04-2020	92
5	Industry Expectation from Engineering Graduates Students	Mr. Pawan Kumar Singh, Sr. Advance Software Architect, Honeywell Technology Solution Lab	20/04/2020	70
6	Recent Trends and opportunities in IT Industry	Mr. Dibyendu Santra, Sr. Software Engineer, Microsoft	19/04/2020	80

7	National level Coding Competition	CSI	18/04/2020	150
8	Stress Management	Ms. Priya Kantam, Art of Living	18/04/2020	60
9	Digital Parent Teacher Meeting	All Parents, Department Faculties	18/04/2020	70
10	online cultural Event	Department Faculties, Students	22/04/2020	70
11	Webinar to Diploma students about the opportunity for higher Study	Department Faculties	23/04/2020	30
12	National Webinar on 'As you Sow, so shall you Reap'	Shri Venugopal Lakshmipuram, International Motivational Speaker	25/04/2020	184
13	Webinar on "How to prepare for GATE Exam"	Miss Sweta Shaw, Pursuing M. Tech, IIT Bombay, Alumnus 2016	24/04/2020	90
14	Recent Trends in Cyber Security & Blockchain	Dr. Ditipriya Sinha (Asst. Professor, NIT Patna)	29/04/2020	75
15	Inernshala Internship Program	Coordinator of Inernshala (Debasree Mitra)	30/04/2020	40
16	Peer Learning	Sattik Das, Raju Sharma, Ravi Raj Bandhu, Anshu Kumar Shandilya, Gaurav Keshari, Aquib Jawed, Arghya Bhowmik.	21/04/2020	55
17	CSI National Idea Submission	CSI Student Chapter	12/04/2020-13/04/2020	180
18	Webinar on "You need to know more: Some Investigations in Aspect based Sentiment Analysis"	Dr. Asif Ekbal, Associate Professor, CSE Dept., IIT Patna	05-05-2020	72
19	Webinar on Software Engineering	Webinar Conducted by Sumanta Chatterjee, Assistant Professor, CSE, JISCE	07-05-2020	65
20	National Webinar on 'CORONA: The Other Facts	Webinar Conducted by Dr. Dipankar Ghosh	07-05-2020	150
21	National Level Online Photography Competition- CSE 2020	Conducted by Apurba Paul, Assistant Professor, CSE Dept, JISCE	08-05-2020	75
22	A Digital Cultural Celebration of Rabindra Jayanti by CSE dept on 11.05.2020	Conducted by Jhumpa Mistri, Assistant Professor, CSE Dept, JISCE	11-05-2020	60

23	National Level 48 Hrs. Online Android App Development Challenge		11-05-2020	213
24	National Webinar on "Web Development using MERN Stack	Rajan Chhetri, Technical Consultant, Skill Priority Education	12-05-2020	136
25	"Realization of Client Server Process by Amalgamating Computer Network & Web Technology" for Diploma Students	Webinar Conducted by Sudipta Sahana, Assistant Professor, CSE, JISCE	12-05-2020	133
26	Webinar on "Changing Role of Public Sector: Job Opportunities & Challenges"	Webinar Conducted by Ms. Hafsa Rahaman , Divisional Engineer (IT & C) , West Bengal State Electricity Distribution Company Limited (WBSEDCL), Kolkata , Alumnus 2009	14/05/2020	120
27	Two-Day National Workshop on "Time Series Analysis and Distributed Computing"	Webinar Conducted by Mr. Sayantan Chakraborty, Technical Consultant (http://www.iamct.org/Sys/PublicProfile/12979906)	14/05/2021	103
28	AWS Cloud Basic Architecture	Webinar Conducted by Mr. Biswanath Mondal, Cloud Architect at Tata Consultancy Service	16/05/2020	80
29	Parent Teacher Meeting	All Parents	16/05/2020	50
30	Cultural Evening by CSI Student Chapter	CSI	17/05/2020	100
31	webinar on "Art of Self - Motivation, Career path and role of passion"	Webinar Conducted by Mr. Sohan Goswami, Alumnus 2011 of CSE dept.	31/05/2020	110
32	Training on Machine learning using Python	Dr. Pranati Rakshit, Amit Majumder, Apurba Paul	8/6/2020-24/6/2020	650
33	One Week National Level Student Development Programme (SDP) on "Entrepreneurship and Product Development" organised by CSE dept on 07.06.2020.	Day 1: Mr. Dhruv Prasad Gupta (Alumnus 2010), Senior Consultant, Entel, Chile, S. A Day 2: Mr. Kaushik Kumar (Alumnus 2018) IT Developer, Tata Steel Private Ltd. Day 3: Mr. Joydip Ghosh (Alumnus 2016) CEO Ninja Lifestyle. Topic: Building a 7 Figure Profitable edtech Startup Day 4: Mr. Subhranil	07/06/2020-11/06/2020	Day 1:450 Day2:350 Day3:400 Day 4:350 Day 5:400

		<p>Mukherjee (Alumnus 2013) IT analyst TCS. Day 5: Mr. Sankha Chatterjee (Alumnus 2005) Product Manager, Quest Global, USA.</p>		
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Department of Information Technology, JISCE

Event Organized: (2019-2020)

Sl No	Program Name	Speaker Name/ Organization Name	Conduction Date (DD/MM/YYYY)	Participants
1	Recent Trends in Information Technology	Mr. Soumya Kanti Chakraborty, Senior Associate, CTS Mr. Soutrik Chatterjee, Assistant Manager (IT), WBPDC Ms. Poulomi Paul, IT Analyst, Tata Consultancy Services Ltd. Mr. Sabyasachi Sen, Senior Consultant, Price Waterhouse Coopers Pvt. Ltd Mr. Soumyadeep Dutta, Associate, Cognizant Technology Solutions	31/08/2019	130
2	One Day Seminar on Block Chain and Ethical Hacking	Mr. Suman Kumar Das, System Engineer at Zensar Technology	05/09/2019	60
3	One Day Seminar on Cloud Computing.	Mr. Pramit Mitra, Data Platform Engineer, E-Bay (USA)	25/10/2019	60 Students (IT-BCA)
4	Expert Lecture- Sayan Mitra	Mr. Sayan Maitra, Team Lead- SAP MM & ARIBA Consultant, Accenture, Mumbai	04/02/2019	60 Students (IT-BCA)
5	Recent Trends in IT	Mr. Sunava Neogi IT-Analyst-TCS Ms. Sutapa Bose- Team Lead- CTS Mr. Abhijit Mishra - Associate Consultant- Capgemini Mr. Suman Kumar Das- S/W Engineer, Zensar Tech. Mr. Maharnab Gupta- Senior Consultant-PWC	15/02/2019	167 Students (IT-BCA)
6	PHP with Angular JS	TechTree Technologies	03/04/2020	90
7	ERP in Modern IT Industry	Mr. Sayan Maitra, Team Lead- SAP MM & ARIBA Consultant, Accenture, Mumbai.	07/04/2020	74
8	Industry Automation - Need of the Hour-Covid19	Mr. Sourav Majumder, Senior Project Manager, Wipro Technology Limited, Kolkata	08/04/2020	96
9	Oracle Autonomous Database	Mr. Biswajit Chatterjee, Assistant Consultant, Tata Consultancy Services Limited, Kolkata.	09/04/2020	83
10	Dockers	Mr. Vikramjit Saha, Associate Consultant, Tata Consultancy Services, SouthAfrica	10/04/2020	64
11	Containerization of Database	Mr. Pramit Mitra, Senior Data Engineer, ORACLE, Seattle, Washington, USA	11/04/2020	76
12	Container Database	Mr. Gaurav De, Senior Software Engineer,	12/04/2020	64

		VMWare, Toronto, Canada		
13	Functional Programming in Clojure - 101	Mr. Gautam Roy, Senior Software Engineer, Functional Programmer, Brainsfeed Limited	13/04/2020	57
14	Digital Borshoboron- Khola Canvas	Students from IT-BCA	14/04/2020	56
15	MS SharePoint-- Power Platform	Mr. Tanay Karmakar, Technology Lead, Infosys Technology Limited	15/04/2020	46
16	Azure Cloud	Mr. Shuvrajoti Debroy, Azure Developer, Vubiquity, Data Engineer, Amdocs, Cyprus, European Union	16/04/2020	51
17	Doctor's Corner: COVID-19	Prof. (Dr.) Ramanuj Sinha, Professor, Department of E.N.T, Medical College Kolkata	17/04/2020	111
18	Cloud Architecture- Microservices Architecture	Mr. Anirban Mukherjee, Senior IT Architect, IBM	18/04/2020	42
19	Parent-Teacher Meeting (IT 1st Year-BCA 1st Year)	All Departmental Teachers & Students Parent	18/04/2020	60
20	Software Engineering and Agile, Recent needs of IT Industry	Mr. Sandip Chatterjee, Business and Integration Arch Manager, Accenture, United Kingdom	19/04/2020	58
21	A Practitioner's Approach - How to Engineer Quality into Software Products	Mr. Alip Chattopadhyay, Global Practice Manager - Quality Engineering, Ascendum Solutions, USA	21/04/2020	64
22	Students Seminar: IT-BCA (1st-2nd Yr)	IT & BCA 1st & 2nd Year Student	23/04/2020-24/04/2020	150
23	Main Frame Systems	Mr. Subnhas Riychowdhury, Assistant Consultant, Tata Consultancy Services, Netherland	26/04/2020	52
24	A Guide to Software Lifecycle	Ms. Priyanka Sen, Senior Consultant, Cognizant Technology Solution, India.	29/04/2020	72
25	Internshala Seminar	Coorindtorr of Intershala(Debasree Mitra)	29/04/2020	99
26	Parent-Teacher Meeting (IT-BCA 2nd Year-4th Year)	All Departmental Teachers & Students Parent	30/04/2020	70
27	Alumni Meet- Nostalgia	Alumnus of IT Department	01/05/2020	84
28	Let the Music Speak! A Grand Musical Evening with Alumni	Alumnus of IT Department with current students	03/05/2020	136
29	Kabi Pranam - A Digital Celebration of Rabindranath Tagore Jayanti	Students from IT-BCA	08/05/2020	80
30	National Competition "Waste to Art"	Students from IT-BCA	10/05/2020	45
31	Mothers' Day Celebration	Students from IT-BCA	10/05/2020	50

32	Let's Study Online - Basics of Computer Programming for 2020 Students.	Prolay Ghosh , Assistant Professor, IT Soumyabrata Saha, Assistant Professor, IT Debasish Sanki , Assistant Professor, IT	11/05/2020	40
33	Yoga Session - World after COVID 19	Mr. Subhabrata Bhattacharjee, Founder & Director of Mantra Life Style Health Care, Kolkata	15/05/2020	55
34	Java AWT based Application development- Hands on Training	Annwasha Banerjee, Assistant Professor, IT	12/05/2020-17/05/2020	45
35	Galleria - Reflection of Thoughts.	Students from IT-BCA	31/05/2020	85
36	Biological Database	Dr. Angshuman Bagchi, Associate Professor, Department of Biochemistry & Biophysics, University of Kalyani	09/06/2020	112
37	Role of IT in Banking Sector	Ms. Mousumi Roy, Assistant Manager, Bank of India	16/06/2020	50
38	Technical Training on Basic of Python and Web Application Development	Mr. Goutam Roy, Senior Software Engineer, Brainsfeed Ltd, Kolkata, Mr. Himanshu Das, Software Developer, Bluestacks Annwasha Banerjee, assistant Professor, IT Rupashri Barik, Assistant Professor IT	15/06/2020-04/07/2020	85
39	Training on Oracle Database: OLTP-OLAP with Performance Tuning'	Mr. Pramit Mitra, Senior Data Engineer, ORACLE, USA, Mr. Vikramjit Saha, Associate Consultant, Tata Consultancy Services, SouthAfrica, and Mr. Biswajit Chatterjee, Assistant Consultant, Tata Consultancy Services Limited, Kolkata Suparna DasGupta, Assistant Professor, IT Aniruddha Biswas Assistant Professor, IT	17/06/2020-04/07/2020	63

Event Organized: (2018-2019)

Sl No	Program Name	Speaker Name/ Organization Name	Conduction Date (DD/MM/YYYY)	Participants
1	Student Seminar by IT 3 rd Year students	NA	14/08/2018	IT 3 rd year Students
2	Student Seminar by IT 2 nd Year students	NA	20/08/2018	IT 2 nd year Students
3	One Day Seminar on Recent Trends of Information Technology	Ms Deeya Roy, CTS, Kolkata Mr. Biswajit Chatterjee, CTS, Kolkata Mr. Souradeep Sengupta, CTS, Kolkata	08/09/2018	All IT & CA departmental Students
4	Industry Visit at Sys Algo. & Vision Technology	NA	16/03/2019	IT 3 rd year students
5	Workshop on Angular JS	Amar Banerjee, Technical Head, Ogma Tech.	08/04/2019	IT 3 rd year and 2 nd year
6	Departmental Seminar on Digital Pedagogy	Faculty & Students	25/04/2019	All IT & CA departmental Students
7	Farewell ceremony of IT & CA 2019 pass out Students.	All Final Year Students-2019 pass out	21/05/2019	Faculty & Students

Event Organized: (2017-2018)

Sl No	Program Name	Speaker Name/ Organization Name	Conduction Date (DD/MM/YYYY)	Participants
1	Technical Seminar on Big Data Hadoop	Titas Chatterjee, Technical expert, Ardent	18/11/2017	80
2	Awareness program on Entrepreneurship Development under Pradhan Mantri Yuva Yojna, Govt. Of India	Mr. Sourabh Mishra, Nodal Manager (Eastern Region)	23/11/2017	2nd year UG students
3	2nd year Student Seminar	NA	05/03/2018	50
4	3rd year Student Seminar	NA	07/03/2018	45
5	International Womans' Day Celebration	NA	08/03/2018	All IT Departmental Students
6	Workshop on PC Assembling and software installation	Departmental Faculty & Staffs	10/03/2018	65
7	One Day Hands-on workshop on Android	Experts from E-Job, India	07/04/2018	50

Webinar-Events Report

Department of Information Technology

2019-2020

JIS College of Engineering

Name of the Programme	One day seminar on Recent Trends in IT By Soumyakanti Chakraborty, IT-2009 Batch, CTS Sabyasachi Sen, IT-2011 Batch, PWC Soumyadeep Dutta, IT 2011 Batch, CTS Soutrik Chatterjee ,IT2010 Batch, WBPDCL Poulomi Paul, IT 2014 Batch, TCS
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Department: Information Technology

Date: 31.08.2020

No of Beneficiaries:140

Outcome: Students have learned the knowledge about Recent Trends in IT.



Name of the Event	One Day Seminar on Block Chain and Ethical Hacking by Mr. Suman Kumar Das, System Engineer at Zensar Technology
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Department: Information Technology

Date: 05.09.2019

No of Beneficiaries:69

Outcome: Students have the understanding of Ethical Hacking & Block Chain



<p>Name of the Programme</p>	<p>Webinar on PHP with Angular JS By TechTree Technologies</p>
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Department: Information Technology

Date: 03.04.2020

No. of Beneficiaries: 90

Outcome: Students have learned the knowledge about the PHP and Angular JS.

The image displays three slides from a webinar presentation:

- Slide 1 (Top Left):** A collage of logos including PHP, MySQL, AngularJS, and the TechTree logo with the tagline "ENHANCING TALENT". Other logos for Machine Learning and DATA SCIENCE are also present.
- Slide 2 (Top Right):** Titled "Famous Websites in Angular", it features a central AngularJS logo surrounded by logos for YouTube, Up, PayPal, LEGO, iStock, Facebook, and Netflix.
- Slide 3 (Bottom):** A diagram titled "Web App" illustrating the architecture. A "USER" (represented by a smiley face) interacts with a front-end server (AngularJS) on localhost:4200. This server communicates with a back-end server (PHP) on localhost:8080. The PHP server connects to a MySQL database on localhost:3306, performing "INSERT" and "RETRIVE" operations. The TechTree logo is visible in the bottom right corner.

<p>Name of the Programme</p>	<p>Webinar on ERP in Modern IT Industry by Mr. Sayan Maitra, Team Lead- SAP MM & ARIBA Consultant, Accenture, Mumbai.</p>
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Department: Information Technology

Date: 07.04.2020

No of Beneficiaries: 74

Outcome: Participants are benefitted about the knowledge of the recent topics of IT Industry.

The collage consists of four screenshots from a webinar presentation:

- Top-left:** Webinar title slide for "ERP in Modern IT Industry" featuring logos for JIS College of Engineering and JIS Group. The speaker is Sayan Maitra, Team Lead - SAP MM, ARIBA Consultant at Accenture, Mumbai. The event is organized by the Department of Information Technology at JIS College of Engineering on 7th April 2020 at 12 Noon.
- Top-right:** A slide titled "COMPANIES IN INDIA USING SAP" displaying logos of numerous Indian companies including MRF, Big Bazaar, Hero, Asian Paints, Jindal Steel & Power, Pepsico, Britannia, Samsung, and Titan.
- Bottom-left:** A slide titled "EVOLUTION OF SAP ERP" showing the timeline from SAP R/2 (1970/80's) to SAP R/3 (1990's), SAP Business Suite (2005), and SAP S/4HANA (2015).
- Bottom-right:** A slide titled "FUNCTIONAL MODULES IN SAP" listing various modules such as Financial Accounting (FI), Financial Supply Chain Management (FSCM), Controlling (CO), Materials Management (MM), Sales and Distribution (SD), Logistics Execution (LE), Transportation Management, Production Planning (PP), Quality Management (QM), Plant Maintenance (PM), and Project System (PS).

<p>Name of the Programme</p>	<p>Webinar on Industry Automation - Need of the Hour-Covid19 by Sourav Majumder, Senior Project Manager, Wipro Technology Limited, Kolkata</p>
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Department: Information Technology

Date: 08.04.2020

No of Beneficiaries: 96

Outcome: Industry Automation and its execution have discussed in the webinar and how COVID-19 has been affected the industry situation.

Alumni Connect
Industry Lecture Session

Webinar on "Industry Automation -Need of the Hour- Covid19"

Organised by:
Department of Information Technology
JIS College of Engineering
Date: 8th April 2020 || Time: 1PM

Speaker
Sourav Majumder
Senior Project Manager
Wipro Technologies Limited

www.jiscollge.ac.in M: +91 9432011490

Zoom Meeting ID: 83-98-00

Participants (96)

1.0
2.0
3.0
3.5
4.0
5.0

Internet of Industrial revolution

- 1.0 - Introduction
- 2.0 - Evolution
- 3.0 - Adoption
- 3.5 - Disruption
- 4.0 - Disruption
- 5.0 - Personalization

Zoom Meeting ID: 82-50-28

Participants (96)

Progress Index

Growth in the Internet Of Things
The number of connected devices will exceed 10 billion by 2020

2010	0.5B
2012	1.2B
2014	2.2B
2016	3.4B
2018	5.7B
2020	11.2B
2022	22.3B
2024	34.8B

INCEPTION

The sky's not the limit. It's only the beginning with IoT!

Zoom Meeting ID: 83-98-00

Participants (96)

Agenda:

- 01 Introduction
- 02 Examples
- 03 Use Cases
- 04 Q&A Session

4. INDUSTRY

<p>Name of the Programme</p>	<p>Webinar on Oracle Autonomous Database by Biswajit Chatterjee, Assistant Consultant, Tata Consultancy Services Limited, Kolkata</p>
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Department: Information Technology

Date: 09.04.2020

No of Beneficiaries: 83

Outcome: Details hands-on have demonstrated on ORACLE and all participants have benefited of this session.

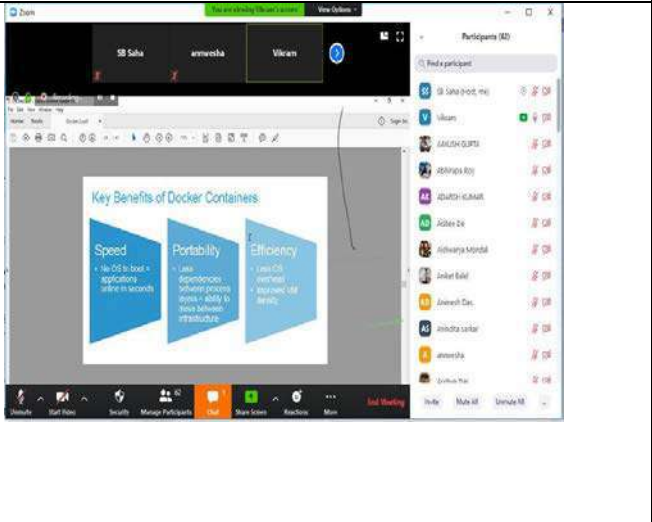
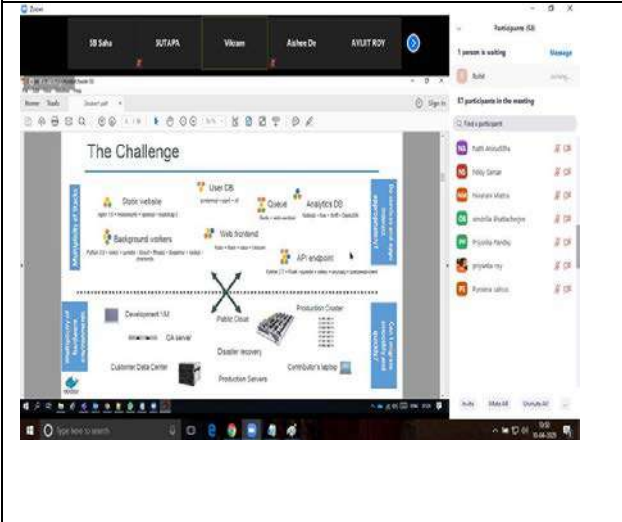
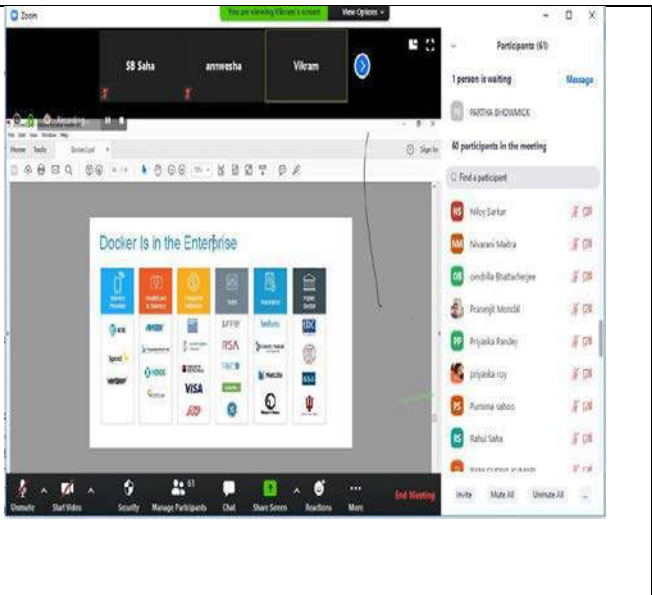
<p>Name of the Programme</p>	<p>Webinar on Dockers by Vikramjit Saha, Associate Consultant, Tata Consultancy Services, South Africa.</p>
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Department : Information Technology

Date: 10.04.2020

No of Beneficiaries: 64

Outcome: All partipants have benfitted about the details execution of Dockers.



<p>Name of the Programme</p>	<p>Webinar on Containerization of Database by Prमित Mitra, Senior Data Engineer, ORACLE, Seattle, USA</p>
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Department: Information Technology

Date: 11.04.2020

No of Beneficiaries: 76

Outcome: Hands-on Session has conducted of the containerization of Database along with ORACLE.

Alumni Connect
Industry Lecture Session

Webinar on "Containerization of Database"

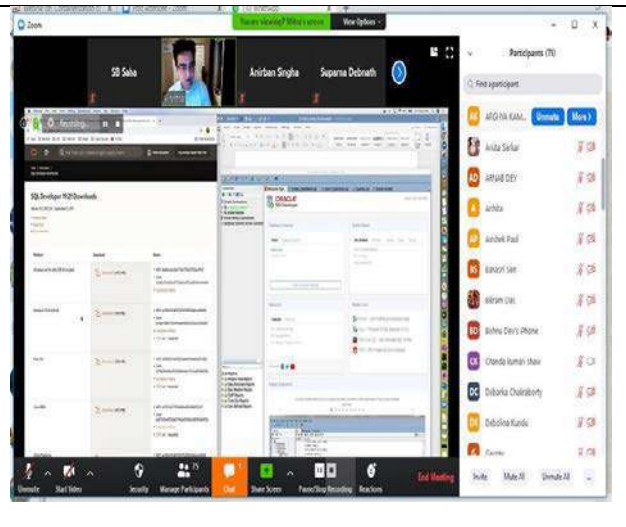
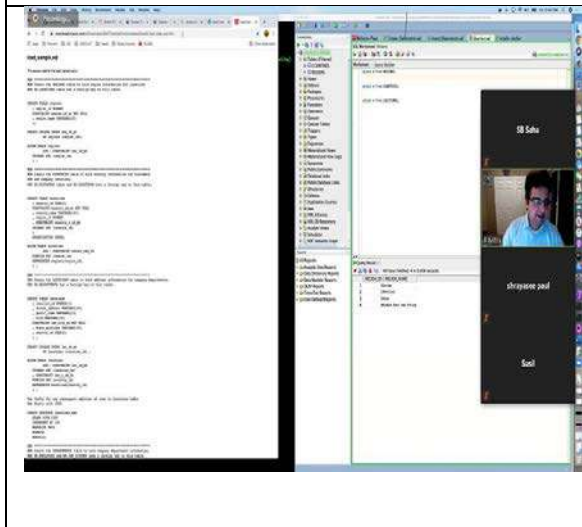
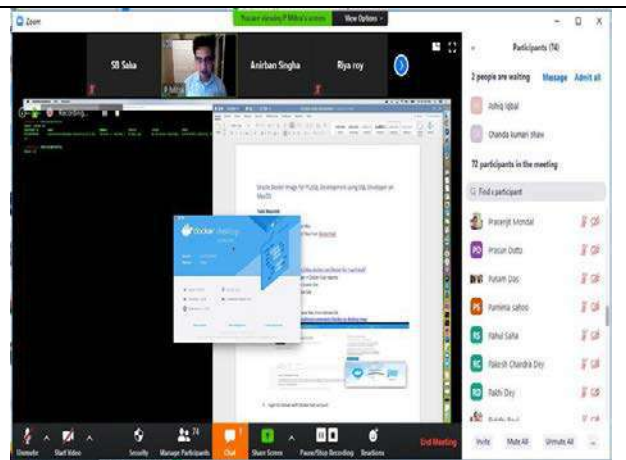
Organised by:
Department of Information Technology
JIS College of Engineering

Date: 11th April 2020 || Time: 10AM IST

Registration: <https://forms.gle/KX3xU7Eas2PXjr987>

Speaker
Prमित Mitra
Senior Data Engineer
ORACLE, Seattle, USA

www.jiscollege.ac.in M: +91 9432011490



<p>Name of the Programme</p>	<p>Webinar on Container Database by Gaurav Dey, Senior Software Engineer, VM Ware, Toronto, Canada</p>
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Department: Information Technology

Date: 12.04.2020

No of Beneficiaries: 64

Outcome: Participants have acquired knowledge on Container Database.

Alumni Connect
Industry Lecture Session

Webinar on "Container Database"

Organised by:
Department of Information Technology & Department of Computer Application
JIS College of Engineering

Date: 12th April 2020 || Time: 9.30AM IST

Registration: <https://forms.gle/BS1839ZHg1zYYKx7>

www.jiscollege.ac.in M: +91 9432011490

Speaker: **Gaurav Dey**
Senior Software Engineer
VMWare, Toronto, Canada

Beyond the Server

Database server	Tuning	Logical Defaults	Tuned & configured by default for your workload type
Operational Management	Auditing	Backup & Restore	High Availability
Containerisation	Encryption	Upgrades	Fleet Management
Default service plans	Self-service APIs	Dashboards	CLI

Database is always secure and compliant

Management is automated at scale for all data instances

Scalability is built-in as part of on-demand implementation

Developers have the tools to troubleshoot

What is pairing

- two people working to solve a problem
- working on the same thing at the same time
- continuous review
- sharing the cognitive load
- sitting next to each other (usually) - could be across from one another
- working using the same computer/tools/workstation
- making joint decisions
- sharing the driving/taking turns
- encouraging each other

Beyond the Server

Database server	Tuning	Logical Defaults	Tuned & configured by default for your workload type
Operational Management	Auditing	Backup & Restore	High Availability
Containerisation	Encryption	Upgrades	Fleet Management
Default service plans	Self-service APIs	Dashboards	CLI

Database is always secure and compliant

Management is automated at scale for all data instances

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<p>Name of the Programme</p>	<p>Webinar Functional Programming in Clojure-101 by Gautam Roy, Senior Software Engineer, Functional Programmer, Brains feed Limited</p>
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Department: Information Technology

Date: 13.04.2020

No of Beneficiaries: 57

Outcome: Functional Programming has discussed along with details execution and the identified the importance of these programming approaches.

Alumni Connect
Industry Lecture Session

Webinar on "Functional Programming in Clojure - 101"

Organised by:
Department of Information Technology & Department of Computer Application
JIS College of Engineering

Date: 13th April 2020 || Time: 10 am

Registration: <https://forms.gle/ZncA18ZQMee7cVv38>
www.jiscollege.ac.in M: +91 9432011490

Speaker: **Gautam Roy**
Senior Software Engineer
Functional Programmer
Brainsfeed Limited

Functional Programming in Clojure

13 April 2020

@gautamr © 2020

Let's begin with some inspirations

Most Loved, Shared, and Watched

Top Popping Technologies

Challenge of Now

Moore's law is now governed by # of CPU cores but clock speed

- How to leverage multicores

Effectively
Simple way
Faster
Less error/error less

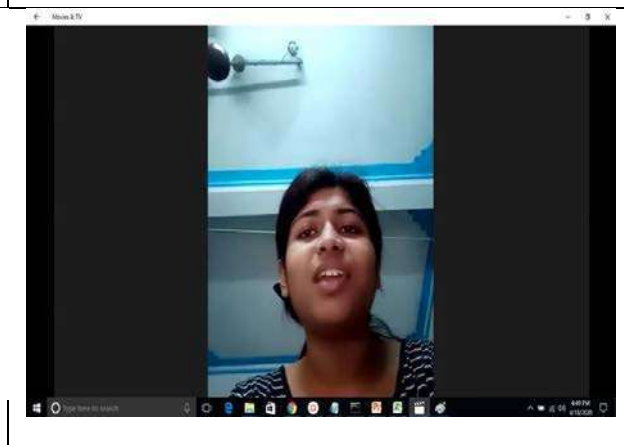
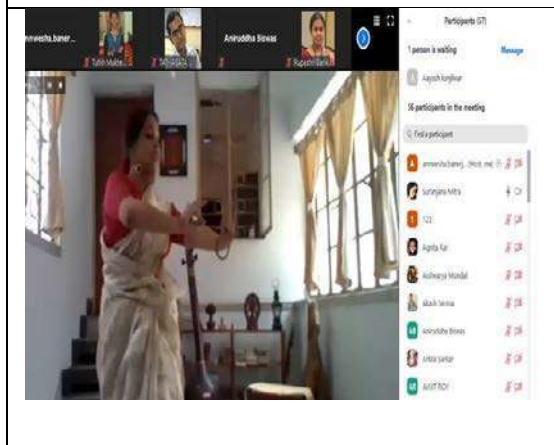
35 YEARS OF MICROPROCESSOR TREND DATA

<p>Name of the Programme</p>	<p>DIGITAL BORSHOBORON A CULTURAL EVENING-AT KHOLA CANVAS organize by Department of IT</p>
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Department: Information Technology

Date: 15.04.2020

No of Participants: 56



<p>Name of the Programme</p>	<p>Webinar on MS SharePoint--Power Platform by Tanay Karmakar, Technology Lead, Infosys Technology Limited, Bhubaneswar</p>
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Department: Information Technology

Date: 15.04.2020

No of Beneficiaries: 46

Outcome: Details deliberation has presented on MS SharePoint and Power Platform along with the application of the same.

Alumni Connect
Industry Lecture Session

Webinar on "MS SharePoint--Power Platform"

Organised by:
Department of Information Technology & Department of Computer Application
JIS College of Engineering

Date: 15th April 2020 || Time: 10:00am

Registration: <https://forms.gle/c27cVXILNptCbJQH9>

www.jiscollege.ac.in M: +91 9432011490

Speaker
Mr. Tanay Karmakar,
Technology Lead,
Infosys Technology Limited
Bhubaneswar

What is SharePoint?

Collaboration Power Platform

Manage Risk Manage Cost Manage Your Time

Find the perfect balance between compliance and collaboration. Efficiently manage infrastructure while managing risk, minimizing downtime and complexity. Empower end users while managing risk, complexity and costs.

Apps for Office and SharePoint

SharePoint Office

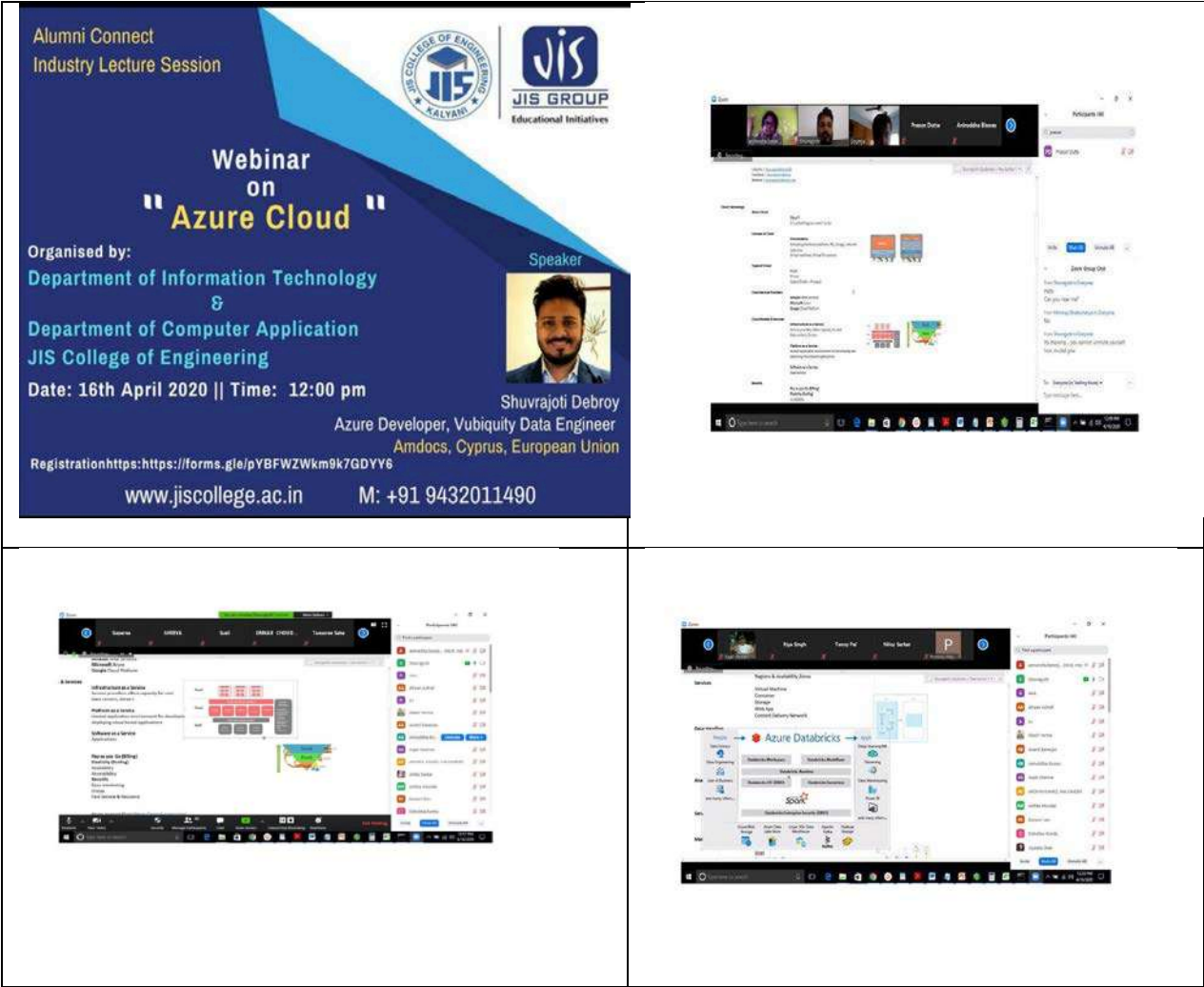
<p>Name of the Programme</p>	<p>Webinar on Azure Cloud by Mr. Shuvarajyoti DebRoy, Azure Developer, Vubiquity, Data Engineer, Amdocs, Cyprus, European Union.</p>
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Department: Information Technology

Date: 16.04.2020

No of Beneficiaries: 51

Outcome: Participants have acquired knowledge on Cloud service along with Microsoft Azure Cloud.



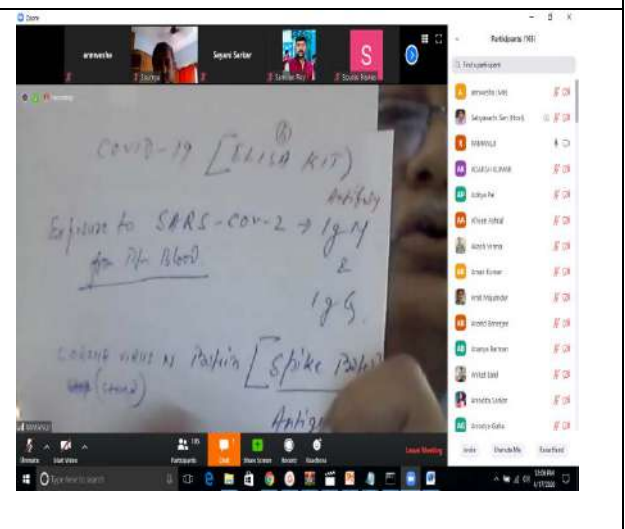
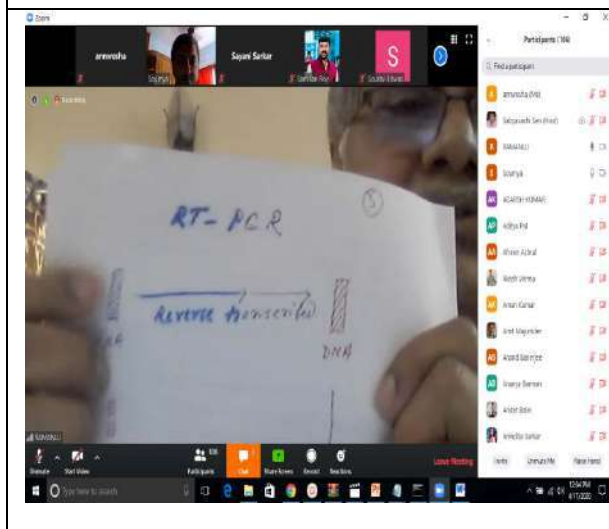
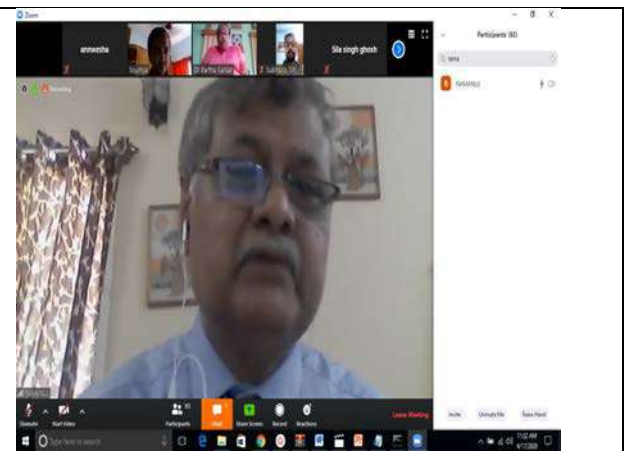
<p>Name of the Programme</p>	<p>Doctor's corner on COVID-19 by Prof. Dr. Ramanuj Sinha, Dept. of E.N.T, Medical College</p>
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Department: Information Technology

Date: 17.04.2020

No of Beneficiaries: 111

Outcome: All participants have highly benefitted from this session and each individual can acquire details knowledge of COVID19.



<p>Name of the Programme</p>	<p>Webinar on Cloud Architecture & Micro Services Architecture by Mr. Anirban Mukherjee, Senior IT Architect, IBM, Kolkata.</p>
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Department: Information Technology

Date: 18.04.2020

No of Beneficiaries: 42

Outcome: Cloud and Service Oriented Architecture have explained and identified the requirement in aspects of IT sectors.

Industry Lecture Session

Webinar on "Cloud Architecture & MicroServices Architecture"

Organised by:
Department of Information Technology & Department of Computer Application
JIS College of Engineering

Date: 18th April 2020 || Time: 11:00 am

Registration: <https://forms.gle/FnhSTUuoDAnCr649A>

www.jiscollege.ac.in M: +91 9432011490

Speaker: Mr. Anirban Mukherjee, Senior IT Architect, IBM

Introducing New Business Challenges for Enterprises

- Rapid Change in System of Engagements**: Evolving Customer Experiences, Need to Develop New Features Quickly
- Digital footprint**: New technology, new integration points, Consume Information from Heterogenous Data Sources
- Slow Delivery Process with existing toolkits**: Scale Development, Major Releases: All in one build bundle deployments
- Scaling**: Increased traffic through heterogenous communication channels
- Total Cost of Ownership**: Maintain existing application and adopt to new demands

Microservices in a NUTSHE Cloud Architecture

Anirban Mukherjee, Senior Architect Working at IBM

Microservices Architecture: Emerged as a practical approach

An **Architectural Style** that consists of building systems from small services, each in their own process, communicating over lightweight protocols

Velocity of Change: When Application functions changes frequently, need to introduce new technology for a new function, need to scale to cater larger omnichannel volume or for short lived features (disposable services)

Why

- Decomposed into small services
- Develop and Deploy independently
- Easier to scale development
- Improved fault isolation
- Adopt new technology easily
- Decentralized database
- Cloud ready
- Scale each services independently

Monolithic application → Microservices application

<p>Name of the Programme</p>	<p>Webinar on Software Engineering & Agile, Recent Needs of IT Industry by Mr. Sandip Chatterjee, Business and Integration Arch Manager, Accenture, United Kingdom.</p>
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Department: Information Technology

Date: 19.04.2020

No of Beneficiaries: 58

Outcome: Participants are benefitted about the details deliberation about Agile Methodology and comparisons to other Software Engineering models

Alumni Connect Industry Lecture Session

Webinar on "Software Engineering & Agile, Recent Needs of IT Industry"

Organised by:
 Department of Information Technology &
 Department of Computer Application
 JIS College of Engineering

Date: 19th April 2020
 Time: 03:00 PM

Registration: <https://forms.gle/Qy91kZovTumSnsjwS>

www.jiscollege.ac.in M: +91 9432011490

Speaker: Mr. Sandip Chatterjee, Business & Integration Arch. Manager, Accenture, United Kingdom

SOFTWARE PROCESS

- A software process (also known as software methodology) is a set of related activities that leads to the production of the software.
- New Software Development of modifying existing one
- Supporting activities such as configuration and change management, quality assurance, project management, user experience.
- Products: The outcomes of an activity. For example, the outcome of architectural design maybe a model for the software architecture.
- Roles: The responsibilities of the people involved in the process. For example, the project manager, programmer, etc.
- Pre and post conditions: The conditions that must be true before and after an activity. For example, the pre-condition of the architectural design is the requirements have been approved by the customer, while the post condition is the diagrams describing the architectural have been reviewed.

Prototyping
 Determine Objectives → Plan → Develop → Test → Implement

Waterfall
 Requirements → Design → Implementation → Verification → Maintenance

Spiral
 Analysis, Evaluation, Planning, Development

AGILE MYTH BUSTING

AGILE DOESN'T WORK FOR FIXED DEADLINE PROJECT

Constraints → Predictive Process (Waterfall) Requirements → Adaptive Process (Agile) Requirements

Estimates → Plan Drives → The plan creates cost/schedule estimates

Cost → Schedule → Requirements → The vision creates feature estimates

BACK TO THE BASICS - SOFTWARE ENGINEERING

- Analysis
- Synthesis
- Design
- Development
- Testing
- Maintenance

Software Product

Updates, Deployment, Testing, Code Design, Requirements, System Analysis, System Design, Maintenance

Software engineering is the systematic application of engineering approaches to the development of software.

<p>Name of the Programme</p>	<p>Webinar on A Practitioner's Approach - How to Engineer Quality into Software Products</p> <p>by Ms. Alip Chattopadhyaya, Global Practice Manager - Quality Engineering, Ascendum Solutions, USA</p>
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Department: Information Technology

Date: 21.04.2020

No of Beneficiaries: 64

Outcome: Interactive session on how to produce quality product, discuss about automation in testing also.

Name of the Programme

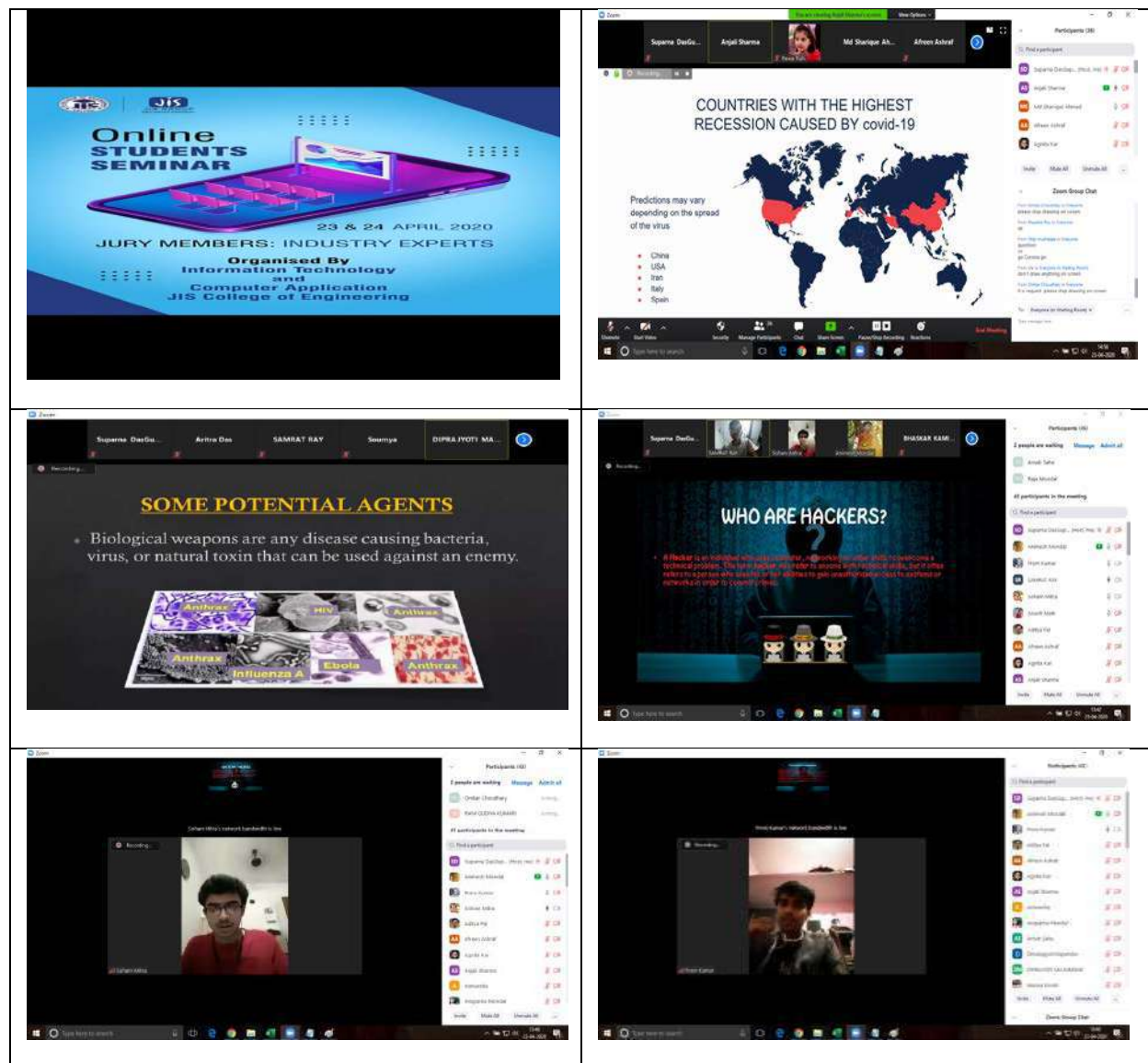
Students Seminar: IT-BCA (1st-2nd Yr)

Department: Information Technology

Date: 23.04.2020- 24.04.2020

No. of Student Involved: 70

Outcome: To Explore Student's presentation Skills & knowledge gather on recent topics



<p>Name of the Programme</p>	<p>Webinar on Mainframe by Mr. Subhas Roy Chowdhury, Assistant Consultant, TCS, Netherlands</p>
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Department : Information Technology

Date:26.04.2020

No of Beneficiaries:52

Outcome: Participants are beniffitted about the details deliberation about Mainframe and application of Mainframes.

The image displays four screenshots from a Zoom webinar presentation:

- Top Left:** A promotional poster for a "Webinar on Mainframes" organized by the Department of Information Technology at JIS College of Engineering. The speaker is Subhas Roy Chowdhury, Assistant Consultant at Tata Consultancy Services, Netherlands. The date is 26th April 2020 at 5:00 PM. A QR code for registration is provided, along with the website www.jiscollege.ac.in and contact number M: +91 9432011490.
- Top Right:** A slide titled "History of Mainframe" listing key milestones:
 - 1950 > Physically the largest computer to store the data only
 - 1960 > able to write some business application
 - 1964 > IBM introduced S/360 : the first general purposed computer
 Below the text is a timeline showing various computer models from 1950 to 2000.
- Bottom Left:** A slide titled "Different Roles in Mainframe" showing a central "Mainframe jobs" box connected to six roles: Application developer, End user, System programmer, Production control analyst, Operator, and System administrator.
- Bottom Right:** A slide titled "Mainframe Application Program" listing various modes and languages:
 - Batch mode -
 - > COBOL
 - > JCL
 - Online mode -
 - > CICS
 - > IMS-DC
 - Database -
 - > DB2
 - > IMS
 - > VSAM

Name of the Programme

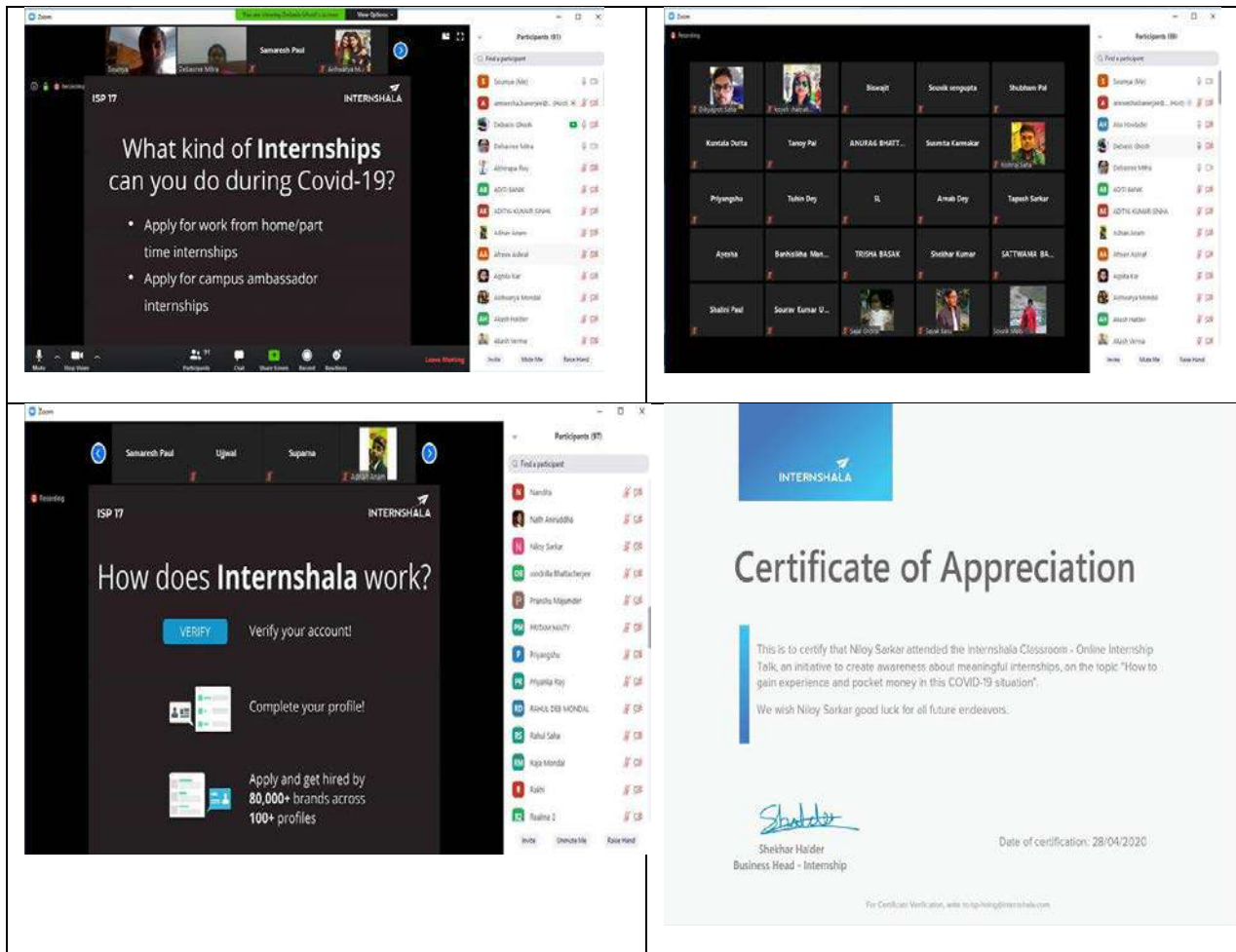
Internsala Seminar by Ms. Debasree Mitra and Mr. Debshis Ghosh, ISP, JISCE

Department: Information Technology

Date: 29.04.2020

No of Beneficiaries: 99

Outcome: Get the idea about Internshala internship and internship from different areas.



<p>Name of the Programme</p>	<p>Webinar on A Guide to Software Lifecycle by Ms. Priyanka Sen, Senior Consultant, Cognizant Technology Solution.</p>
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Department: Information Technology

Date: 29.04.2020

No of Participants: 68

Outcome: Participants are benefitted about the details deliberation about Software lifecycle and Project delivery process in Industry

The collage consists of four images:

- Top-left:** A blue and white slide for a webinar titled "Webinar on 'Guide to Software Lifecycle'". It is organized by the Department of Information Technology at JIS College of Engineering. The speaker is Ms. Priyanka Sarkar, Senior Consultant at Cognizant Technology Solution, India. The date is 29th April 2020 at 3:00 PM. Logos for JIS College of Engineering and JIS Group are visible.
- Top-right:** A Zoom meeting screenshot showing a presentation slide titled "Stages of Development Lifecycle". The slide features a circular diagram with six numbered stages and an illustration of a person at a computer.
- Bottom-left:** A Zoom meeting screenshot showing a presentation slide titled "Guide to Software Lifecycle". The slide has a blue background with various icons representing software development and technology.
- Bottom-right:** A Zoom meeting screenshot showing a presentation slide titled "Development Models". It includes diagrams for Prototyping, Waterfall, Spiral, and Agile Development Methodology.

Name of the Programme	Parent Teacher Meeting (IT-CA)
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Department: Information Technology

Date: 18.04.2020 & 30.04.2020

No. of Faculty Involved: 9

No. of Student Involved: 105 with Parents

No of Beneficiaries: 114



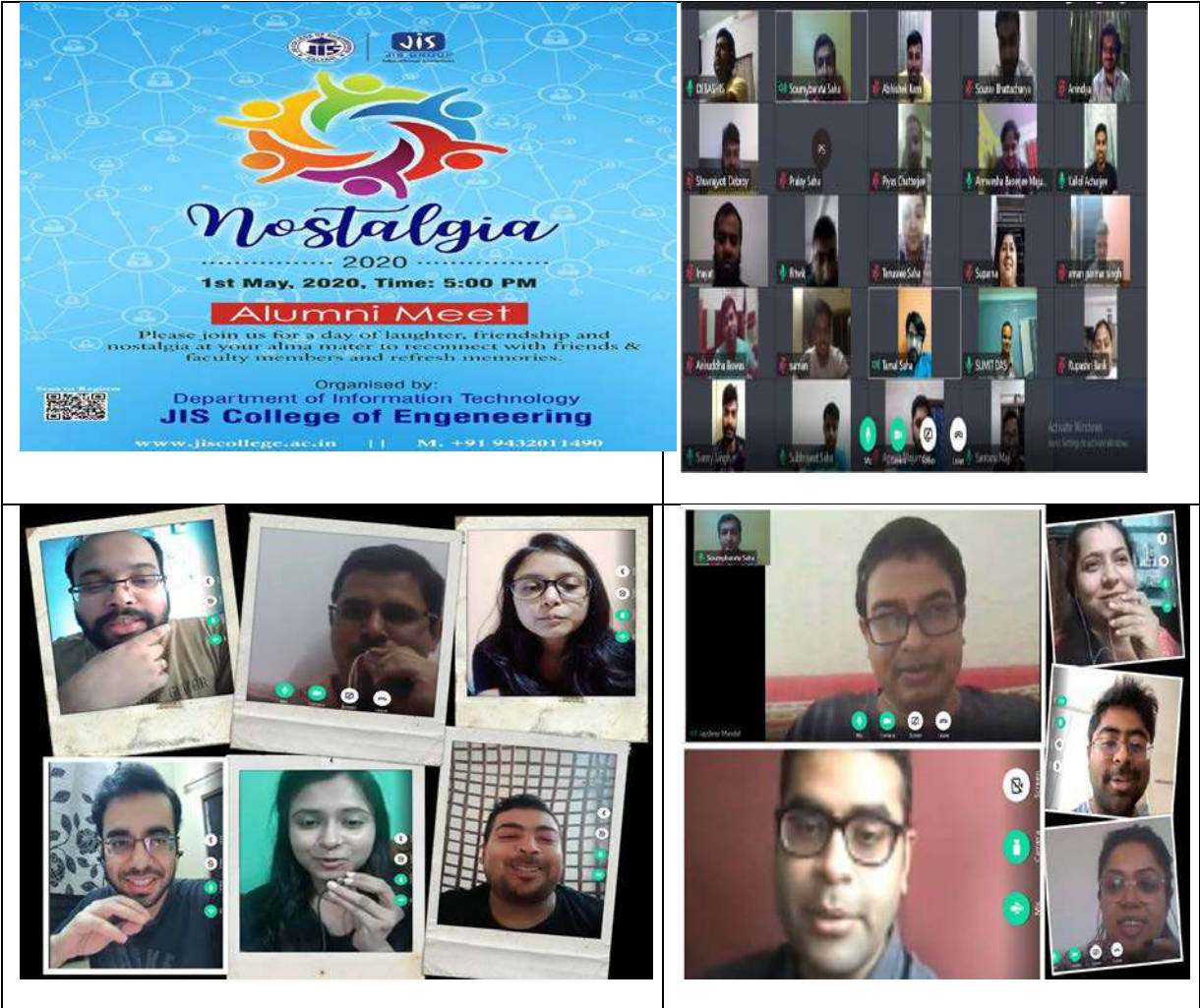
<p>Name of the Programme</p>	<p>Alumni-Meet(Nostalgia)</p>
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Department: Information Technology

Date: 01.05.2020

No. of Faculty Involved :9

No of Participants:81 Alumni



<p>Name of the Programme</p>	<p>Grand Musical Event: Let The Music Speak!!!! By Alumni-IT</p>
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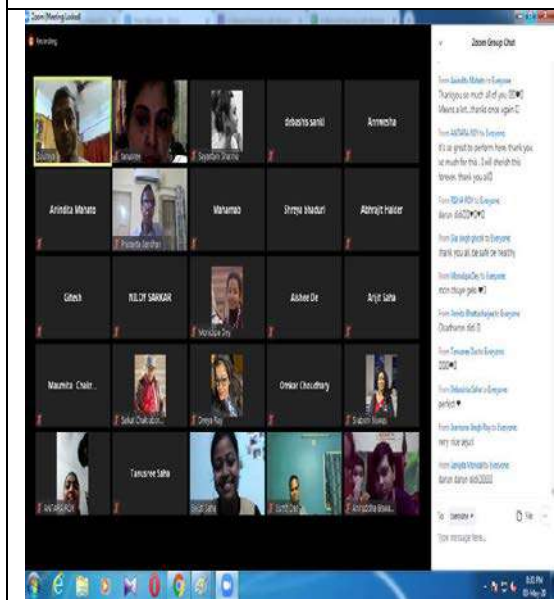
Department: Information Technology

Date: 03.05.2020

No. of Faculty Involved: 9

No. of Alumni Participated : 9

No of Audience s:136



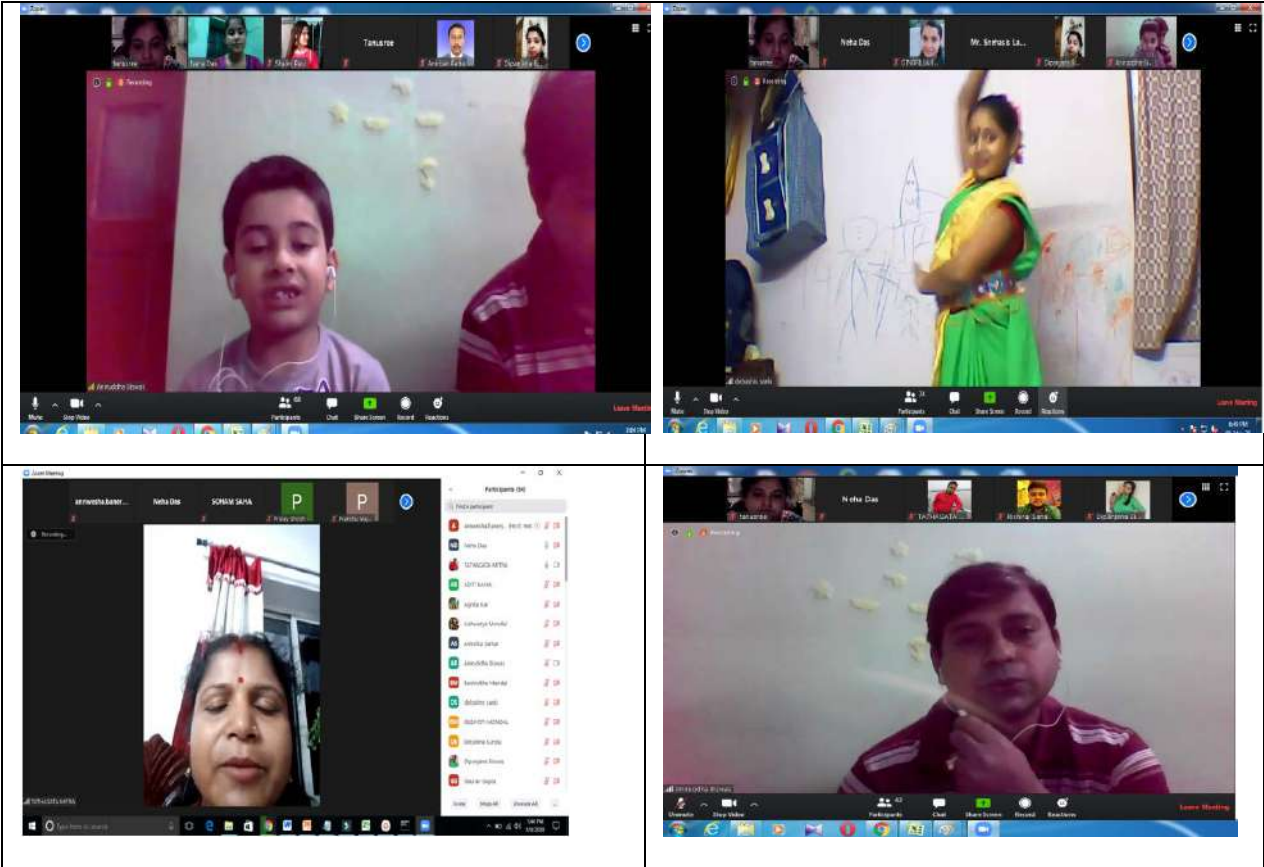
<p>Name of the Programme</p>	<p>Kabi Pranam - A Digital Celebration of Rabindranath Tagore Jayanti</p>
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Department: Information Technology

Date: 08.05.2020

No. of Faculty Involved: 9

No. of Student Involved: 80



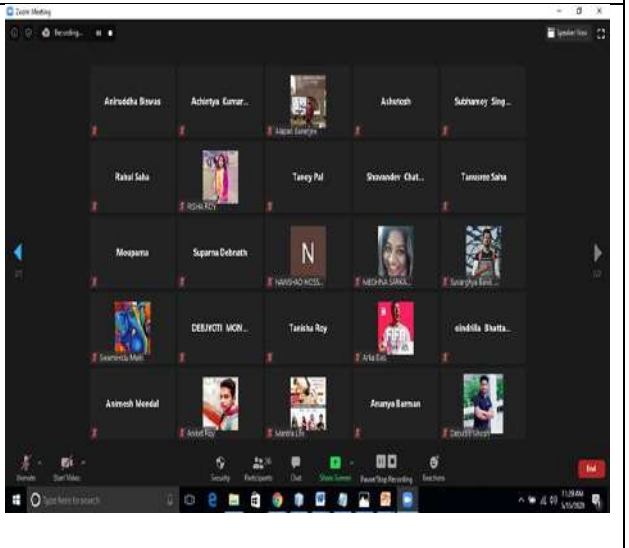
<p>Name of the Programme</p>	<p>Yoga Session - World after COVID 19 by Mr. Subhabrata Bhattacharjee, Founder & Director of Mantra Life Style Health Care, Kolkata</p>
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Department: Information Technology

Date: 15.05.2020

No. of Beneficiaries: 55

Outcome: All participants are highly motivated and practice the demonstration for relaxation of mind and soul



Name of the Programme

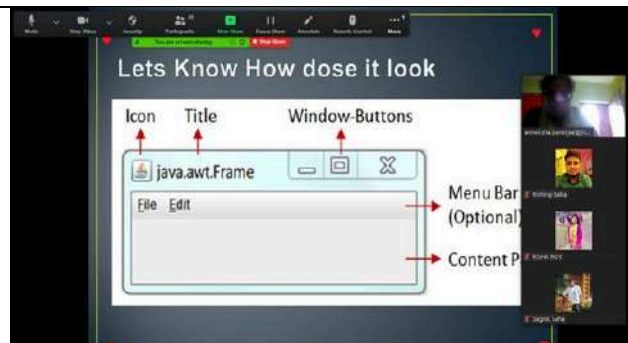
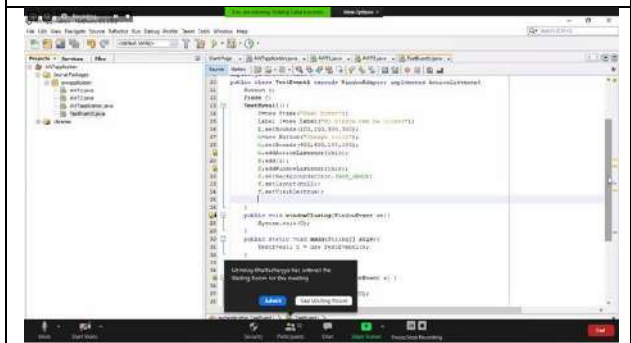
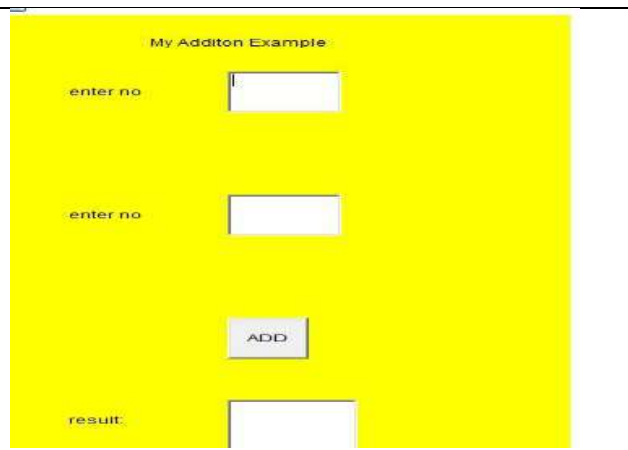
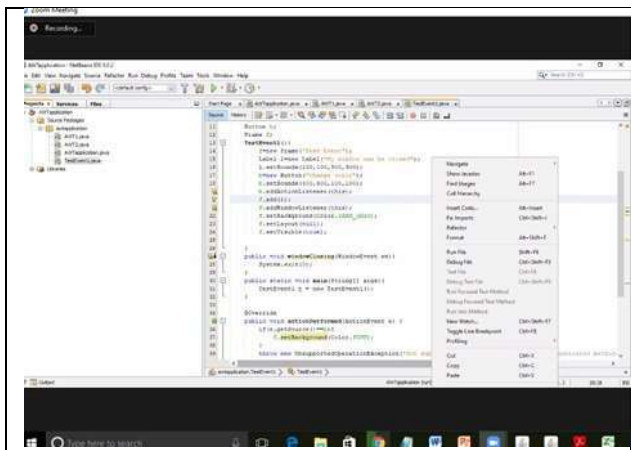
**JAVA UI Based Application Development" in digital platform by Dept IT,JISCE
Conducted by Annwasha Banerjee**

Department: Information Technology

Date: 12.05.2020-17.05.2020

No. of Faculty Involved: 1

No. of Beneficiaries: 45



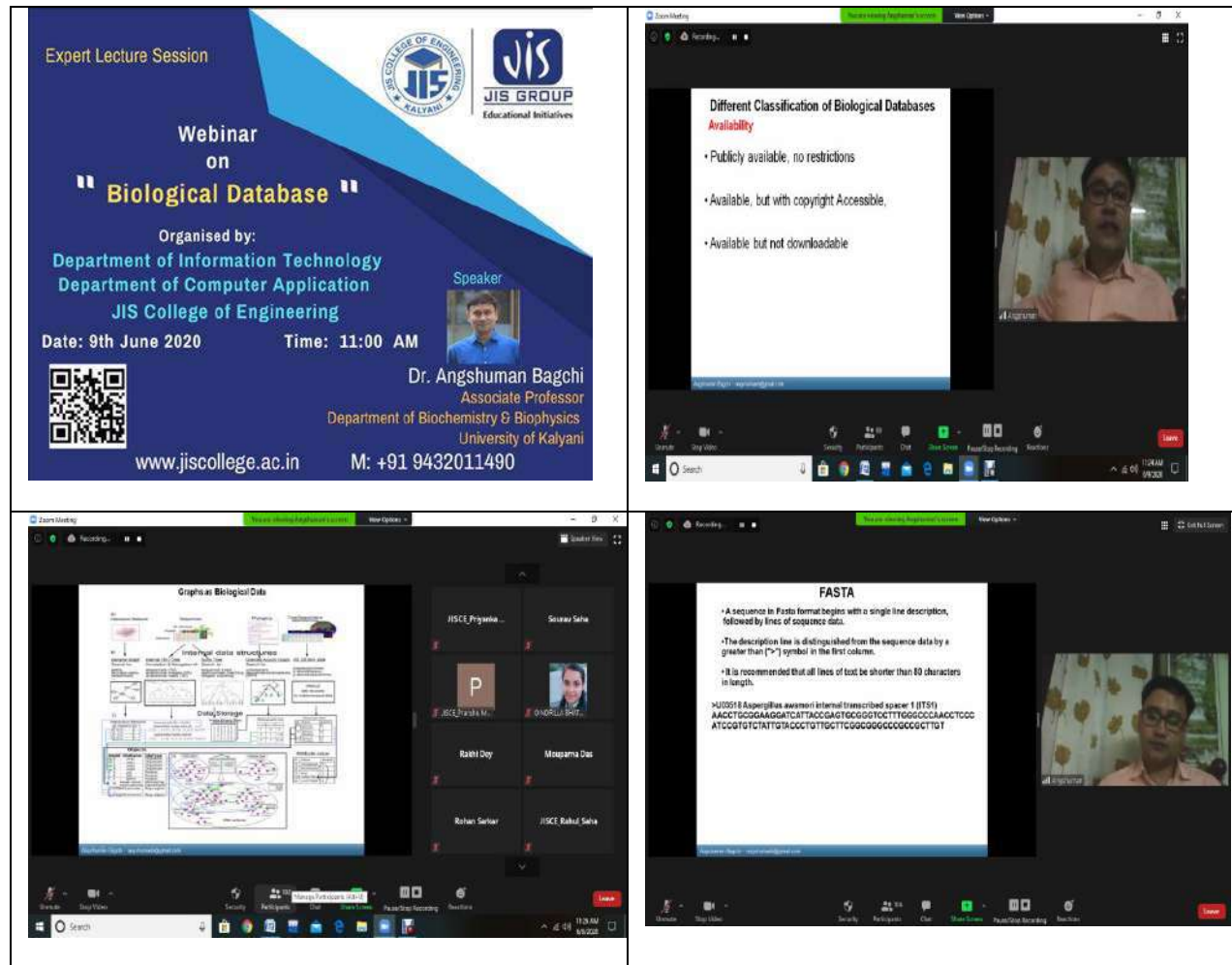
<p>Name of the Programme</p>	<p>Webinar on Biological Database by Dr. Angshuman Bagchi, Associate Professor, Department of Biochemistry & Biophysics, University of Kalyani</p>
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Department: Information Technology

Date: 08.05.2020

No. of Beneficiaries: 112

Outcome: Participants have acquired knowledge of Bio-logical Database and the impact of Bio-Informatics in IT



<p>Name of the Programme</p>	<p>Webinar on Role of IT in Banking Sector by Ms. Mousumi Roy, Assistant Manager, Bank of India</p>
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Department: Information Technology

Date: 16.05.2020

No. of Beneficiaries: 45

Outcome: Participants gather the knowledge about the Scope of Information Technology in Banking Sector

Expert Lecture Session

Webinar on
"Scope of IT in Banking Sector"

Organised by:
Department of Information Technology
Department of Computer Application
JIS College of Engineering

Date: 16th June 2020 Time: 06:30 PM

Speaker
Ms. Mousumi Roy
Assistant Manager
Bank Of India

www.jiscollege.ac.in M: +91 9432011490



JOB description

- PO / probationary officer-Bank recruited every year large number of probationary officer for probation of two/ three years after that period you will be converted as permanent officer. During this period almost all facility you can get except staff loans. Deals with all type of public from farmer to industrialist from poor to extremely rich people. Attitude and behaviors play pivotal role in the job. Not only desk job field work like inspection , recovery , marketing you have to do. Gross entry level salary is around 42k. other facility like LFC, telephone expenses, petrol expenses, medical expenses, furniture allowances , rent of residential incase of transfer are also given and last but not the list staff loans with concessional rate will be given which you definitely loved.

JOB description

- PO / probationary officer-Bank recruited every year large number of probationary officer for probation of two/ three years after that period you will be converted as permanent officer. During this period almost all facility you can get except staff loans. Deals with all type of public from farmer to industrialist from poor to extremely rich people. Attitude and behaviors play pivotal role in the job. Not only desk job field work like inspection , recovery , marketing you have to do. Gross entry level salary is around 42k. other facility like LFC, telephone expenses, petrol expenses, medical expenses, furniture allowances , rent of residential incase of transfer are also given and last but not the list staff loans with concessional rate will be given which you definitely loved.

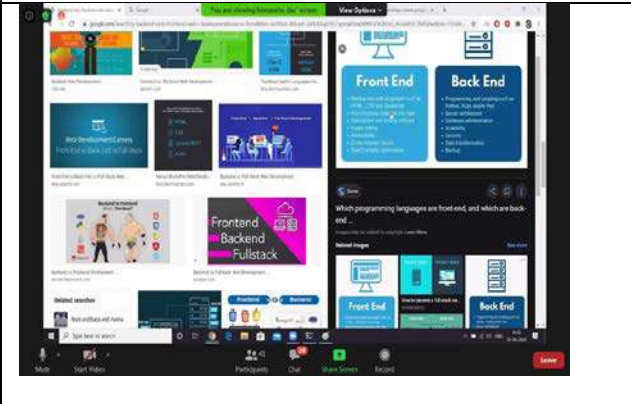
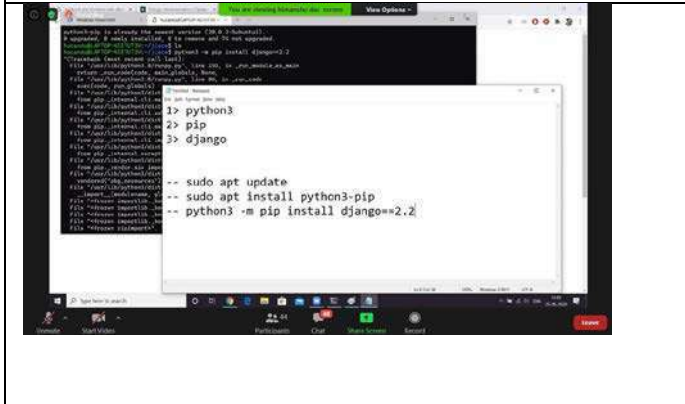
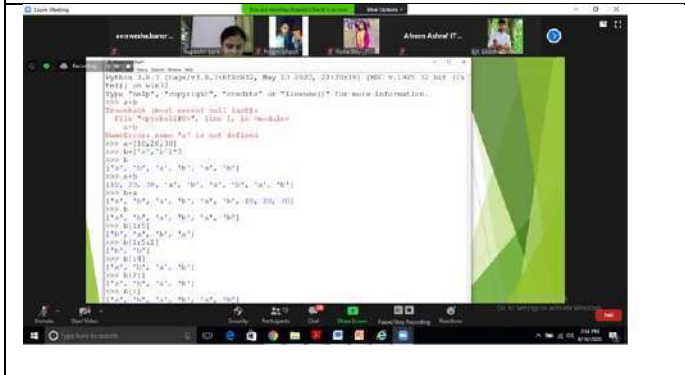
<p>Name of the Programme</p>	<p>Technical Training on Basic of Python and Web Application Development by Mr. Goutam Roy, Senior Software Engineer, Brainsfeed Ltd, Kolkata, Mr. Himanshu Das, Software Developer, Bluestacks Annwasha Banerjee, assistant Professor, IT . Rupashri Barik, Assistant Professor IT.</p>
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Department: Information Technology

Date: 15.06.2020-04.07.2020

No. of Beneficiaries: 85

Outcome: To gather knowledge about Python. Hands-on session to develop web application using python



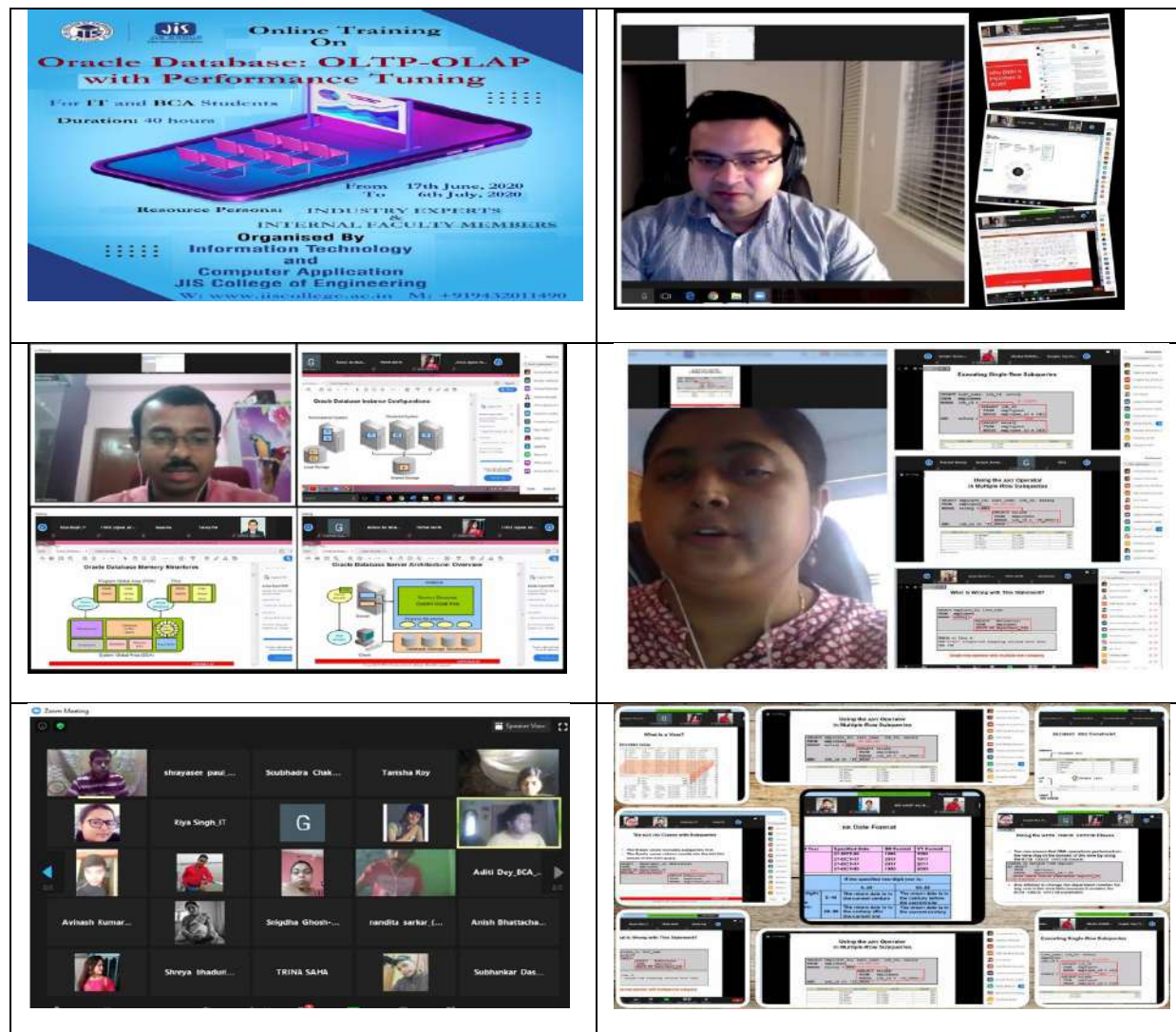
<p>Name of the Programme</p>	<p>Training on Oracle Database: OLTP-OLAP with Performance Tuning' By Mr. Pramit Mitra, Senior Data Engineer, ORACLE, USA, Mr. Vikramjit Saha, Associate Consultant, TCS, SouthAfrica, Mr. Biswajit Chatterjee, Assistant Consultant, TCS Kolkata Suparna DasGupta, Assistant Professor, IT Aniruddha Biswas Assistant Professor, IT</p>
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Department: Information Technology

Date: 17.06.2020-04.07.2020

No. of Beneficiaries: 85

Outcome: To gather knowledge all about Database. Able to store the data in a structured way & perform any kind of operation on structured database.



Events Report

Department of Information Technology

2018-2019

JIS College of Engineering

JIS College of Engineering
Dept. of Information Technology
Report on “One Day Seminar on Recent Trends in Information Technology”

Event: One Day Seminar on Recent Trends in Information Technology

Venue: JIS College of Engineering (Dr. B.C Roy Auditorium)

Date: 08.09.2018

Speakers : Ms Deeya Roy, CTS, Kolkata

Mr. Biswajit Chatterjee, CTS, Kolkata

Mr. Souradeep Sengupta, CTS, Kolkata

Department of Information Technology has organized an one day seminar on Recent Trends in IT on 08.09.2018 at JIS College of Engineering. Ms. Deeya Roy , Product Specialist(IT) from CTS Kolkata, Mr. Souradeep Sengupta, Senior Associates, CTS Kolkata and Mr. Biswajit Chatterjee, Oracle DBA Expert from CTS, Kolkata were the invited speakers, all of them are IT-alumni of the institution. Ms. Roy has shared her experiences as an engineering students , as fresher job seeker and also as IT professional. She also motivated the students to set up their own startups. Mr. Souradeep Sengupta has shared his professional experience. He has advised the participant regarding the placement preparations. Mr. Chatterjee has also shared his professional experiences and motivated students for research and development. At the end of there was a question answer session. Total 201 number of students from IT and BCA have participated in the said event. The seminar was concluded with vote of thanks.



1. **Sub: SYSALGO Technologies, Kolkata**
2. **Main objectives of the visit:**
 - a) The Main Objective of This Industrial Visit is to Make The Aspiring Engineers Acquainted With The Conceptual As Well As Practical Knowledge Of The Industrial Automation & Latest Technologies Being Used To Achieve Industrial Automation.
 - b) To provide related and enabling technologies regarding research innovation.
3. **Date: 16.03.2019**
4. **Number Of Participants: 26+**
5. **Details of the Visit:**
6. Industrial visit was organized by (IT Department) JIS College of Engineering, Kalyani, for IT 3rd year students. The SYSALGO Technologies, where an opportunity to observe the practical things. All students went to the industries by bus with the guidance of teacher. After reaching to the industry, students met to our trainer sir, he was smartly starting the session and covers that important practical point which students need in companies/industries for software development, different posts for job in the company of software development. Expert told us about Business Analyst which is very important job in any company/MNC, project manager, Designer, Coder/Developer (full stack, frontend, and backend), Tester and support Associate. Sir also describes us briefly about some frontend and backend language which is mostly used now days in medium size companies and MNCs. Like Node.js, PHP, .NET, React in backend and for Frontend React Native, Android, HTML etc. Some brief introduction of MNCs, Medium size companies and as per their requirements. Expert discusses about cloud computing and SAS (software for service) used for military services. And what we're going to feel in our future.
And what we are going to experience in our future in the industry. That was an awesome experience. As it's told that reading thousand of books is equal to talk some talk to an experience person comes true.



REPORT

1. **Sub:** Industrial Visit of IT department Students
2. **Industry:** Vision Technology Service, Kolkata.
3. **Main objectives of the visit:** The Objective of the Industrial Visit is as follows:

To aware students regarding the current trend and practical strategies in the IT industry.

4. **Date:** 16.03.2019
5. **Number Of Participants:** 26
6. **Details of the Visit:**

Students of IT department have visited to Vision Technology Service, Kolkata. Vision Technology Service is mainly a software development organization; along with it has footprint in Web site designing, Creative Designing, Search Engine Optimization, Media Planning, .Net Development, PHP Development, Multimedia and Design Solutions and ERP. Students have entered in the development area and become familiar with the working environment. Mr. Sourav Bhatia CEO of the company has addressed the group of students. He has discussed with the students regarding the current market requirements and trends in IT industry. He also shared his experience regarding his journey. There was a great interactive session at the end. Students were really benefitted from the visit.



REPORT

1. **Sub:** One Day Workshop on “Angular-JS
2. **Speaker :** Mr. Amar Banerjee, Ogma Tech Lab, Kolkata
3. **Main objectives of the workshop:**

To provide students basic idea regarding Angular JS, it is a hot cake in IT sector now.

4. **Date:** 8.4.2019

5. **Number Of Participants:** 64

6. **Detailing :**

Dept. of Information Technology has organized “one day workshop on Angular JS” for the students at Computer Center(R-218). Mr Amar Banerjee has provided a very valuable presentation on Angular JS followed by hands on session for web application front end development using angular JS. Students were become familiar by the basic working principles of it and development environment also.



JIS College of Engineering

(An Autonomous Institution)

REPORT on Departmental Seminar on Digital Pedagogy

1. **Sub:** Departmental Seminar on Digital Pedagogy
2. **Main objectives of the event :** To Share students view as well as teachers view on the new pedagogical approaches and its application at JISCE
3. **Date:** 25.04.2019

4. **Number Of Participants:** 100

5. **Details of the EVENT :**

Dept. of Information Technology has a departmental seminar on Digital Pedagogy where students from IT 1st & 2nd year shares their experience on new pedagogical approaches adopted in our college that is Flip Learning. Final Year and non final years students also share their experiences on traditional teaching and adoptability of new pedagogical approaches.

6. **Picture of the Event organized**



IS College of Engineering

(An Autonomous Institution)

REPORT

7. **Sub:** “DESPEDIDA-IT-2K19” ----Farewell of IT 2019 pass out batch
8. **Main objectives of the event :** The Objective of the event is to bid them good bye.
9. **Date:** 21.05.2019

10. Number Of Participants: 28

11. Details of the EVENT :

Dept. of Information Technology has organized the farewell ceremony “ DESPEDIDA-IT2K19” for 2019 pass out batch. Total 28 numbers of students out of 30 attended the event. The event was initiated by a very catchy talk of Mr. Soumyabrata Saha, TIC, dept of IT. Then all the teachers, students, juniors, all presented shared their experiences. At the end of the ceremony a group photo was taken for keepsake.

7. Picture of the Event organized:



Report on Student Seminar

IT 3rd year students of Department of Information Technology, JIS College of Engineering have organized One day “**Students Seminar**” on 14th August, 2018 at R-304, Smart Class Room, JIS College of Engineering, under the guidance of their class coordinator.

Sixty Three number of IT-3rd year students participated in the event and presented different emerging technical topics as ‘*Machine Learning*’, ‘Li-Fi’, ‘Near Field Communication’, ‘Cyber Security’, ‘Augmented Reality’, ‘VPA’, ‘Arduino vs. Raspberry Pi’, ‘Block Chain’, ‘NFC’, ‘An ATM with an eye’, ‘Brain Gate’ etc.

At the end of the program all the faculty members congratulated to all the students of Third year for their nice technical presentation in the seminar.



2018-8-14 12:33

Students' Seminar on 20th August, 2018
Organized by Dept. of Information Technology,
JIS College of Engineering, Kalyani, Nadia

Topic:

Various domains of Technology

Date:

20th August, 2018

Objective:

To motivate the students to explore their interests on different emerging technical topics.

Coordinator:

❖ Rupashri Barik, Asst. Prof., Dept. of IT

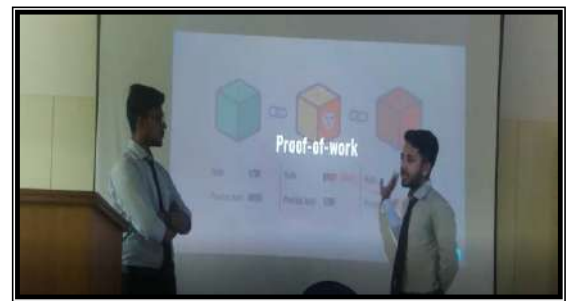
Participants:

66 no. of IT, 2nd year students of this institute.

Brief Report:

To explore the knowledge of students in different technical area, Department of Information Technology, JIS College of Engineering has organized One day “Students’ Seminar” on 20th March, 2018 at Smart Class Room, IT Dept., JIS College of Engineering. Here IT, 2nd year students presented different emerging technical topics as Android OS, Cloud Computing, Virtual Personal Assistance, 5G Technology, Block Chain Technology, Green Technology, Touch Screen Technology, etc.

At the end of the program all the faculty members congratulated all the students of IT, Second year for their nice technical presentation in the seminar.



Outcome:

Students are very encouraged to express their technical views on different topics as well as very enthusiastic to conduct this kind of events.

Events Report

Department of Information Technology

2017-2018

JIS College of Engineering

JIS College of Engineering
Dept. of Information Technology
One Day Tech-Seminar on “Big Data Hadoop”
REPORT

Department of Information Technology has organized a one day seminar on “**Big Data-Hadoop**” on 18th November 2017 at IT Smart class Room(R-304). Forty(40) students from the department have attended the seminar. The seminar was focused on the current scenario of huge data storing techniques, the technical details of Big Data and how to address the huge data storing problem with real life analogy. Feedback of the seminar was good, some feedback of attendees are attached herewith.



JIS College of Engineering
 Dept. of Information Technology
 One Day Tech-Seminar on “Big Data Hadoop”
 Feedback Form

Criteria	Excellent	Very Good	Good	Average	Bellow Average	Not Good
Objective of the work shop	✓					
Presentation of subject	✓					
Relevancy of topic	✓					
Depth of knowledge		✓				
Real life analogy	✓					
Questions Answers session		✓				
Over all organization	✓					

Name: SOURABDEEP KHAN
 Year: 2nd Roll: 47

JIS College of Engineering
 Dept. of Information Technology
 One Day Tech-Seminar on “Big Data Hadoop”
 Feedback Form

Criteria	Excellent	Very Good	Good	Average	Bellow Average	Not Good
Objective of the work shop	✓					
Presentation of subject	✓					
Relevancy of topic	✓					
Depth of knowledge	✓					
Real life analogy	✓					
Questions Answers session	✓					
Over all organization	✓					

Name: Abhishek Kumar Kaur
 Year: 3rd Roll: 150424001

JIS College of Engineering
Dept. of Information Technology
International Women's Day Celebration
REPORT

Department of Information Technology has organized an event to celebrate International Women's day at IT Smart class Room(R-304). Students were asked to submit essay in celebration of International Women's Day 2018 on 8th March on following topics

- Break the silence , stop the violence
- Women discovering wings

25(Twenty Five) students from the department have participated in this event and Winner, 1st Runners Up, 2nd Runners Up of easy writing competition was awarded. The event was inaugurated by our respected Principal Sir.



Regards,
Department of IT, JISCE

JIS College of Engineering
Dept. of Information Technology
Workshop on PC Assembling and software installation
REPORT

Department of Information Technology has organized an event: Workshop on PC Assembling and software installation on 10.03.2018 to make understand the students about the details description and internal organization of computer hardware. Software Installation process was also nicely elaborated. It was a Hands-on session. IT 1st year students were highly benefitted with this Workshop. IT departmental Faculty along with technical staffs conducted this workshop.



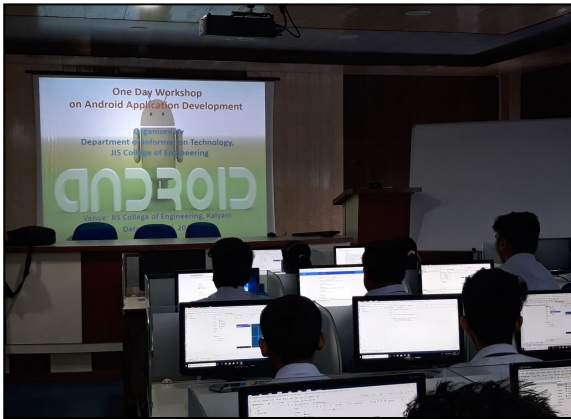
JIS College of Engineering
Department of Information Technology
Events-Report

Event Name : Hands on Workshop on Android Application Development

Date : 7th April 2018

No of Participants: 50

Department of Information Technology has organized one day workshop on “Android Application Development” at Room No 218 on 7th April 2018. Through the workshop students initially was delivered lectures regarding basics of android and then they were provided a very effective hands on session using Android Studio 3.0. As per the feedback from the students it was very effective and they are very much interested to attend this kind of workshops in future. Kumaresh Sing of IT 1st year was facilitate for his outstanding performance in the workshop.



JIS College of Engineering
Department of Information Technology
Feedback Form on “One Day Workshop on Android Application Development”

Name : **DIPESH PANDAY**
Roll No: **14**
Scale the following questions from High (5) to Low(1)

1. The workshop is very much relevant to the curriculum: (5)
2. The theoretical concepts delivered in the workshop is clear and easy to understand: (5)
3. The Hands on session is very much effective: (5)
4. The instructor is able to clearing the confusions of ours: (5)
5. The requirement of this kind of workshop in future : (5)

Department of Electronics and Communication Engineering , JISCE

Event Organized: (2019-2020)

Sr No.	Program Name	Speaker Name/ Organization Name	Conduction Date (DD/MM/YYYY)	Participa nts
1	"Yoga -A Holistic Approach to Health and Well-Being Amid Covid-19Pandemic"	Samiran Chakraborty and Mr. Tanveer Aditya	21/06/2020	78
2	Research in the field of Medical Science & Engineering	Dr.Neelanjana Sengupta,Associate Professor,IISER,Kolkata	13/06/2020	87
3	"Being a telecommunication Engineer"	Sabyasachi Sinha 2012 alumnus ECE, JISCE, Senior Technical Engineer, ECI Telecom (Ribbon), Navi Mumbai	06/06/2020	52
4	"Cyber Security, Ethical Hacking and Infosec"	Mr Imran Roshan	04/06/2020	55

5	Industrial electronics, advance communication and control system for diploma engg students, West-Bengal	Dr.Biswarup Neogi, Anirban Ghosal	14/05/2020	110
6	"Performance Monitoring for Websites"	Sharmistha Das (2006 ECE Alumnus) IT Sr Manager - Cigna Health Insurance Corporation, USA	07/05/2020	60
7	Cultural Meet	Current Students of ECE and Alumni and Faculty & Staff members	06/05/2020	101
8	"Information sharing through ISP for internship"	Sattwama Basu, ISP,Internsala	01/05/2020	55
9	"Am I fit for IT Industry?"	Mr. Sourav Mukherjee (alumnus ECE 2013), Functional consultant and business analyst in Tata Consultancy Services, France.	30/04/2020	85

10	Parents teacher Meet	All Gurdians of current Students	27/04/2020	101
11	Virtually Project Compose on Data Science & Machine Learning towards Online Internship	Sayantana Chakraborty, Associated with Indian Engineering Teachers Association & Association of Training Placement Officer (Govt. of WB Registered Civil Society Organization) as Technical Consultant and Conducting Placement Preparation Camp on Regular Interval.	23/04/2020 ,24/04/2020	105
12	Online-Coding on Core JAVA	Mr.Abhishek Ranjan Jha, CTS,Mr.Tunir Saha, Founder of Skubotics.	19/04/2020	58
13	ECE Alumni Meet	ECE Alumnus of 2009-2016	19/04/2020	52
14	Erradicated-online	ECE Dept.	10/04/2020 ,11/04/2020	58
15	Peer Learning Webinar "Introductory on C Programming "	Mrs. Ranjana Ray	04/04/2020 ,05/04/2020	12
16	Python Programming towards the Aim of	Mr. Tunir Saha,Founder of Skubotics.	30/03/2020	60

	Transformation on Future			
17	Python programming, User interface creation and Raspberry Pi programming	Arindam Banerjee	20/12/2019	120
18	Inauguration of Innovation corner for Communication Lab	Departmental students of IIC cell	19/12/2019	9
19	CBC program	Madhura Chakraborty	17/12/2019	33
20	Arduino Projects	Anirban Ghosal	17/12/2019	18
21	Project demonstration of ECE	NA	14/12/2019	23
22	Alumni- student interaction:Workshop on IOT-Internet of things	MR.Supriya Mallik (Cognizant Pvt. Ltd)	24/08/2019	45
23	Wall Magazine Competetion	Mrs.Moumita Pal & Mrs.Ranjana Ray	22/08/2019	26
24	Induction Program(Sports)	Mr.Anirban Ghosal, Mr.Anirudhha Biswas	13/08/2019	60
25	Session with Myperfectice under a part of Induction Program	Mr. Anirban Patra	08/08/2019	410
26	creative arts	All Faculties	05/08/2019	47

Event Organized: (2018-2019)

Sr No.	Program Name	Speaker Name/ Organization Name	Conduction Date (DD/MM/YYYY)	Participants
1	L and T visit, Kolkata	Mrs Moumita Pal & Mrs. Ranjana Ray	14/03/2019	23
2	One Day Workshop on Python Programming	ARDENT COMPUTECH PVT.LTD	21/02/2019	60
3	Industrial visit(BTPS)	Mrs Moumita Pal & Mrs. Ranjana Ray	06/02/2019	34

4	PhD / Higher studies awareness training program of ECE	Dr. Angshuman Sarkar, Associate Professor, Kalyani Govt. Engineering College	17/12/2018	12
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Event Organized: (2017-2018)

Sr No.	Program Name	Speaker Name/ Organization Name	Conduction Date (DD/MM/YYYY)	Participants
1	ISRO visit, Kolkata	Mr. Anirban Patra	15/02/2018	25
2	Industrial visit(BTPS)	Mr. Ajay de Sarkar works, ARM Technology	08/08/2017	21

Event Report

Department of Electronics and Communication Engineering

2019-2020

JIS College of Engineering

Name of the program	YOGA DAY CELEBRATION
----------------------------	-----------------------------

Department: Department of Electronics and Communication Engineering

Date:21/06/2020

Number of Students Involved:78

A REPORT ON YOGA DAY CELEBRATION

Yoga is an invaluable gift of ancient Indian tradition. It embodies unity of body and mind ; thought and action, harmony between man and nature and a holistic approach to health and well being.

Hence the international yoga day was celebrated through online platform of JISCE on 21st June morning under the guidance of respected Principal Sir of JIS College of engineering. In this year ECE department of JIS College of engineering organized International Yoga day in association with Institutions Innovation Council(IIC). Mr.Anirban ghosal , Assistant Professor of ECE,JISCE hosted the programme. The programme was started at 8:30 AM of 21st June,2020 with the permission and inaugural address of respected Principal sir, Dr.Partha Sarkar. More than 70 teachers and students of JISCE participated in this whole heartedly to make this programme a grand success. Dr. Biswarup Neogi, Head of the dept.ECE took an extra pain to invite two great personality to conduct the International Yoga Celebration Day. Our respected Principal Sir, Dr.Partha Sarkar felicitated them by Letter of Appreciation.

One of them is Shree. Samiran Chkraborty who is a spiritual inspirator at Kalimata Ashram of NewYork,United States of America. He is a motivational speaker. He conducted many spiritual workshop in USA. He is a man who doesn't focus only in Hinduism but also has knowledge on Bible, Koran etc. He enhances our knowledge by his speech.

Another Yoga personality named, Shree. Tanvir Aditya was also invited to conduct the Yoga day. Shree. Tanvir Aditya is a professional Yoga Trianer. He is a master of Yoga and Yogasana. As a Yoga trainer, he is connected with many schools . He is also owner of a Yoga training schools and he has several followers. He showed us Pranayam to improve our mental health and immunity.

PO- PO9, PO12.



Shree. Samiran Chkraborty

Shree. Tanvir Aditya



Video Recording link of the programme: https://us02web.zoom.us/rec/share/dNSKKquzE5JYqfr4UfYf4IuD6PCT6a80yUdq_Rbykw8ul2xrrS9J-AFWOtQo0Vw
Password: 6H#?3@0A

**Name of the
program**

Virtually Project Compose on Data Science & Machine Learning towards Online Internship

Department: Department of Electronics and Communication Engineering

Date: 23/04/2020 & 24/04/2020

Number of Students Involved: 105

A BRIEF REPORT

Name of the Event: Virtually Project Compose on Data Science & Machine Learning towards Online Internship

Type of event: Online Student Workshop (National Level)

Date and Duration: 23.04.20 and 24.04.20 (04:00 – 6:00 pm each day)

Speaker: Sayantan Chakraborty (MC ID: 8988166), Currently Associated with Indian Engineering Teachers Association & Association of Training Placement Officer (Govt. of WB Registered Civil Society Organization) as Technical Consultant and Conducting Placement Preparation Camp on Regular Interval.

No of Participant/s: 105 (more than 60% outside our college)

PO: PO11, PO12.

Organized by: ECE department of JISCE, Kalyani, Nadia (coordinators- Aniruddha Ghosh and Mainuck Das)

Objective: This workshop will enable students to develop applications for user interface and register on web server to show the world about your creativity. Some important topics covered in this training are Python introduction, its components and the various resources,

the process of creating Modules, the method of using class, and the different predefined Modules, Lists, Dictionary, Inbuilt functions, the database and Working in the Web. The main purpose of this online workshop is based on the projects compose on Data Science & Machine Learning towards Online Internship. It is mainly focused on Data Science with python.

Brief report about the event: At the time of the course, students were acquainted with few new topics of python programming. The following topics were covered in the course:

1. Introduction to Python
2. Assigning Values to Variables
3. Python Data structure
4. Conditional and Iterative statements
5. Python in Web (based on data science)
6. Database Access and plotting.

The workshop received an excellent feedback from the participants and they appreciated the method of delivery, model programs and the hands-on exercise in online mode.

Photographs of the event:

Close Participants (100) 4:17 PM

	Umya Janu Raj	
	Dr. Bala Murugan D	
	Dr. VEERABHADRA SWAMY PULLETKURTHI	
	Dr. Biswarup Neogi ECE Dept.- JISCE, IIC - JISCE	
	Dr.China Venkateswarlu Sonagiri	
	Gaurav Sharma	
	Greeshma Chennareddy	
	Hershitha Kandru	
	Indira Dey	
	Indranath Sarkar	
	Ipsita Sengupta	
	Juli Kumari	
	Keya Mahanta	

Invite

Close Participants (100) 4:18 PM

	Sattwama Basu	
	Sayantani Mondal	
	SHASHANK NA	
	Shobhit Kumar Shaw	
	Shruti Dey	
	Shubham Keer	
	Sneha Dutta	
	somdeep ghosh	
	Somdutta Chakraborty	
	Soumendu Ghosh	
	Soumi Majumdar	
	Soumyadeep Mandal	
	SOURAV MANDAL	

Invite



Zoom Meeting ID: 870-5634-1599

colab.research.google.com

Welcome To Colaboratory

Examples Recent Google Drive GitHub Upload

Filter notebooks

Title	First opened	Last opened	
Welcome To Colaboratory	11 days ago	6 minutes ago	
Untitled18.ipynb	19 hours ago	2 hours ago	
Untitled19.ipynb	19 hours ago	2 hours ago	
Untitled21.ipynb	19 hours ago	2 hours ago	

NEW NOTEBOOK CANCEL

For example, here is a code cell with a short Python script that computes a value.

Zoom Meeting ID: 870-5634-1599

Untitled22.ipynb

File Edit View Insert Runtime Tools Help All changes saved

Code + Text

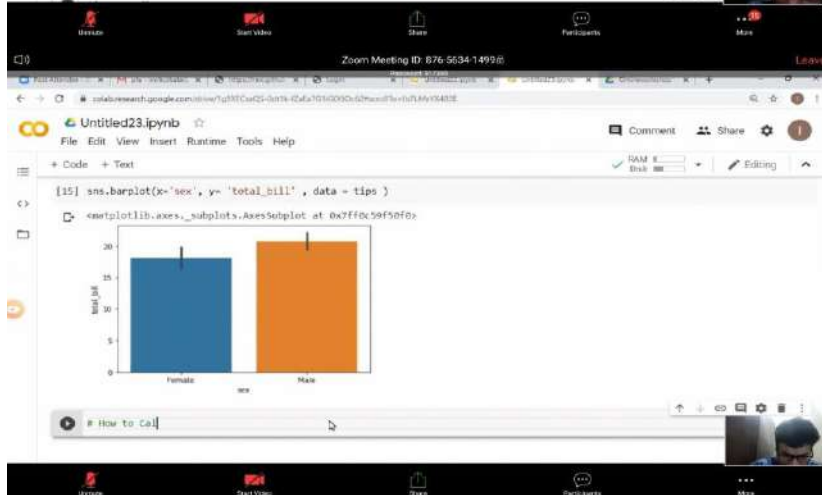
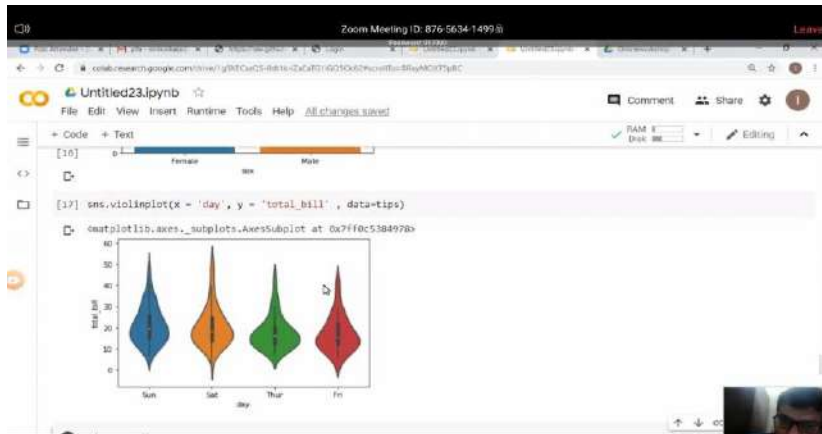
```
[1] # How to Do Addition in Python ( After Placing the Command Shift+ Enter)
1 + 1

[2] 1 - 2

[3] 3 * 4 # Multiplication in Python * **
12

# What About Exponent in Python Just use **
5 ** 2
```

Disconnected by VYhem2 (Google changed my password)
Total time only 22.77 minutes. 2020-09-22 17:08



Zoom Meeting ID: 876 5634 1499

1. Data Science using Python & R
2. Machine Learning using Python & R

Machine Learning without Coding

Association of Training & Placement Officers
Indian Engineering Teachers Association
Industry Institute Collaboration Association
Summer Camp with Microsoft Credential + Internship

MAR Point

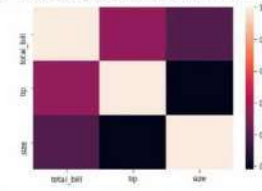
Indian Society of Innovative Project Research (Govt. of WB)
International Association of Professional & Fellow Engineers, USA

Zoom Meeting ID: 876-5634-1492

untitled23.ipynb

```
size 0.598315 0.489299 1.000000
```

```
[19]: sns.heatmap(tips.corr())
```



```
[20]: sns.pairplot(tips)
```

Buttons: Run, Stop, Refresh, Help, More

Name of the program	Coding on Core JAVA
----------------------------	----------------------------

Coding on Core JAVA

Department: Department of Electronics and Communication Engineering

Date:19/04/2020

Number of Students Involved:58

REPORT OF WORKSHOP ORGANIZED BY ECE DEPARTMENT ON 19/04/20

Title of the Workshop: Coding on Core JAVA

Date of the Workshop: 19/04/2020

Organized By : ECE department of JISCE

Advised By : Dr. Partha Sarkar (Principal of JISCE)

Guided By : Dr. Biswarup Neogi (Head of the ECE Department, JISCE) Convener

of the Workshop : Mr.Anirban Ghosal (Assistant Professor of ECE,JISCE) Committee

Member of the Workshop: All faculty & staff of ECE department, JISCE

Objective of the Course: The workshop is designed to provide knowledge on Core Java. Java programming is intended for software engineers, system analysts, program managers and user support personnel who wish to learn the Python programming language.

Learning Outcome: Problem solving and programming capability.

About the workshop: This Workshop was conducted by ECE Dept. In this pandemic situation when all colleges and schools are closed, online workshops on coding are needed to keep our students in touch with programming language. It would be more justified if this type of workshop is conducted by IT industry expert. Keeping this fact in first priority, we requested Techtree Technologies to conduct workshop on Core Java Programming by industry expert. The workshop was accomplished by Mr.Abhishek Ranjan Jha.Mr. Mr.Abhishek Ranjan Jha works in CTS.He is working there as Project associate in Big data.

Mr.Tunir Saha, Founder of Skubotics. He has been into rapid prototyping and product development

in the field of Embedded Systems and Internet of Things since 2010. Had worked in Cognizant for the last 5 years as a full stack developer and is currently a Senior Software Engineer at Bridgera LLC, Kolkata.

58 students from various department of JISCE attended this workshop. Students were highly satisfied and they demand more this type of workshop. Through this workshop students get knowledge on Python. As well as, through this workshop industry interaction to our students was also accomplished.

The image shows a presentation slide with two main sections: "Switch Case" and "break??".

Switch Case

```
switch(expression){
  case value1:
    //code to be executed;
    break; //optional
  case value2:
    //code to be executed;
    break; //optional
  .....
  default:
    code to be executed if all cases are not matched;
}
```

```
class SwitchEx {
  public static void main(String[] args) {
    //Declaring a variable for switch expression
    int num=20;
    //Switch expression
    switch(num){
      //Case statements
      case 10: System.out.println("10");
      break;
      case 20: System.out.println("20");
      break;
      case 30: System.out.println("30");
      break;
      //Default case statement
      default: System.out.println("Not in 10, 20 or 30");
    }
  }
}
```

break??

When a break statement is encountered inside a loop, the loop is immediately terminated and the program control resumes at the next statement following the loop.

```
class BreakEx {
  public static void main(String arg[] ) {
    //using for loop
    for(int i=1; i<=10; i++){
      if(i==5){
        //breaking the loop
        break;
      }
    }
    System.out.println(i);
  }
}
```

Output:
1
2
3
4

The slide also features the logo for "TECHTREE TECHNOLOGIES" at the bottom center and right.

Name of the program	Erradicated-online
------------------------------------	---------------------------

Erradicated-online

Department: Department of Electronics and Communication Engineering

Date:10/04/202 & 11/04/2020

Number of Students Involved:58

Initiative taken at the outset of lockdown period by the members of IEI students' chapter, Electronics and Communication Engineering Department, JISCE to organize a students' idea competition E-RRADICATE 2020 - COVID-19 Innovation Challenge during 10th and 11th April, 2020, 4PM onwards through online digital meeting platform. Main objective of the event is to trace out possible solutions to the listed problems of COVID-19.

During its inaugural session Prof. (Dr.) Partha Sarkar, Principal, JIS College of Engineering, Kalyani has delivered the motivational welcome address. Dr. Biswarup Neogi, HoD, ECE, JIS College of Engineering, Kalyani has addressed about the theme of the innovation challenge to the participants. The Chief Guest of the program Dr. Syed Majid Ali, Director Membership, The Institution of Engineers India has mentioned about the importance of innovations to fight against the pandemic COVID-19. Mr. Zahid Hussain, Editorial Assistant, IEI, Kolkata has also joined the common discussion with participants.

Students from various states such as Maharastra, Telengana, Manipur, Uttarakhand and also from various state institutes outside have participated to share solution to the listed problems on COVID-19.

Thanks to the group of judges internal and external to the organizing institute for devoting their valuable times to evaluate and synchronize through online marks submission platform. We are very much thankful for the same to Dr. Kaushik Mandal, Institute of Radio Physics and Electronics, University of Calcutta; Dr. Partha Pratim Sarkar, Department Of Engineering and Technological Studies, University Of Kalyani, Dr. Kaushik Sarkar, Narula Institute of Technology (Autonomous), MAKAUT, Dr. Rajendra Ghosh Dept of Electronics, Vidyasagar University., Dr. Sushovan Sarkar Dr Sudhir Chandra Sur Degree Engineering College, MAKAUT, Dr. Saradindu Panda Narula Institute of Technology (Autonomous), MAKAUT, Dr. Surajit Bari Narula Institute of Technology (Autonomous), MAKAUT, Dr. Sunipa Roy Guru Nanak Institute of Technology (Autonomous), MAKAUT, Dr. Sandhya Pattanayak Narula Institute of Technology (Autonomous), MAKAUT, Dr Anilesh Dey Narula Institute of Technology (Autonomous), MAKAUT, Dr. Sabyasachi Sen JIS College of engineering (Autonomous), MAKAUT, Dr. Papun Biswas JIS College of Engineering (Autonomous), MAKAUT, Dr. Sandip Bag JIS College of Engineering (Autonomous), MAKAUT,

Dr. Dharmpal Singh JIS College of engineering (Autonomous), MAKAUT, Dr. Sandip Ghosh JIS College of Engineering (Autonomous), MAKAUT, Dr. Karabi Ganguly JIS College of engineering (Autonomous), MAKAUT, Dr. Trina Dutta JIS College of engineering (Autonomous), MAKAUT, Dr. Debasish Das JIS College of engineering (Autonomous), MAKAUT.

For the 2 days of the program participants have unveiled their innovative thought through online presentation followed by question and answers with judges and other participants.

The program host Imran Roshan and his team members Anusweta Roy, Arnab Basu, Ayush Khamrui, Basab Kiran Saha have shown wonderful coordination throughout the program by solving queries to judges, answering queries and solving technical difficulties to participants. Top 10 positions declared as a result of this competition with many joint occupancies found.

The major outcome of this innovation challenge COVID-19 is the formation of research team to fight against the pandemic.



**Dr. S M Ali, Director
Membership, The Institution
of Engineers India**

Glimpses of the program enclosed herewith.



**Prof. (Dr.) Partha Sarkar,
Principal, JIS College of
Engineering, Kalyani**



Zahid Hussain

Editorial Assistant, IEI,
Kolkata



Biswarup Neogi, Co...

Dr. Biswarup Neogi,
HoD, ECE, JIS College
of Engineering, Kalyani

Organizing Members, Student Chapter, IEI, ECE, JISCE, Kalyani



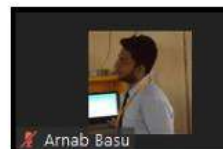
Imran Roshan

Imran Roshan, Coordinator,
IEI Student Chapter, ECE
JISCE, Kalyani



Anusweta Roy

Anusweta Roy,
Member, IEI Student
Chapter, ECE JISCE,
Kalyani



Arnab Basu

Arnab Basu,
Member, IEI
Student Chapter,
ECE JISCE, Kalyani



Ayush Khamrui

Ayush Khamrui,
Member, IEI Student
Chapter, ECE JISCE,
Kalyani



Basab Kiran
Saha, Member,
IEI Student
Chapter, ECE
JISCE, Kalyani

Judges Panel



Dr. Saradindu Panda



Dr. Sandhya Pattanayak



Dr. Anilesh Dey



Dr. Surajit Bari



Dr. Karabi Ganguly



Dr. Kaushik Sarkar



Dr. Sandip Bag



Dr. Trina Dutta



Dr. Kaushik Mandal



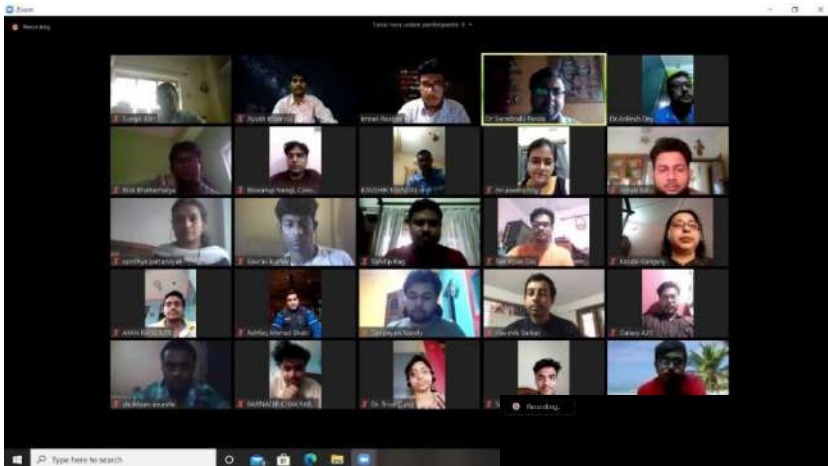
Dr. Sushovan Sarkar



Dr. Sabyasachi Sen, Dean R&D
JISCE, Kalyani



Dr. Papun biswas, Dean Innovative
learnings JISCE, Kalyani



**Name of
the
program**

Python Programming towards the Aim of Transformation on Future

Department: Department of Electronics and Communication Engineering

Date:30/03/2020

Number of Students Involved:60

REPORT OF WORKSHOP ORGANIZED BY ECE DEPARTMENT ON 30/03/20

Title of the Workshop: Python Programming towards the Aim of Transformation on Future Employment Scenario

Date of the Workshop: 30/03/2020

Organized By : ECE department of JISCE

Advised By : Dr. Partha Sarkar (Principal of JISCE)

Guided By : Dr. Biswarup Neogi (Head of the ECE department,JISCE) Convener

of the Workshp : Mr.Anirban Ghosal (Assistant Professor of ECE,JISCE) Committee

Member of the Workshop: All faculty & staff of ECE department, JISCE PO: PO11, PO12

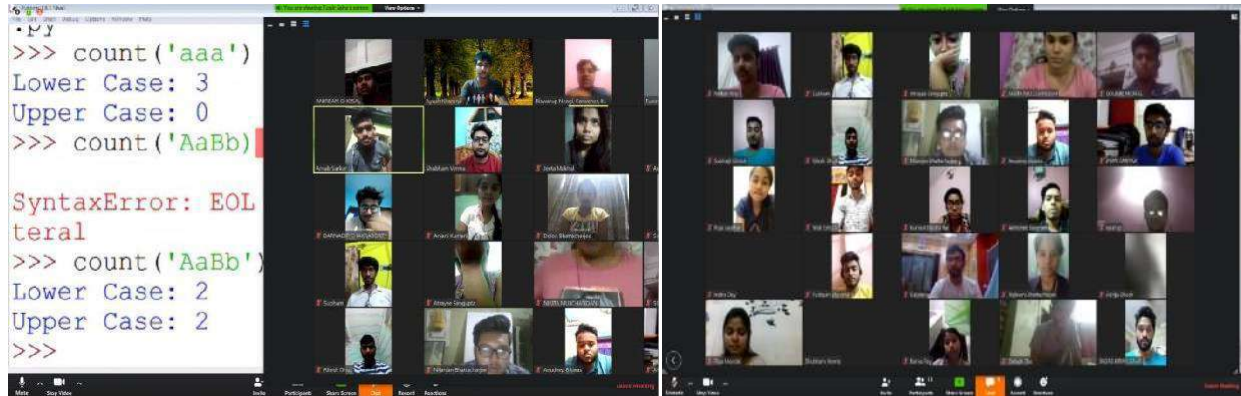
Objective of the Course: The workshop is designed to provide knowledge of Python. Python programming is intended for software engineers, system analysts, program managers and user support personnel who wish to learn the Python programming language.

Learning Outcome: Problem solving and programming capability.

About the workshop: This Workshop was conducted under the activity of Industry 4.0 Entry Training Lab driven by ECE Dept. In this pandemic situation when all colleges and schools are closed, online workshops on coding are needed to keep our students in touch with programming language. It would be more justified if this type of workshop is conducted by IT industry expert. Keeping this fact in first priority, we requested Mr. Tunir Saha to conduct workshop on Python Programming Language.

Mr.Tunir Saha, Founder of Skubotics. He has been into rapid prototyping and product development in the field of Embedded Systems and Internet of Things since 2010. Had worked in Cognizant for the last 5years as a full stack developer and is currently a Senior Software Engineer at Bridgera LLC, Kolkata.

60 students from ECE department attended this workshop. Students were highly satisfied and they demand more this type of workshop. Through this workshop students get knowledge on Python. As well as, It is a Handson from Home and Industry interaction to our students was also accomplished.



**Name of
the
program**

Python programming, User interface creation and Raspberry Pi programming

Department: Department of Electronics and Communication Engineering

Date:10/04/202 & 11/04/2020

Number of Students Involved:58

Name of the Event: Python programming, User interface creation and Raspberry Pi programming

Type of event*: CBC

Date and Duration: 16th to 20TH DECEMBER, 2019, 4HR/DAY

Name of Participant/s: Document Attached

No of Participant/s: 120

Place: JIS COLLEGE OF ENGINEERING

PO: PO9, PO12

Organised by(Name the Institute/University/Department/Company): ECE
DEPARTMENT

Objective/Paper name(20 words max): Raspberry Pi is a device which is a very high speed device and it is made of ARM. It is 32 bit microprocessor based device. Raspberry Pi 3B has the speed 1.2 GHz. Raspberry Pi has in built WiFi, Bluetooth connectivity and also very high speed LAN. Raspberry Pi can be programmed using Python or Node.js. Here we have programmed it using Python.

Brief report about the event(50 words max): Raspberry Pi is a device which is a very high speed device and it is made of ARM. It is 32 bit microprocessor based device. Raspberry Pi 3B has the speed 1.2 GHz. Raspberry Pi has in built WiFi, Bluetooth connectivity and also very high speed LAN. Raspberry Pi can be programmed using Python or Node.js. Here we have programmed it using Python. The following techniques were covered in the course:

1. Knowledge in Python programming.
2. Knowledge in data structure in Python (list, tuple, set and dictionary).
3. Knowledge in OOPS (class, methods, objects, inheritance etc.).
4. Knowledge in Arduino programming.
5. Knowledge in Raspberry Pi using Python.
6. Knowledge in User interface creation using Python.

The CBC was well attended by 120 students from ECE. The workshop received an excellent feedback from the participants and they had appreciated the method of delivery, model programs and the hands-on exercise.

Place photographs of the event in box





Outcome:

1. Knowledge in Python programming.
2. Knowledge in data structure in Python (list, tuple, set and dictionary).
3. Knowledge in OOPS (class, methods, objects, inheritance etc.).
4. Knowledge in Arduino programming.
5. Knowledge in Raspberry Pi using Python.
6. Knowledge in User interface creation using Python.

**Name of
the
program**

Inauguration of Innovation corner for Communication Lab

Department: Department of Electronics and Communication Engineering

Date:19/12/2019

Number of Students Involved:9

A BRIEF REPORT

Name of the Event: Inauguration of Innovation corner for Communication Lab

Type of event*: Industry-Institute interaction and External World Interaction

Date and Duration: 19/12/2019

Name of Participant/s: Departmental students of IIC cell No
of Participant/s: 9

Place: ECE Innovation corner of Communication Lab

Organised by(Name the Institute/University/Department/Company): Department of ECE PO:
PO11, PO12

Brief report about the event(50 words max): Dr. Tarun Kanti Bhattacharjee, Professor, ECE Department, IIT, Kharagpur, inaugurated a dedicated corner for projects display for Communication Lab

.Faculties of department also demonstrated various project models in front of him.



Inauguration of Innovation corner for Communication Lab

Name of the program	CBC program
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Department: Department of Electronics and Communication Engineering

Date:17/12/2019

Number of Students Involved:33

A BRIEF REPORT

Name of the Event: Implementation of MATLAB Programming

Type of event*: Course Beyond curriculum.

Date and Duration: 16 th to 20 th December, 2019.

Name of Participant/s: Attached In list

No of Participant/s: 33 in nos

Place: Room no 322 and VLST lab, Department of ECE

Organised by(Name the Institute/University/Department/Company): Department of ECE

Objective/Paper name(20 words max):

Giving training to students of year 2nd to 4th on MATLAB implementation in various fields of Engineering. Syllabus is attached herewith**.

PO: PO9, PO11, PO12.

Brief report about the event(50 words max):The whole schedule was for 5 days. The students got introduction on first day on MATLAB, followed by Program writing using MATLAB, Implementation of MATLAB programming in various field of Engineering, Implementation of MATLAB programming in Circuit Theory, Control system, Image processing, and finally satellite Communication. The persons involved in the whole process are Ms. Madhura Chakraborty accompanied by Dr. Biswarup Neogi and Mr. Anirban Patra. The training ended with study

Material handed over to student, Followed by assessment exam and feedback session. After ending of five days event students are handed over with participation certificate. It was an overall successful event.

Photographs of the event



Outcome: The training was for students to train them on various aspect of Engineering and how MATLAB is implemented on each for of the engineering field. After the training student is having knowledge on MATLAB and got exposure of industrial need under recent trends and got a glimpse of various emerging field of Engineering and how to solve real time problem.

CBC(Course Beyond Curriculum)[Offered by ECE Department]

CBC Code:CBC_ECE_MAT01

<u>Module</u>	<u>Topic</u>	<u>Hour</u>
Module 1	<u>History of MATLAB</u>	<u>1</u>
	<u>Introduction to MATLAB</u>	<u>1</u>
	<u>Various Features of MATLAB</u>	<u>2</u>
Module 2	<u>Various Commands of MATLAB</u>	<u>2</u>
	<u>Program writing using MATLAB</u>	<u>2</u>
Module 3	<u>Implementation of MATLAB programming in various field of Engineering</u>	<u>1</u>
	<u>Implementation of MATLAB programming in Circuit Theory</u>	<u>2</u>
Module 4	<u>Implementation of MATLAB programming in Control System</u>	<u>3</u>
Module 5	<u>Implementation of MATLAB programming in Image Processing</u>	<u>1</u>
	<u>Medical Image Processing</u>	<u>2</u>
Module 6	<u>Implementation of MATLAB programming in Satellite Communication</u>	<u>3</u>
	<u>TOTAL</u>	<u>20</u> <u>Hours</u>

Name of the program

Arduino Projects

Department: Department of Electronics and Communication Engineering

Date:17/12/2019

Number of Students Involved:18

Name of the Event:“Arduino Projects”

Type of event*: Course beyond Curriculum (CBC)

Date and Duration:17-20/12/19 , 11.00 am to 5.30pm

Name of Participant/s:List enclosed with this mail

No of Participant/s: 18 numbers of students successfully completed this course

Place:Communication Engineering Lab Room no: 320

PO: PO9,PO11

Organisedby(Name the Institute/University/Department/Company):

ECE department of JIS College of Engineering

Objective/Paper name(20 words max):This workshop aims to demystify the Arduino microcontroller through hands-on work in the lab creating simple machines with embodied behaviors. The Arduino is a versatile resource for physical projects for students in all disciplines. This course brings students over the beginner’s threshold to a basic understanding of the use, terminology, and potential of the Arduino. The skills and concepts taught in this course are presented from an interdisciplinary approach which merges practices in arts and technology. The first portion will teach the essential skills for creating a simple sensor-driven physical computing system, and the second portion will reinforce those skills by making a simple interactive project.

Brief report about the event(50 words max):

Course beyond Curriculum on “Arduino Projects” was conducted in between 16th to 20th

December,2020 at communication Engineering Lab. This course was conducted by Mr.AnirbanGhosal, Assistant Professor of ECE department, JISCE. 33 students were registered for this course and among them 18 students from ECE successfully completed this course. 8 modules were included in this course which is listed below.

<u>M1:Introduction</u>
<u>M2:Arduino Documentation</u>
<u>M3:Arduino Functions & Array</u>
<u>M4: Working with Sensors</u>
<u>M5: Working with Motors</u>
<u>M6: Working with GPS module</u>
<u>M7: Working with GSM/GPRS module</u>
<u>M8:Projects:</u>

After completion of 7th module, students were assigned two IoT based projects. 1st project assignment was to make an Earthquake detection and alarming system. IoT devices will be installed in building and if earthquake occur then alarm will ring and an SMS will be send to rescue team. This project was successfully done using Accelerometer, GSM module and Arduino Uno.

2nd project assignment was to make fire extinguisher robot. In this project if fire is detected then automatically water mump machine will be on to diminish fire and an SMS will be send to Fire Services department with the address of the location. This project was successfully implemented using Fire Sensor, Water Mump Motor, GSM module And Arduino Uno





Outcome:1. Create Arduino programs.

2. Introduction to latest technology.
3. Needs of Industry 4.0.
4. Arduino project ideas.
5. Helpful for summer internship.

**Name of
the
program**

Project demonstration of ECE

Department: Department of Electronics and Communication Engineering

Date:14/12/2019

Number of Students Involved:23

A BRIEF REPORT

Name of the Event: Project demonstration of ECE (Beyond Curriculum)

Type of event*: Industry-Institute interaction

Date and Duration: 14/12/2019

Name of Participant/s: 23 selected students and faculty

members No of Participant/s: 23

Place: Department of ECE, JISCE

Organised by(Name the Institute/University/Department/Company): Department of ECE, JISCE

PO:PO6, PO9, PO11, PO12

Brief report about the event :

Dr. A. Nazarov, Professor MIPT, Russia, visited different labs of the department and provided guidance for further modifications of projects/lab. Many students interacted with him .It was an excellent session. Many students demonstrated various projects and discussed many innovating idea with him.



Project demonstration of ECE (Beyond Curriculum)

**Name of
the
program**

Workshop on IOT-Internet of things

Department: Department of Electronics and Communication Engineering

Date:24/08/2020

Number of Students Involved:45

Name of the Event: Workshop on IOT-Internet of things

Type of event*: Alumni –student Interaction

Date and Duration: 24/08/2019

Name of Participant/s: 3rd students of ECE

No of Participant/s: 45

Place: JISCE

Organised by(Name the Institute/University/Department/Company): Department of ECE

Program outcome: PO5, PO9, PO12

Brief report about the event(50 words max): Mr. Supriya Mallick, alumnus 2008 gave a presentation on internet of things (IOT) and interacted with students. 45 number of students participated in the event .It was an industry institute interaction as Supriya Mallik works in Cognizant Pvt. Ltd in Kolkata presently.



Mr. Supriya Mallick, Alumnus ECE 2008	Associate Projects, Cognizant Technology Solutions India Pvt Ltd.	workshop on IoT - Internet of Things	45	24.08.2019
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**Name of
the
program**

Wall Magazine Competetion

Department: Department of Electronics and Communication Engineering

Date:22/08/2019

Number of Students Involved:26

Event: Wall Magazine Competetion

Date: 22nd August, 2019.

Objective: To inculcate the spirit of improvising creative idea and showcasing of current events through writeup , drawing, crafts and painting.

Participants: 26 number of 2nd and 3rd year students **participated in the competition.**

PO: PO9, PO11,PO12.

Brief Report: Department of Elcetronics and Communication organized a wall magazine competition on 22nd August, 2019. The event was conducted by Moumita Pal, Ranjana Ray and Madhura Chakroborty. Six wall magazines were submitted by students of 2nd and 3rd year. Their talents along with their talents were showcased in corridor of ECE Department . This program was inaugurated by Honorable Principle Sir Dr. Malay. R. Dave. Active participation of the students for whole decoration was praise worthy and encouraged by principle sir in great manner. The topics of yje wall magazine were related to environmental aspect, events related to defense, industry and advancement of aeronautical research occurred in India. All wall magazines were judged by faculties of ECE Department and also by few faculties from other departments . Three wall magazines were selected for first, second & third position.



Students demonstrating the ideas of their wall magazine



Outcome: This event involved the group activity and improvisation of their idea in presentable manner. All the students who participated in this event got participation certificate and star performers are awarded by achievement certificates.

Name of the program	Induction Program(Sports)
----------------------------	----------------------------------

Department: Department of Electronics and Communication Engineering

Date:13/08/2019

Number of Students Involved:60

A Report on “Activities (SPORTS) under Induction Program(MAR)”

Event : Interdepartmental indoor sports (Chess, Table Tennis, Billiard, Carrom)

Date : 5th, 8th, 13th, 14th, 21st & 22nd August of 2019.

Coordinator of Sports Event: Mr.Anirban Ghosal, Mr.Anirudhha Biswas(Department of ECE)

PO: PO9

Participants: Approximately 60 number of 1st year students from all departments of JISCE

Brief Report: The institute recognizes the importance of sportsman spirit and team effort for students. This can be learned in congenial environment through sports and games. For this the Campus has adequate sports facilities and state-of-the-art infrastructure. The Campus has adequate sports infrastructure e.g. Cricket, Basketball, Volleyball, Football, Badminton, Table Tennis, Chess and several other indoor and outdoor games. Along with the sports JISCE also provide Gym facilities to our students to make them strong and brave.

On 5th, 6th, 13th & 14th August, 2019, at room no 410 & 419 students of first year assembled to play indoor sports like Chess, Table Tennis, Billiard, & Carrom. Almost 50 students from all departments participated in sports event. They were very excited to see the infrastructure of our indoor sports room. They played all types of indoor games available in our sports room.

Finally a competition on Chess, Table Tennis, Billiard, Carrom was organized on 21st & 22nd August of 2019.

Carrom Competition:

30 numbers of 1st Year students (15teams) participated in Doubles Carrom Competition. Satyaki Birbanshi & Ashwini Routh of ME 1st year became Champion in Doubles Carrom Competition. Azharuddin Ansari & Akash Kumar became Runners up.



Carrom Doubles Chamioon: Ashwini Routh, Satyaki Birbanshi(left side) Runners up: Azaharuddin Ansari, Akash Kumar(Right Side)

Table Tennis Competition:

11 numbers of 1st Year students participated in Table Tennis Competition. Rishideep Datta of ECE 1st Year became champion & Uttaran Bakshi of BBA 1st year hold 2nd position.



TT Champion: Rishideep Datta(Left Side) Runners Up: Uttaran Bakshi(Right Side)

Billiard Competition:

17 numbers of 1st Year students participated in Billiard Competition. Rohan Prasad of EE 1st Year became champion & Sagar Chemjong of ME 1st year hold 2nd position.



Billiard Champion: Rohan Prasad(Right Side)

Runners Up: Sagar Chemjong(Left Side)

Chess Competition :

8 numbers of 1st Year students participated in Chess Competition. Abir Ghosh of BBA 1st Year became champion & Rahul Nath of CSE 1st year hold 2nd position.



Chess Champion: Abir Ghosh(left)

Runners up : Rahul

Nath(Right)

Outcome of Sports Event: i) Self-confidence and self-esteem

- ii) Teamwork
- iii) Leadership
- iv) Social Skills
- v) Discipline
- vi) Brainpower
- vii) Improved energy levels

Name of the program	Session with Myperfectice under a part of Induction Program
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Department: Department of Electronics and Communication Engineering

Date:08/08/2019

Number of Students Involved:410

Date: - 08/08/2019

Venue – B C Roy Auditorium and Room No. 218 (Main

Building) Name of the Coordinator – Mr. Anirban Patra

(Asst. Prof, ECE) No. of Participants: 410 (1st Year B

Tech Student)

Name of the Speaker – Mr. Gaurav Singh (Founder of Myperfectice)

Objective – To detect and analyze skill of 1st students in Science

The entire session was divided into two parts. In first part, there was a lecture period and in the second half, it was a practical session. Mr. Gaurav Singh who is the owner of famous company Myperfectice, explained how they have utilized Artificial Intelligence and Machine Learning to detect skill growth of the students. He also informed about their state-of-the-art product which is specially built for engineering institutes, suitable for campus jobs examinations, higher education examinations (GATE, CAT etc). In the second half, students appeared in an online test. Questions of the test was from Mathematics, Physics, Chemistry and Cognitive

Knowledge. This session was under a part of Induction Program suggested by AICTE.



Outcome – This session was to analyze student performance in science subjects.

Name of the program	Creative arts
----------------------------	----------------------

Department: Department of Electronics and Communication Engineering

Date:05/08/2018

Number of Students Involved:47

Event: Creative Arts (Music)(Interdepartmental Event) organized by department of ECE

Date: 5th and 6th August, 2019.

PO: PO9.

Participants: Approximately 47 number of 1st year students.

Brief Report: On 5th and 6th August, 2019, at room no 412 students of first year assembled under creative arts classes. This is a mandatory CA class and Music is the theme. This is a platform through which essence of Music is distributed. The schedule day program was co-ordinated by Sambhabee Banerjee(ECE-3rd year).Day one had a quiz session and Day two had individual performance by student. On first day group score was given and on second day individual marking was given.



Day-1 (Quiz session)



Day-2 (Individual performance)



Outcome: The platform spreads music and teaches students to relax, and perform in a team. Group activity along with talent is nurtured in the session.

Event Report
Department of Electronics and Communication Engineering
2018-2019
JIS College of Engineering

Name of the program	L & T visit, Kolkata
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Department: Department of Electronics and Communication Engineering

Date: 14/03/2018

Number of Students Involved: 23

REPORT

1. **Sub: *Larsen & Toubro Switchgear Training Centre Kolkata***
2. **Main objectives of the visit:**
 - a) The Main Objective of This Industrial Visit is to Make The Aspiring Engineers Acquainted With The Conceptual As Well As Practical Knowledge Of The Industrial Automation & Latest Technologies Being Used To Achieve Industrial Automation & method to control, protect and isolate **electrical** equipment.
 - b) To provide related and enabling technologies regarding combination of **electrical** disconnect switches, fuses or circuit breakers
3. **Date: 14.3.2019**
4. **Number Of Participants: 23 Students of 3rd year ECE.**
5. **Details of the Visit:** On reaching the center a brief introduction was given about what the visit was about and what it includes. Students were taken into automation Lab for the the brief introduction to related to

Common Types of Switchgear

By the current rating.

By interrupting rating.

By voltage class (low, medium, high)

By insulating medium (air, gas, oil, vacuum)

By construction type (indoor, outdoor, industrial, utility, marine, draw out, fixed, live-front, dead-front, open, metal-enclosed, metal-clad, arc-resistant)

In the automation lab hand on training was given related to integrated customized automation solutions for diverse industry types and execution about various meter was given along with their requirements. After lunch the students then visited various labs related to Integrated testing / FAT, Commissioning / SAT. In each of the lab basic operations, functions and descriptions were given about the equipments of the lab. The overall training programs cater to the basic as well as the complex technologies, with hands-on job aids and computer simulation with proper

guidance and intervention under the supervision of Mr. Debajyoti Ghosh, Asst manager, Electrical Standard Product, Larsen & Toubro Ltd.

. After successful visit a small token of thanks was provided from JIS College of Engineering to Mr. Mahendra Kumar, Training Incharge.





**Name of
the
program**

One Day Workshop on Python Programming

Department: Department of Electronics and Communication Engineering

Date:20/02/2019

Number of Students Involved:60

Name of the Event: One Day Workshop on Python Programming Type

of event*: Industry-Student Interaction

Date and Duration: 21/02/2019

Name of Participant/s: 3rd students of ECE No

of Participant/s: 60

Place: JISCE

Organised by(Name the Institute/University/Department/Company): Department of ECE

Program outcome:PO2,PO11, PO12

Brief report about the event(50 words max): One Day Workshop Organized by Department of Electronics and Communication Engineering, JISCE in collaboration with ARDENT COMPUTECH PVT. LTD. A committee was formed for this workshop whose members were Dr. Indranath Sarkar, Arindam Banerjee, Aniruddha Ghosh, Mainuck Das, Surojit Bhowmik, Rajib Sengupta, Sanjit Das , Nirmal Biswas and Sarda Shaw.

Venue: 21st February, 2019 (Thursday) at 1:00 p.m. in Room No. 218.

Duration: 1:00 p.m. - 5:00 p.m.

This was the one day workshop on python language organized for students of ECE to explore the power and simplicity of python language in association with python software. This workshop was appreciated by the all students, as they were able to add another programming language in their technical skill set. Two experts of ARDENT COMPUTECH PVT. LTD. came at JISCE campus in ECE department to give their basic lecture on Python Programming and one hands on mini project of basic gaming structure of Tic-Tac-Toe also. Experts demonstrated the basic idea of Python programming in python software version 3.7. Experts were very enthusiastic to explain the matter about Python Programming. Python is an open source, high-level and powerful programming language that is well suited for scientific computing. The aim of the workshop was to provide training to the students on the use and benefits of Open Source Software and the following aspects of Python Programming was covered:

- Introduction to Python programming
- Control structures

- Functions & Modules

The workshop was well attended by 55 students from ECE. The workshop received an excellent feedback from the participants and they had appreciated the method of delivery, model programs and the hands-on exercise.



Name of the program

Industrial visit(BTPS)

Department: Department of Electronics and Communication Engineering

Date:06/02/2019

Number of Students Involved:34

Name of the Event: **One day Industrial Visit To Bandel Thermal Power Station.**

Type of event*: Industrial Visit Date

and Duration: 06/02/2019

Name of Participant/s: 3rd students of ECE No of

Participant/s: 34

Place: JISCE

Organised by(Name the Institute/University/Department/Company): Department of ECE

Program outcome: PO9, PO11, PO12

Brief report about the event(50 words max):

BTPS is under WBPDC. Here 455MW power is generated and distributed in various parts of West Bengal surrounding Bandel.

Students got various practical knowledge regarding

- Demineralised plant
- coal handling
- Coal Mill
- Boiler
- Turbine
- Generator

Interesting Part of visit was Automation Control Unit including PLC and SCADA.

Visit to BTPS involves concept of all fields of engineering subjects like Electronics, Electrical, Mechanical, Civil, and Instrumentation.

The unloading of coal wagons and the crushing of coal using iron balls was very interesting concept for students. Coal handling plant control room was well explained.

Students got practical knowledge of unloading coal wagons.

Students visited all the 5 units of generation of power among them the largest one as developed by BHEL. Students have gained a lot from visit. They have enjoyed this experience.



Name of the program

PhD / Higher studies awareness training program of ECE

Department: Department of Electronics and Communication Engineering

Date:17/12/2018

Number of Students Involved:12

A BRIEF REPORT

Name of the Event: PhD / Higher studies awareness training program of ECE

Type of event*: FDP

Date and Duration: 17/12/2018

Name of Participant/s: All faculty member of ECE

No of Participant/s: 12

Place: JISCE

Organised by(Name the Institute/University/Department/Company): Department of ECE

Program Outcome: PO8, PO12

Objective/Paper name(20 words max): The event was organized to motivate faculty members who are pursuing PhD or ready to pursue

Brief report about the event(50 words max): Dr. Angshuman Sarkar, Asst Professor, KGEC shared PhD registration protocol for different universities and inspired faculty for research and publications.

Total 12 number of faculty members joined the program on 17/12/2018



awareness program of ECE

Event Report

Department of Electronics and Communication Engineering

2017-2018

JIS College of Engineering

Name of the program	ISRO visit, Kolkata
----------------------------	----------------------------

Department: Department of Electronics and Communication Engineering

Date:15/02/2018

Number of Students Involved:25

Name of the Event: Educational Tour at RRSC (East) , ISRO on

15/02/2018 Type of event*: Educational Tour

Date and Duration: 15/02/2018

Name of Participant/s: 3rd students of

ECE No of Participant/s: 25

Place: JISCE

Organised by(Name the Institute/University/Department/Company): Department of

ECE PO: PO7, PO9, PO12

Brief report about the event(50 words max): Educational Tour at RRSC (East) , ISRO on 15/02/2019
On 15/02/2018, UG students of Electronics and Communication Engineering department of JIS College of Engineering visited Regional Remote Sensing Centre (East) which is a branch of Indian Space Research Organization (ISRO). Mr. Anirban Patra (Asst. Prof, ECE) and Ms. Kavya Jaiswal (Executive, Corporate Relations) accompanied the students. Dr. S Banerjee (Director, RRSC - East) heartily welcomed students and informed that he is very pleased for this tour. Mr. A Mondal (Scientist) explained the activities of ISRO through a beautiful presentation. He also told the glorious history and some advanced projects of ISRO. A video was presented regarding ISRO's recent Mars expedition. Mr. Y K Srivastava (Scientist) described some basic information and application of GIS System. Dr. D Chakraborty (Senior Scientist) explained in detail that how they analyze the images captured by satellite and send necessary information to various organizations. During the presentation, he explained that there are many applications of Satellite Image Processing. Ms S Pandey (Scientist) presented use of cloud computing system at RRSC-East. She also explained this during practical demonstration. Mrs A Paul (Scientist) presented the application of Bhuvan website run by ISRO. A memento was handed over to the honorable director, Dr. S Banerjee for his heartiest cooperation. At the end of the session students asked many questions about satellites. The visit ended with a photo session.

Name of the program

Industrial visit(BTPS)

Department: Department of Electronics and Communication Engineering

Date:08/08/2017

Number of Students Involved:21

Name of the Event: Seminar on Industry automation Type of event*: Alumni –student Interaction

Date and Duration: 07/02/2020

Name of Participant/s: 3rd students of ECE No of Participant/s: 21

Place: JISCE

Organised by(Name the Institute/University/Department/Company): Department of ECE

Program outcome:PO9, PO10, PO11, PO12

Brief report about the event (50 words max): Mr. Ajay de Sarkar, alumnus 2017 gave a presentation on Industry Automation and interacted with students. 21 number of students participated in the event .It was an industry institute interaction as Mr. Ajay de Sarkar works in ARM Technology presently.



Mr. Supriya Mallick, Alumnus ECE 2008	Associate Projects, Cognizant Technology Solutions India Pvt Ltd.	workshop on IoT - Internet of Things	45	24.08.2019
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**Department of Mechanical Engineering, JISCE
Event Organized: (2019-2020)**

Name of the Programme

Equipment Design and selection for Centrifugal Casting of Iron Pipes

Department : ME

Date: 9/4/2020

No. of Faculty Involved :09

No. of Student Involved: 65

No of Beneficiaries: 74

photo

The poster features the logos of JIS College of Engineering Kalyani and JIS Group Educational Initiatives at the top. The main text is on a dark blue background with white and yellow text. It includes the speaker's name, Mr. K G Pilsima, and his affiliation, GM-Design, Electrosteel Castings Ltd. The event is organized by the Department of Mechanical Engineering at JIS College of Engineering. The date is 09.04.2020 and the time is 07:00 PM. A registration link and contact information (website and phone number) are provided at the bottom.

Photo

The screenshot shows a Zoom meeting window with a presentation slide. The slide title is 'EQUIPMENT DESIGN & SELECTION FOR CENTRIFUGAL CAST DI PIPE MANUFACTURING'. It features an image of a centrifugal casting machine and a cross-section of a pipe. The text on the slide reads: 'A review on Industrial perspective for Mechanical Engineering Students of JIS Colleges of Engineering'. The Zoom interface shows a participant named 'Dr. Sandy Chakr' and a video feed of the speaker.

Photo

The screenshot shows a Zoom meeting window with a presentation slide titled 'SUCCESS THROUGH GOALS'. The slide features a diagram of a goal hierarchy and lists the SMART criteria: Specific, Measurable, Attainable, Realistic, and Tangible. It also lists six areas of life that goals should cover: Financial and Career, Physical and health, Family and home, Mental and education, Spiritual and ethical, and Social and culture. The slide includes a 'GOAL WISH' graphic and a 'CENTRIFUGAL CASTING' logo.

Photo

The screenshot shows a Zoom meeting window with a presentation slide titled 'DI PIPE PROPERTIES AND DESIGN'. The slide includes a diagram of a pipe and a table of properties. The text on the slide reads: 'DI-PIPE PROPERTIES AND DESIGN: DI-PIPE: the design procedure for DI-PIPE from pipe includes: Design the internal structure into the pipe to give the pipe the required strength. Design for external loads (weight load plus track loads). Use the lay up resulting wall thickness. Add an extra layer to the pipe. This procedure results in the final selected design thickness. Size which the appropriate procedure close to the design.' The table lists properties such as 'E-Modulus', 'Yield Strength', and 'Tensile Strength'.

Name of the Programme

3D Modelling with CATIA

Department : ME

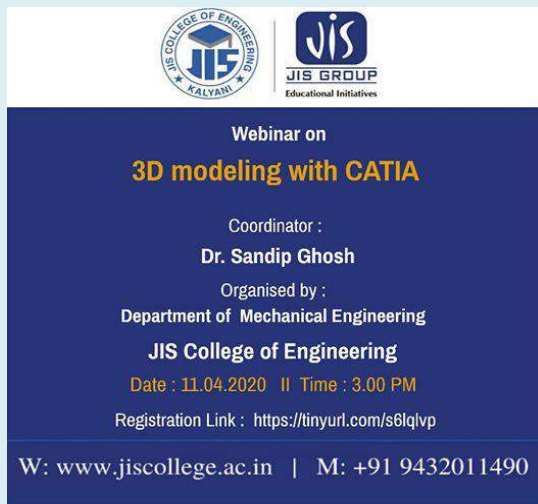
Date: 11th April 2020

No. of Faculty Involved :08

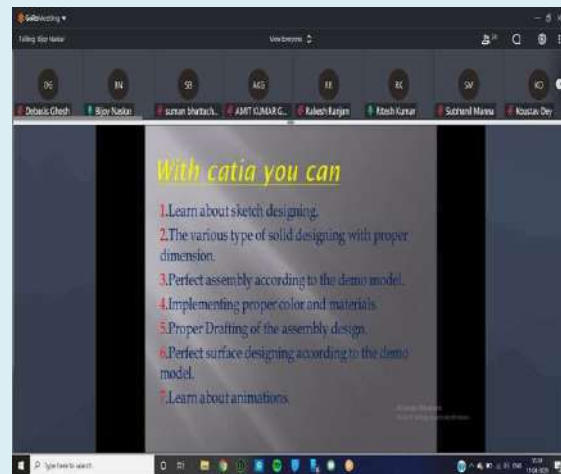
No. of Student Involved: 75

No of Beneficiaries: 83

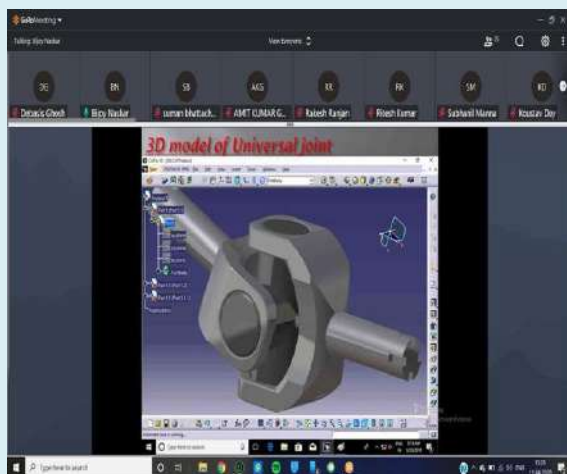
photo



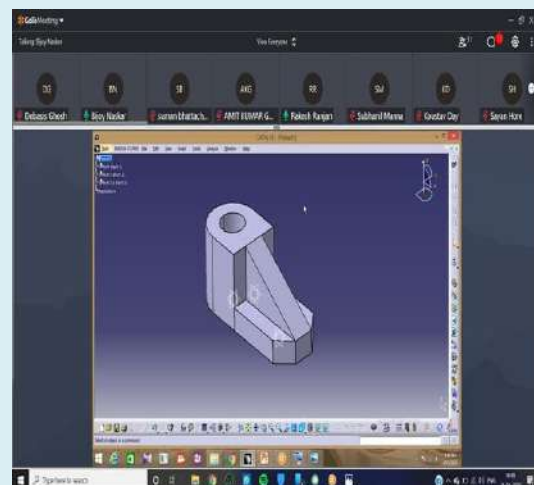
Photo



Photo



Photo



Name of the Programme

Career opportunities in Indian Railways

Department : ME

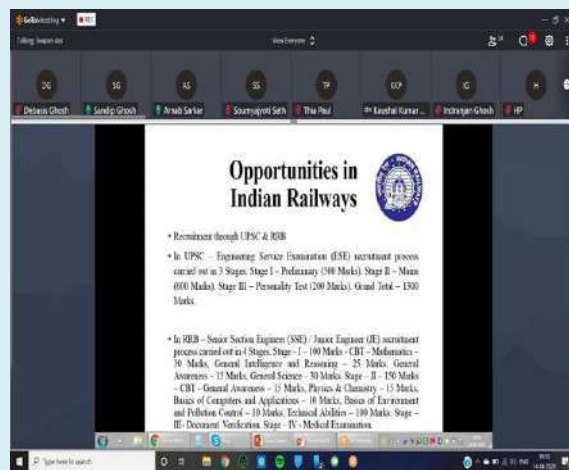
Date: 14th April 2020

No. of Faculty Involved : 11

No. of Student Involved: 55

No of Beneficiaries:66

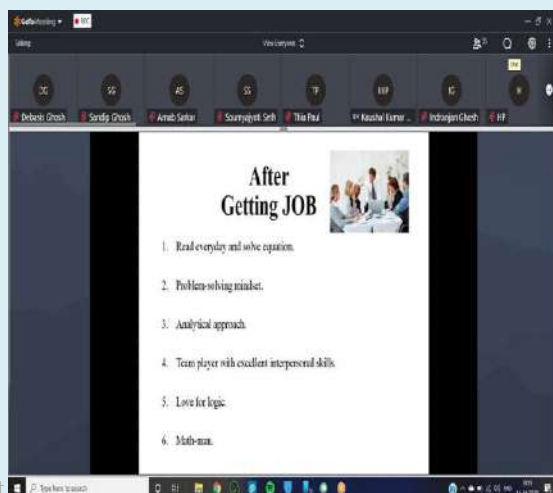
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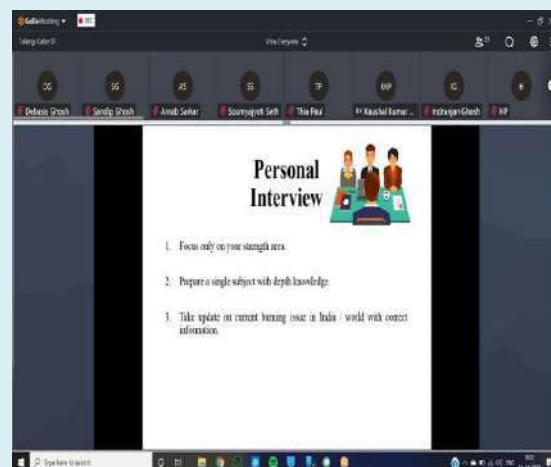
photo



Photo



Photo



Name of the Programme

Career Opportunities and Preparation for Public Sector Units

Department : ME

Date: 18th April 2020

No. of Faculty Involved :11

No. of Student Involved:83

No of Beneficiaries:94

photo



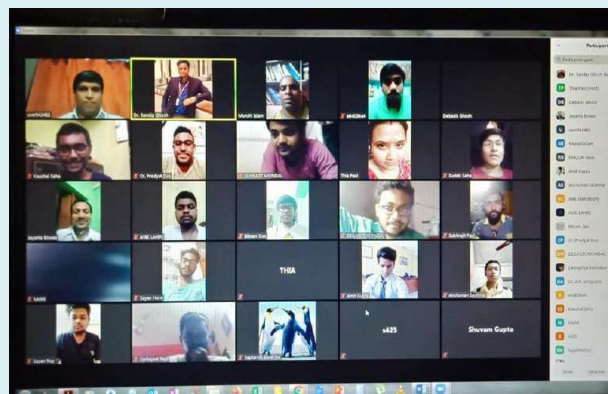
Photo



Photo



Photo



Name of the Programme

Fundamentals of aerodynamics and it's applications

Department : ME

Date: 22nd April 2020

No. of Faculty Involved : 09

No. of Student Involved: 57

No of Beneficiaries: 66

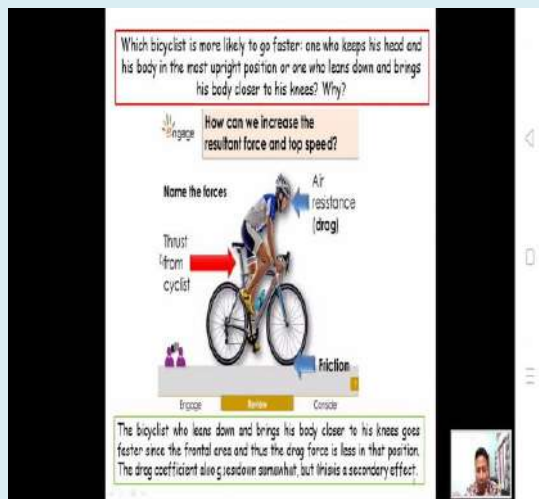
Photo



photo



Photo



Photo



Name of the Programme

Preparation strategy to crack GATE Exam

Department: ME

Date: 24th April 2020

No. of Faculty Involved: 09

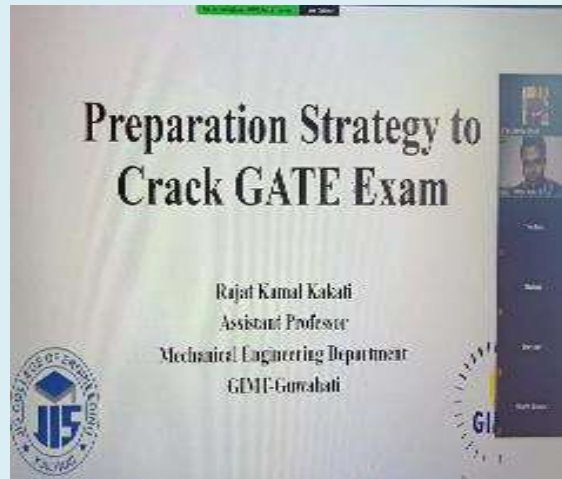
No. of Student Involved: 75

No of Beneficiaries: 84

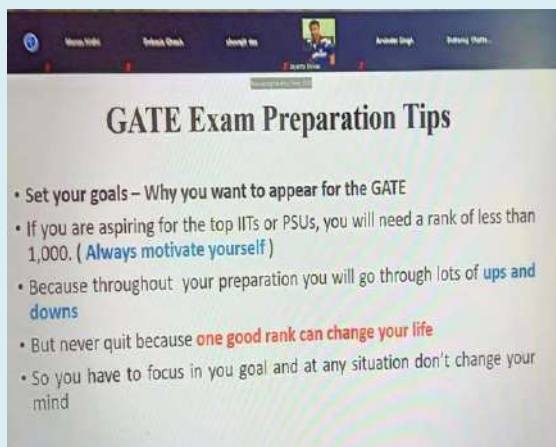
Photo



Photo



Photo



Phot



Name of the Programme

Manufacturing of Conveyor Belt

Department : ME

Date: 29th April 2020

No. of Faculty Involved : 09

No. of Student Involved: 85

No of Beneficiaries: 94

Photo

Alumni Connect
Industry Lecture Session

Webinar
on
"Manufacturing of Conveyor Belt "

Speaker
Mr. Shahriar Ali
Assistant Manager
Phoenix Conveyor Belt India Pvt Ltd.

Organised by:
Department of Mechanical Engineering
JIS College of Engineering
Date: 29.04.2020
Time: 3.00 PM
<https://forms.gle/ReGLNClVqTQXP346>

W: www.jiscollege.ac.in | M: +91 9432011490

Photo

Manufacturing of Conveyor Belts

PHOENIX CONVEYOR BELT INDIA (P) LTD

PHOENIX
Conveyor Belts

Photo

Constructional Elements of Steel Cord Conveyor Belts

- The Core Element - Steel cord
- The Cover Element - Cover Rubber
- The Bonding Element - Bonder

Labels in diagram: cover carry side, core rubber, textile reinforcement, edge rubber, steel cable right hand, steel cable left hand, cable diameter, cover pulley side, textile reinforcement.

PHOENIX CONVEYOR BELT INDIA (P) LTD

PHOENIX
Conveyor Belts

Photo

Grid of participants in a video conference.

Name of the Programme

Business Process and it's Integration with Production Planning

Department : ME

Date:2nd May 2020

No. of Faculty Involved :09

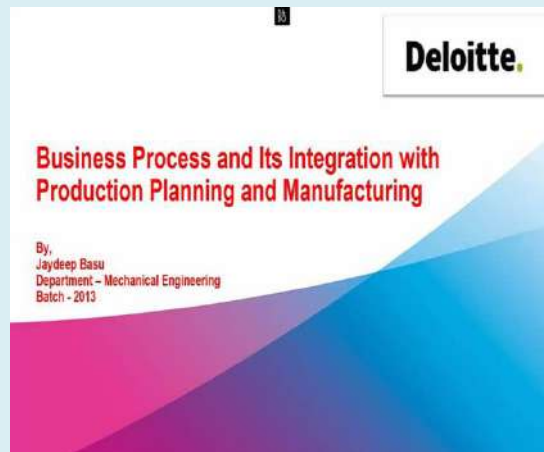
No. of Student Involved: 54

No of Beneficiaries: 63

Photo



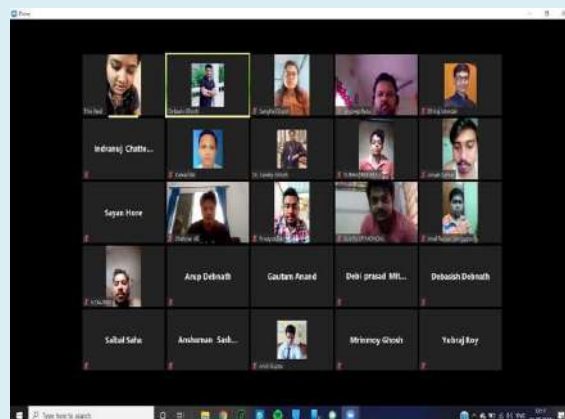
Photo



Photo



Photo



Name of the Programme

Internshala Internship Webinar

Department : ME

Date: 27th April 2020

No. of Faculty Involved : 08

No. of Student Involved: 82

No of Beneficiaries: 90

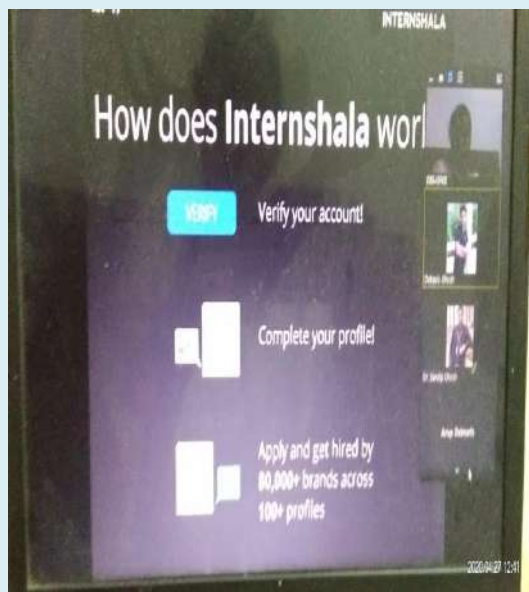
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Photo



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NURTURING
THE SKILLS OF
THE
NEXT
GENERATION
ENGINEERS!

ADMISSIONS OPEN



MECHANICAL ACTIVITIES

Alumni Connect
Industry Lecture Session



Webinar
on

"Manufacturing of Conveyor Belt "

Speaker

Organised by:

Department of Mechanical Engineering
JIS College of Engineering

Date: 29.04.2020

Time: 3.00 PM

<https://forms.gle/ReGLnCIVqTQiXP346>



Mr. Shahriar Ali

Assistant Manager

Phoenix Conveyor Belt India Pvt Ltd.

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WEBINAR ON FUNDAMENTALS OF AERODYNAMICS AND IT'S APPLICATIONS

COVID-19
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JIS COLLEGE OF ENGINEERING
KALYANI

JIS GROUP
Educational Initiatives

Webinar
on
Fundamentals of Aerodynamics and it's Applications
<https://forms.gle/9v1hGuXd19Cs9sz38>

Speaker
Dr. Bachu Deb
HOD and Assistant Professor, Grade-I
Department of Mechanical Engineering
NIT Mizoram

Department of Mechanical Engineering
JIS College of Engineering | Date: 22.04.2020 | Time: 10.00 IST

W: www.jiscollege.ac.in | M: +91 9432011490

Aerodynamic concerns the motion of air and other gaseous fluids and forces acting on objects in motion through the air.





Outcome: After completion of the session, students learned the basic concepts of aerodynamics and its applications in engineering field. They also gained knowledge regarding boundary layer theory, importance of airfoil geometry in engineering applications and various research scopes in the field of



Webinar on

3D modeling with CATIA

Coordinator :

Dr. Sandip Ghosh

Organised by :

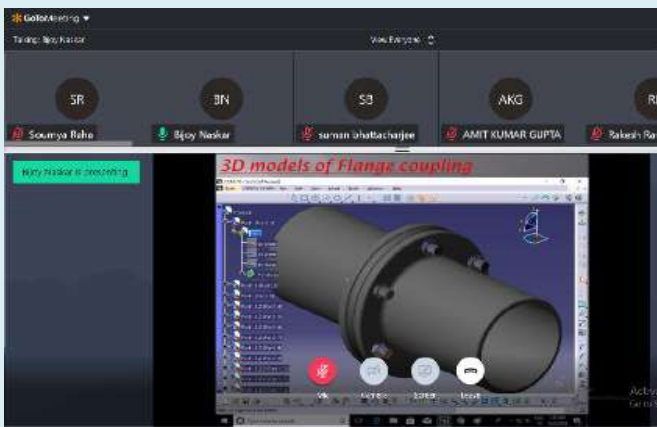
Department of Mechanical Engineering

JIS College of Engineering

Date : 11.04.2020 || Time : 3.00 PM

Registration Link : <https://tinyurl.com/s6lqlvp>

W: www.jiscollege.ac.in | M: +91 9432011490





**Webinar on
"Beam Stress for Symmetric Loading Case"**



Speaker: Dr. Prabir Sarkar
Professor (ME), IIT(ISM) Dhanbad(Retired)

Organised by:
Department of Mechanical Engineering
JIS College of Engineering
Date: 06.05.2020 || Time: 11:00 AM
<https://forms.gle/56kqqY3WsF9jWuhD6>

W: www.jiscollege.ac.in | M: +91 9432011490



Webinar on
"Imperatives for Project Leadership in a
Hyper- Dynamic Business Environment"



Speaker: Mr. Partha Sarathi Ghose
President, Kalyani Steels Ltd. , Pune

Organised by:

Department of Mechanical Engineering

JIS College of Engineering

Date: 11.05.2020 || Time: 05:30 PM

<https://forms.gle/q6VrZwMGr8fYf42TA>

W: www.jiscollege.ac.in | M: +91 9432011490



WEBINAR

on



**AIR DISTRIBUTION SYSTEMS
IN
CENTRAL AIRCONDITIONING**



Speaker:

**DR. SANCHAYAN MUKHERJEE
PROFESSOR, KALYANI GOVT. ENGINEERING COLLEGE**

**ORGANIZED BY
DEPARTMENT OF MECHANICAL ENGINEERING
JIS COLLEGE OF ENGINEERING**

DATE: 07.06.2020 TIME: 6:30 PM

<https://forms.gle/Py7cQcL2BAguoMUg8>

Web: www.jiscollege.ac.in

M: +917003772535 +919432011490

Outcome: The presentation by the expert have created great interest within students to learn t different papers of Mechanical Engineering and Electrical Engineering including verbal and non-verbal reasoning



In association with
IEI STUDENTS CHAPTER
Webinar
on
"Philosophy of Machine Design"

Speaker



Organised by:
Department of Mechanical Engineering
JIS College of Engineering

Date: 22.05.2020
Time: 04.00 PM
<https://forms.gle/zwG87SikZDhveVWk7>

Dr. Suman Kalyan Das
Assistant Professor,
Dept. of Mechanical Engineering
Jadavpur University

W: www.jiscollege.ac.in | M: +91 9432011490



**Webinar on
Career Opportunities in Indian Railways**

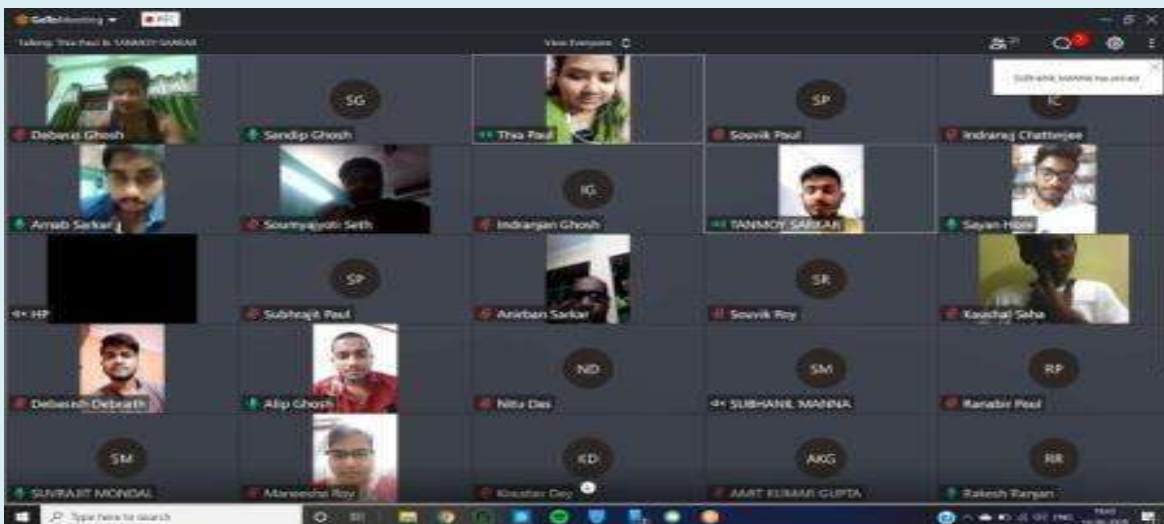
Expert :
Dr. Swapan Das
Senior Section Engineer, Indian Railways

Organised by :
Department of Mechanical Engineering
JIS College of Engineering

Date : 14.04.2020 || Time : 7.00 PM

Registration link : <https://tinyurl.com/tv5heeg>

W: www.jiscollege.ac.in | M: +91 9432011490





5 Days
Faculty Development Program

on

Advanced Materials & Mechatronic
Systems for Industrial Automation

8TH - 12TH JUNE 2020

Distinguished Speakers



Registration: <https://forms.gle/HpePZtc692BiKrYL9>

Convener - Dr. Sandip Ghosh (7003772535)

Coordinator:

Dr. Anal Ranjan Sengupta(7002659925),
Ms. Thia Paul(7003156340), Mr. Palash Biswas (8296138040)

Organized by

Department of Mechanical Engineering

JIS COLLEGE OF ENGINEERING

Web: www.jiscollege.ac.in +919432011490



5 Days Faculty Development Program Advanced Materials & Mechatronic Systems for Industrial Automation

Program Schedule



08 th June, 7:00 PM
Topic: Introduction to composite material with a special emphasis on laminated composites.
By
Dr. Subhankar Das, Assistant Professor, SIET, Puttur, Andhra Pradesh



11th June, 4:00 PM.
Topic: Application of Project management in Today's Industry.
By
Mr. Abhijit Sen, Assistant Manager, Strategic planning, Haldia Petrochemicals Ltd., WB



9th June, 3:00 PM
Topic: Innovative Intelligent Product Development through Multi-Disciplinary Approach
By
Dr. Subhasis Bhaumik, Dean, Research and Consultancy, Professor, Department of Aerospace Engg. & Applied mechanics, IIPST, Shibpur.



12th June, 5:00 PM.
Topic: Mechatronic Systems & Dynamic Modelling
By
Dr. Dipankar Sanyal, Professor, Mechanical Engg. Dept. Jadavpur University, WB



10th June, 9:00 PM.
Topic: Introduction to Mechatronics and its applications
By
Mr. Praashant Doshi, Advanced System Engineer, Navvis GmbH, Munich, Germany.



12th June, 7:30 PM.
Topic: Entrepreneurship & Automation
By
Ms. Sila Singh Ghosh, Vice President, Corporate Affairs, JIS Group, Registrar, JIS College of Engineering, WB

Convener - Dr. Sandip Ghosh (7003772535)

Coordinator:

Dr. Anal Ranjan Sengupta(7002659925),
Ms. Thia Paul(7003156340), Mr. Palash Biswas (8296138040)

Department of Mechanical Engineering

JIS COLLEGE OF ENGINEERING

Web: www.jiscollege.ac.in +919432011490

Webinar Industrial Design & Machining

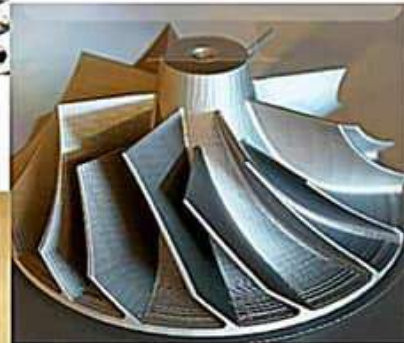


1. Scope of work for
Mechanical Engineers
in Industries



2. Advance
Machining and
3D printing

3. Industrial costing for
Machine Design



4. Air-conditioning heat
load calculations

5. Question and
Answer Session

Course Coordinators

Dr. Sandip Ghosh,
Ms. Thia Paul,
Mr. Munshi Rasidul Islam

Registration Link

<https://forms.gle/ZxKZHh2jF1rdAJ2d6>

Date: 08.05.2020,

Time: 11:30 AM

Organised by -

Team - Mechanical, JISCE
& Admission Cell, JISCE

Web : www.jiscollege.ac.in ||

M: +91 9432011490

Alumni Connect
Industry Lecture Session



Webinar
on

"Business Process and It's Integration
with Production Planning"

Speaker

Organised by:

Department of Mechanical Engineering

JIS College of Engineering

Date: 02.05.2020

Time: 12.00 PM

<https://forms.gle/Mqszrr7GqARbBf4TA>



Mr. Jaydeep Basu

Consultant

Deloitte Touch Tohmatsu India LLP

W: www.jiscollege.ac.in | M: +91 9432011490



Webinar on

"Equipment Design and Selection for Centrifugal Casting of Iron Pipes : An Industrial Perspective"

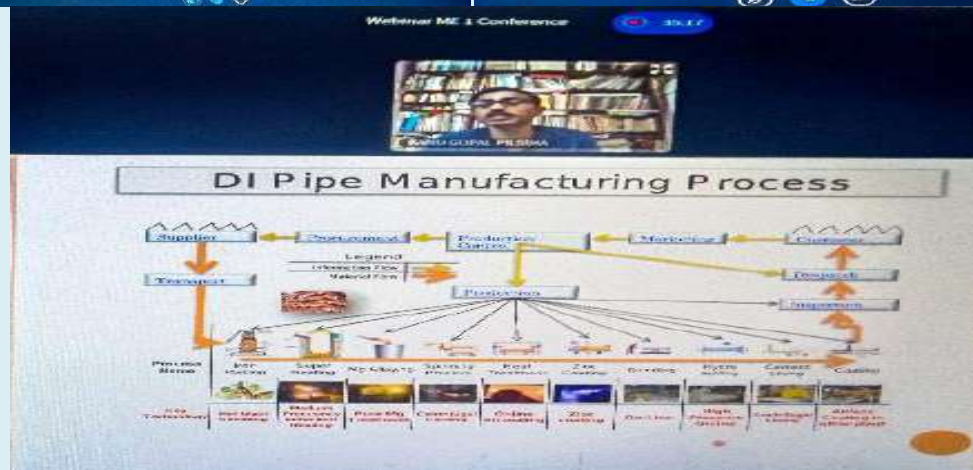
Speaker : Mr. K G Pilsima
GM-Design, Electrosteel Castings Ltd.

Organised by : Department of Mechanical Engineering
JIS College of Engineering

Date: 09.04.2020 | Time: 07:00 PM

Registration link: <https://forms.gle/qJo2K31vdmFpBUkVA>

W: www.jiscollege.ac.in | M: +91 9432011490



Outcome: After the session, Students got detailed knowledge regarding the design of equipment and planning involved in preparation of Ductile Cast Iron in a industry. A direct exposure to the techniques of Centrifugal Casting and associated systems made the students industry ready as they were introduced to industrial drawings and special equipment selection process critical to run a casting industry.



Webinar on
**Career Opportunities and Preparation for
Public Sector Units"**

Speaker :

Mr. Moloy Kr. Banerjee

Grade I Engineer, Steam Turbine Commissioning Division,
Bharat Heavey Electircals Limited (BHEL)

Organised by :

Department of Mechanical Engineering
JIS College of Engineering

Date : 18.04.2020 || Time : 7.00 PM

Registration link - <https://tinyurl.com/y9338tx9>

W: www.jiscollege.ac.in | M: +91 9432011490

In association with
IEI STUDENTS CHAPTER



Webinar
on
Ignition Systems of IC Engine:
Basics and Advancement

Organised by:
Department of Mechanical Engineering
JIS College of Engineering

Date: 11.06.2020

Time: 07:30 PM

<https://forms.gle/MaKgrEdAH723PQT46>

Speaker



Dr. Pradip Mondal
Assistant Professor,
Dept. of Mechanical Engineering
NIT Sikkim

W: www.jiscollege.ac.in | M: +91 9432011490


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Webinar on Preparation Strategy to Crack GATE Exam



Speaker
 Mr. Rajat Kamal Kakati
 Assistant Professor(ME)
 GIMT,Guwahati, Assam



Department of Mechanical Engineering
 JIS College of Engineering | Date: 24.04.2020 | Time:11.00 IST
<https://forms.gle/VLFYeAEwdwUey66u9>
 W: www.jiscollege.ac.in | M: +91 9432011490

Preparation Strategy to Crack GATE Exam

Rajat Kamal Kakati
 Assistant Professor
 Mechanical Engineering Department
 GIMT,Guwahati

GATE Exam Preparation Tips

- Set your goals – Why you want to appear for the GATE
- If you are aspiring for the top IITs or PSUs, you will need a rank of less than 1,000. (**Always motivate yourself**)
- Because throughout your preparation you will go through lots of **ups and downs**
- But never quit because **one good rank can change your life**
- So you have to focus in you goal and at any situation don't change your mind



Remaining Meeting Time: 02:09

Participants:

- 1. Find a participant
- 2. Dr. Sandip Ghosh (A)
- 3. This Feed (A)
- 4. Debasish Debnath
- 5. RAJAT KAMAL KAKATI
- 6. Mr. Rajat Kakati
- 7. Anil Kumar Dasgupta
- 8. Debasish Debnath
- 9. Kumar Halim
- 10. Indranuj Chatterjee
- 11. Kamal Pal
- 12. U.S. Saha
- 13. Manjiv Kumar
- 14. INDRAJ CHATTERJEE
- 15. Chiranjeev Choudhary
- 16. Parthiv Dasgupta
- 17. DEBANJAN DAS
- 18. Subh
- 19. Suman Bha...
- 20. Suman Bha...

Outcome: From this interactive session, the students came to know the effective preparation strategy to succeed in GATE exam for their future endeavors.



My view on Mechanical Engineering


- ✂ Easy to understand concept
- ✂ Always having same demand for growth
- ✂ Backbone of any technological advancement
- ✂ Diversified application
- ✂ Huge career opportunities

Career Opportunities & Preparation for Public Sector Units

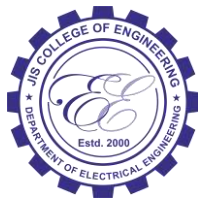
Career Opportunities & Preparation for Pubic Sector Units



Technical Services Dept. / Power
 Bharat Heavy Electricals Limited (A Maharatna)

The screenshot shows a Zoom meeting in progress with a grid of 25 participants. The participants' names and avatars are visible in the grid. On the right side, there is a 'Participants' list with icons for each participant. The meeting controls at the bottom of the screen are also visible.



JIS College of Engineering

(An Autonomous Institution)



Department of Electrical Engineering

Departmental Seminar/Workshop/Extra Curricular Activities organized

Sl. no	Name of The Event	Date
1	Video Film Making Inside House Using Mobile Phone Organized By Dept. Of EE, JIS College Of Engineering.	15.05.2020
2	Innovative Research Opportunities In Modern Engineering And Technology.	18 th -23 rd May,2020
3	International Workshop	6 th -10 th May,2020
4	Webinar On Basics Of Thermal Power Plant	13.05.2020
5	Virtual Industrial Visit!	11.05.2020
6	Dept. Of EE, JIS College Of Engineering Is Organizing A Digital Cultural Evening To Celebrate Mother's Day	10.05.2020
7	Opportunities In Coal Field For Engineers	04.05.2020
8	Webinar On Scope Of Electrical Engineers On Operation Management	28.04.2020
9	Webinar Report On Lightening Application	20.04.2020
10	Webinar On Sensors & Actuators In Industrial Automation	18.04.2020
11	Webinar On Core Industry Requirement	27.04.2020
12	Webinar On Need Of Measurement & Instrumentation In Industry	26.04.2020
13	Webinar Modern Perspective Of Renewable Energy 2020	23.04.2020
14	Digital Alumni Meet	25.04.2020
15	Global Market Of IT Industry	25.04.2020
16	Poster Design Contest	22.04.2020
17	Let's Play Football Virtually	19.04.2020
18	National Level Drawing Competition	18.04.2020
19	Business Model Webinar	17.04.2020
20	Parents Teacher Meeting	15.04.2020
21	E-CAD Webinar	15.04.2020
22	Cooking Contest	11.04.2020
23	PLC Industry Automation Webinar	11.04.2020
24	Industrial Need And Latest Scenario Webinar	08.04.2020
25	Introduction To Machine Learning With Python	17.07.2019
26	Electrical Design With Auto Cad	18.07.2019- 26.07.2019

27	Workshop On PLC And Automation	08.07.2019- 17.07.2019
28	Seminar On An Overview Of Substation And It's Equipment	10.04.2019
29	Technology Based Entrepreneurship Development Program (TEDP)	14.03.2019
30	3-Days Entrepreneurship Awareness Camp	15.01.2019- 17.01.2019
31	Electrical Design With Auto Cad & 3d Printing	02.01.2019- 12.01.2019
32	Workshop On Design & Installation Of Solar PV Module	02.01.2019- 12.01.2019
33	Recent Trends In High Voltage Engineering” (RTHVE2016)	16th May, 2016
34	Next Generation Cellular Technology” (Ngct2016/Ngct2k16)	6th May,2016
35	Power Electronics And Drives (Ped2016)” (Nsaswe 2016)	13th May,2016
36	Application Of Solar & Wind Energy” (Nsaswe 2016)	20th April,2016
37	Industrial Automation Using PLC, SCADA & DRIVES	2nd April,2016
38	Energy Conservation & Its Industrial Approach (ECIA2K16)	10th May,2016
39	3 – Weeks Hands – On Training Programme On Industrial Automation: PLC & SCADA For Final Year Students	30th March – 29th April, 2016
40	3 – Weeks Hands – On Training Programme On Industrial Automation: PLC & SCADA For Final Year Students	18th Feb – 19th March, 2016
41	One Day Workshop On Industrial Automation Using PLC, SCADA & Drives For Pre Final Year Students.	2nd April, 2016
42	International Conference On Non – Conventional Energy ICONCE 2014.	14 – 16 January,2014
43	TEQIP Sponsored One Day National Seminar On “Power System Monitoring, Control And Stability” (PSMCS-2013)	2013
44	TEQIP Sponsored National Seminar On “Role Of Power Electronics & Drives In Modern Technology” (RPEDMT-2013)	2013
45	TEQIP Sponsored National Seminar On Robotics & Nano Science (NSRN-2013)	2013
46	Energy System Planning, Implementation And Operation(ESPIO-2011)	19TH Aug 2011
47	Indian Conference On Trends In Modern Engineering System	2-3, February, 2008

Report of Webinar of Business Model Canvas on 17.04.2020

To beat the Lockdown in this pandemic situation of COVID-19 the department of Electrical Engineering of JISCE is continuously bridging the gap of social distance by keeping in touch with the students digitally. So remove the barrier of mysticism of knowledge the department of Electrical Engineering have organized a webinar on **Business Model Canvas** through Canvas Portal Platform on 17.04.2020

The honourable guest of this Webinar are Mr. Subham Das and Smt. Mandira Karmakar. They are currently working in Amuktika Industries as a Co-founder and Director. They have discussed regarding Business Model which have a significant role to enhance the knowledge on Business matter. Total 139 No. Of registration have been collected through Google Form out of which 84 No. of students have participated.

These kind of webinar is not only exuberant the students life with immense knowledge but also aided them to apply it in practical fields of their professional life in later period.

We are cordially thankful to Mr. Subham Das and Smt. Mandira Karmakar to give us her/him valuable time for betterment of our students and participant's skills regarding this matter

Some screenshots of the event have been attached herewith.

The poster is a promotional graphic for a webinar. At the top left, it says 'Webinar' in blue, followed by 'FACULTY DEVELOPMENT PROGRAM' in red and blue. The main title is 'Business Model Canvas' in black. Below this, it says 'In association with Amuktika Industries' in black. Two speakers are listed: 'Shri Subham Das, Co-founder & Director, Amuktika Industries' and 'Smt. Mandira Karmakar, Co-founder & Director, Amuktika Industries'. There are circular portraits of both speakers. The background is light blue with various business-related icons like a lightbulb, gears, and a bar chart. At the bottom left, it says 'Organized By Department of Electrical Engineering, JIS College of Engineering | Contact: Mr. Abhishek Dhar | M: 897973932'. At the bottom right, it says 'DATE: 17-04-2020' and 'Time: 19:00 IST'. Logos for JIS Group and JIS College of Engineering are also present.

Report of Webinar **Digital Alumni Meet** **On 25.04.2020**

To beat the Lockdown in this pandemic situation of COVID-19 the department of Electrical Engineering of JISCE is continuously bridging the gap of social distance by keeping in touch with the students digitally. So remove the barrier of mysticism of knowledge the department of Electrical Engineering have organized a Digital Alumni Meet through Go-to meeting. Platform on 25.04.2020 from 3 p.m

A lots of number of alumnae have been participated in that Webinar. They have a lots of Ideas. Arnab Dutta, a alumni of 2015-2019 batch have been suggested that the students should be segregated into different team as per their interest on software industry, core industry or in academic research zone .He have suggested that a mentor from the alumni should be allotted to them who will guide them to achieve success in professionally on their chosen industry ,.

These kind of webinar is not only exuberant the students life with immense knowledge but also aided them to apply it in practical fields of their professional life in later period.

We are cordially thankful to all alumnae to give us their valuable time for betterment of our students

Some screenshots of the event have been attached herewith.



Report of Webinar **Current Situation in Global IT Industry**

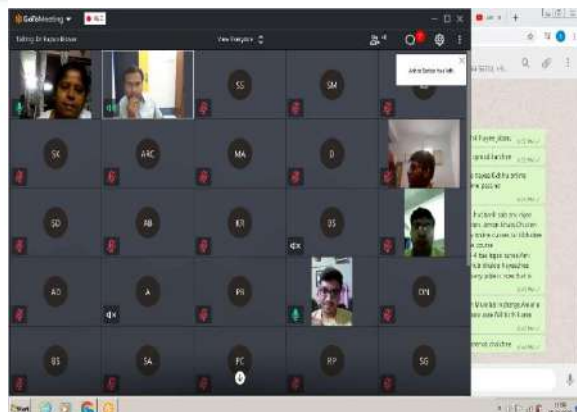
To beat the Lockdown in this pandemic situation of COVID-19 the department of Electrical Engineering of JISCE is continuously bridging the gap of social distance by keeping in touch with the students digitally. So remove the barrier of mysticism of knowledge the department of Electrical Engineering have organized a webinar on Current Situation in Global IT Industry. Through Goto Meeting Platform. Platform on 25.04.2020

The honourable guest of this Webinar is Mr. Mayukh Mukherjee who is also an alumni of our department from 2009-2013 Batch. He is currently working in Cognizant Technology Solutions as a Product Specialist Technical. He has discussed regarding the current situation of global IT industries which have a significant role to enhance the knowledge on this matter. More than hundreds no. of registrations have been collected through Google Form out of which more than seventy students have participated.

These kind of webinar is not only exuberant the students life with immense knowledge but also aided them to apply it in practical fields of their professional life in later period.

We are cordially thankful to Mr. Mayukh Mukherjee. to give us his valuable time for betterment of our students and participants skills regarding this matter. We are also very proud as he is an alumni of our department and lend his helping hand towards the present students.

Some screenshots of the event have been attached herewith.



Report of Webinar of Industry Needs and Latest Scenario in Electrical Industry on 08.04.2020

To beat the Lockdown in this pandemic situation of COVID-19 the department of Electrical Engineering of JISCE is continuously bridging the gap of social distance by keeping in touch with the students digitally. So remove the barrier of mysticism of knowledge the department of Electrical Engineering have organized a webinar on **Industry Needs and Latest Scenario in Electrical Industry** through Zoom Platform on 08/04/2020

The honourable guest of this Webinar is Mr. IndrajitSengupta.He is currently working in L&T as an Project Manager. He have discussed regarding on **Industry Needs and Latest Scenario in Electrical Industry** which have a significant role to enhance the knowledge on on**Industry Needs and Latest Scenario in Electrical** matter. Total 132 No. Of registration have been collected through Google Form out of which 76 No. of students have participated.

These kind of webinar is not only exuberant the students life with immense knowledge but also aided them to apply it in practical fields of their professional life in later period.

We are cordially thankful to Mr. IndrajitSengupta to give us her/him valuable time for betterment of our students and participants skills regarding this matter

Some screenshots of the event have been attached herewith.

ALUMNI CONNECT

Webinar
on
**Industry Needs and Latest Scenario in
Electrical Industry**

Registration Link: <https://forms.gle/pgJjsEkwXflkRtd9>

Speaker
Mr. Indrajit Sengupta
Project Manager, L&T
EE 2000- 2004 Batch

Organized by
Department of Electrical Engineering
JIS College of Engineering

Date: 08.04.2020 || Time: 11:30 AM

W: www.jiscollege.ac.in | M: +91 9432011490

Report of Webinar **On PLC(Industry Automation) on 11.04.2020**

To beat the Lockdown in this pandemic situation of COVID-19 the department of Electrical Engineering of JISCE is continuously bridging the gap of social distance by keeping in touch with the students digitally. So remove the barrier of mysticism of knowledge the department of Electrical Engineering have organized a webinar on PLC(Industrial Automation) through Zoom Platform on 11.04.2020

These kind of webinar is not only exuberant the students life with immense knowledge but also aided them to apply it in practical fields of their professional life in later period.

We are cordially thankful to Mr.Sanjoy Das Jr. to give such a wonderful lecture for betterment of our students regarding this matter

Some screenshots of the event have been attached herewith



Webinar Report of (Core Industry Requirement After Electrical Engineering)

To beat the Lockdown in this pandemic situation of COVID-19 the department of Electrical Engineering of JISCE is continuously bridging the gap of social distance by keeping in touch with the students digitally. So remove the barrier of mysticism of knowledge the department of Electrical Engineering have organized a webinar on **Core Industry Requirement After Electrical Engineering** through Goto Meeting Platform on 27.04.2020.

The honourable guest of this Webinar is Mr. Arup Kumar Mandal. He is currently working in Emami Agrotech Ltd as a Senior Executive (Automation Department). He has discussed regarding Core Industry Requirement which has a significant role to enhance the knowledge on Automation application in Core Industry.

These kind of webinar is not only exuberant the students life with immense knowledge but also aided them to apply it in practical fields of their professional life in later period.

We are cordially thankful to Mr. Arup Kumar Mandal to give us his valuable time for betterment of our students and participants skills regarding this matter.

Some screenshots of the event have been attached herewith.

The banner features a background of colorful gears and icons. At the top left is the JIS logo with 'JIS COLLEGE OF ENGINEERING KALYAN'. In the center, it says 'PEER LEARNING WEBINAR'. To the right is the 'JIS GROUP Educational Initiatives' logo. Below this, it states 'DATE: 27-04-2020' and 'Time: 19:00 IST'. The main title is 'Core Industry Requirement After Electrical Engineering'. A circular portrait of Arup Kumar Mondal is shown next to his name and details: 'Senior Executive Automation Department, Emami Agrotech Ltd, +91 94757 57444, 2012 - 2016 Batch'. At the bottom left, it says 'Organized By Department of Electrical Engineering'. At the bottom right is another JIS logo. The footer contains contact information: 'JIS College of Engineering | www.jiscollege.ac.in | Contact: Mrs. Suparna Pai | M: 9903307331'.

Report of Webinar **Of Need of Measurement & Instrumentation in Industry** **On 26.04.2020**

To beat the Lockdown in this pandemic situation of COVID-19 the department of Electrical Engineering of JISCE is continuously bridging the gap of social distance by keeping in touch with the students digitally. So remove the barrier of mysticism of knowledge the department of Electrical Engineering have organized a webinar on Need of Measurement & Instrumentation in Industry. Throughgotomeeting . Platform on 26.04.2020.

The honourable guest of this Webinar is Mr. Subarna Kanti Das . He is currently working in ITC Limited as an Manager-Instrumentation He have discussed regarding necessity of Instrumentation and the knowledge of measurement in Industry which have a significant role to enhance the knowledge on this matter. Total 150 No. Of registration have been collected through Google Form out of which more than 100 . No. of students have participated.

These kind of webinar is not only exuberant the students life with immense knowledge but also aided them to apply it in practical fields of their professional life in later period.

We are cordially thankful to Mr. Subarna Kanti Das. to give us his valuable time for betterment of our students and participants skills regarding this matter

Some screenshots of the event have been attached herewith.



Webinar Report of Alumni Connect Industrial Lecture Session

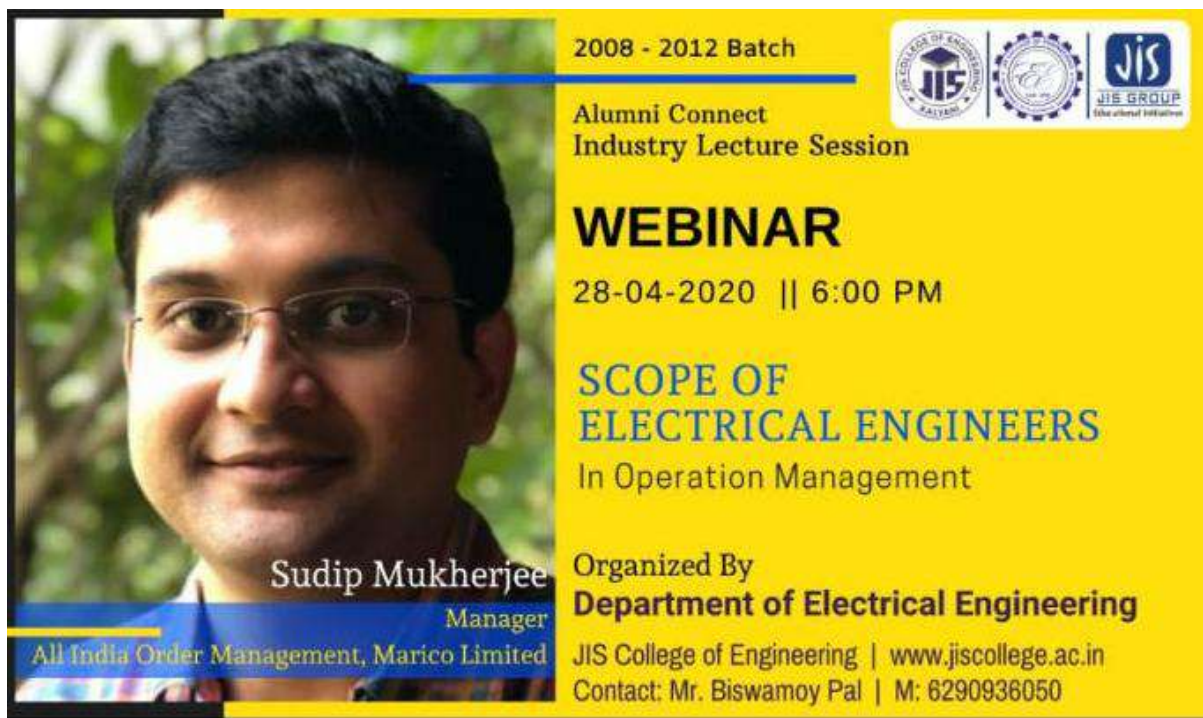
To beat the Lockdown in this pandemic situation of COVID-19 the department of Electrical Engineering of JISCE is continuously bridging the gap of social distance by keeping in touch with the students digitally. So remove the barrier of mysticism of knowledge the department of Electrical Engineering have organized a webinar on **Scope of Electrical Engineers in Operation Management** through Zoom Platform on 28.04.2020

The honourable guest of this Webinar is Mr. Sudip Mukherjee. He is currently working in All India Order Management as a Manager. He has discussed regarding Scope of Electrical Engineers in Operation Management, which has a significant role to enhance the knowledge on Operation Management matter.

These kinds of webinars are not only exuberant the students' life with immense knowledge but also aided them to apply it in practical fields of their professional life in later periods.

We are cordially thankful to Mr. Sudip Mukherjee to give us his/her/him valuable time for the betterment of our students and participants' skills regarding this matter.

Some screenshots of the event have been attached herewith.



The banner features a portrait of Mr. Sudip Mukherjee on the left. The right side has a yellow background with the following text: '2008 - 2012 Batch', 'Alumni Connect Industry Lecture Session', 'WEBINAR', '28-04-2020 || 6:00 PM', 'SCOPE OF ELECTRICAL ENGINEERS In Operation Management', 'Organized By Department of Electrical Engineering', and contact information for JIS College of Engineering. Logos for JIS College of Engineering, JIS Group, and JIE Group are also present.

2008 - 2012 Batch

Alumni Connect
Industry Lecture Session

WEBINAR

28-04-2020 || 6:00 PM

**SCOPE OF
ELECTRICAL ENGINEERS**
In Operation Management

Organized By
Department of Electrical Engineering

JIS College of Engineering | www.jiscollege.ac.in
Contact: Mr. Biswamoy Pal | M: 6290936050

Sudip Mukherjee
Manager
All India Order Management, Marico Limited

Webinar Report of (Sensors & Actuators Used in Industrial Application)

To beat the Lockdown in this pandemic situation of COVID-19 the department of Electrical Engineering of JISCE is continuously bridging the gap of social distance by keeping in touch with the students digitally. So remove the barrier of mysticism of knowledge the department of Electrical Engineering have organized a webinar on Sensors & Actuators Used in Industrial Application through Zoom Platform on 18.04.2020

The honourable guest of this Webinar is Mr. Asim Kumar Mandal. He is currently working in Microsoft as an Ops. Manager, Strategic Sales. He has discussed regarding Sensors & Actuators in Industrial Application which have a significant role to enhance the knowledge on Sensors & Actuators. Matter..

These kind of webinar is not only exuberant the students life with immense knowledge but also aided them to apply it in practical fields of their professional life in later period.

We are cordially thankful to Mr. Asim Kumar Mandal to give us his valuable time for betterment of our students and participants skills regarding this matter

Some screenshots of the event have been attached herewith.



The poster is a blue and white graphic with a diagonal split. It features the following text and logos:

- Top left: COVID-19 logo with the text "Stay Home | Stay Safe | Stay Healthy".
- Top center: "JIS Promotes Digital Education" and "#GharPePadhai CoronaSayLadhai".
- Top right: Logos for "JIS COLLEGE OF ENGINEERING KALYANI" and "JIS GROUP Educational Initiatives".
- Center: "Webinar on Sensor and Actuators used in Industrial Automation".
- Bottom center: "Speaker Asim Kumar Mandal, Ops. Manager, Strategic Sales, Microsoft, Hyderabad".
- Bottom left: "Department of Electrical Engineering, JIS College of Engineering | Date: 18-04-2020 | Time: 11:00 IST".
- Bottom right: A circular portrait of Mr. Asim Kumar Mandal.

Webinar Report of (Lightening Applications & Scope)

To beat the Lockdown in this pandemic situation of COVID-19 the department of Electrical Engineering of JISCE is continuously bridging the gap of social distance by keeping in touch with the students digitally. So remove the barrier of mysticism of knowledge the department of Electrical Engineering have organized a webinar on Lightening Application & Scope through Zoom Platform on 20.04.2020

The honourable guest of this Webinar is Mr. Debarka Sarkar .He is currently working in Philips Lighting India Ltd as an Assistant Manager. He have discussed regarding Lightening Application & Scope which have a significant role to enhance the knowledge on Illumination engineering.

These kind of webinar is not only exuberant the students life with immense knowledge but also aided them to apply it in practical fields of their professional life in later period.

We are cordially thankful to Mr. Debarka Sarkar to give us his valuable time for betterment of our students and participants skills regarding this matter

Some screenshots of the event have been attached herewith.

WEBINAR
LIGHTING : APPLICATIONS AND SCOPE

DATE: 20-04-2020
Time: 16:00 IST

Debarka Sarkar
Assistant Manager (Lighting Application Specialist)
Philips Lighting India Ltd.
2009 2013 Batch

Organized By
Department of Electrical Engineering
JIS College of Engineering | Contact: Dr. Papun Biswas | M: 9433766654