



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



Event List

(2020-2021 to 2014-2015)

Session	Name of the Program	Date
2021-2022	One Day Entrepreneurship Awareness Program	10.03.2022
	Intellectual Property Rights Awareness Program	02.02.2022
	Strategic Elements for Start-up: To Kick Start your Entrepreneurial Journey	26.02.2022
	How Can I Remember This? Tips for Improving Memory	29.01.2022
	Attainment of Course and Program Outcomes'	24.01.2022-4.02.2022
	CO-PO Attainment calculation	29.11.2021 - 30.11.2021
	CO-PO Mapping in View of Examination Reforms	10.11.2021

Session	Name of the Program	Date
2020-2021	Faculty & Staff training program on Continuous Evaluation Process	01.07.2020 - 03.07.2020
	Assessment on MYPERFECTICE ; Phase-I	09.07.2020 - 11.07.2020
	Training Program On JIS group LMS	12.10.2020
	Digital Energy Network; IoT Applications in Smart Grid Systems	8.02.2021 to 13.02.2021
	Workshop on Python Programming	25.03.2021 – 27.03.2021
	Assessment on MYPERFECTICE ; Phase-II	20.05.2021- 22.05.2021
	Catch young minds early- teachers training on orientation programme for new entrants	Phase-I: 07.06.2021 – 12.06.2021 Phase-II: 14.06.2021 - 19.06.2021 Phase- III: 21.06.2021 - 26.06. 2021
	Smart Materials & Systems for Sustainable Development	28.06.2021 - 03.07.2021
	One Week National FDP/ Awareness Program on Entrepreneurship--Innovation-- IPR--Startup	28.06.2021 - 03.07.2021
2019-2020	Faculty & Staff training programme on Continuous Evaluation Process, JISCE	01.07.2019 – 03.07.2019
	Avant grade theoretical modeling and state of art Experimental	10.12.2019 – 20.12.2019

Session	Name of the Program	Date
	techniques in Nano electronic devices	
	Respiratory Assistive Device to fight COVID-19	08.04.2020
	Site Organization in Civil Engineering Industry	13.04.2020
	Webinar on Ethical Hacking	05.04.2020
	Python Programming towards the Aim of Transformation on Future Employment Scenario	30.03.2020
2018-2019	Flipped Learning and its Extension to 2nd Year and Mentorship Activity	02.07.2018 – 06.07.2018
	FDP on outcome based education and accreditation system	19.07.2018
	Staff training program on Fire safety tips at workplace	07.08.2018
	Transforming education through technology	03.04.2019
2017-2018	Workshop on Flipped Learning	29.07.2017 – 31.07.2017
	Various Dimensions of the future of Engineering Graduates	03.08.2017
	Introduction to Medicinal Chemistry and Development of Modern Drugs from Plants	24.03.2018
2016-2017	Analysis of Human Brain Activity	29.07.2016
	JISTech2K17	25.05.2017-26.05.2017
	Administrative training on CREATRIX Campus Management	12.05.2017

Session	Name of the Program	Date
2015-2016	Professional Development on Effective Teaching and Learning	20.08.2015-21.08.2015
	Industrial Automation Using PLC, SCADA, & DRIVES	02.04.2016
	Next Generation Cellular Technology	06.05.2016
2014-2015	3Days professional development program on “Medical Image Processing Using MATLAB”	20.08.2014-22.08.2014
	FDP on “Mission 10X –UTLP Practitioner Training Program”	21.07.2021-25.07.2014



Internal Quality Assurance Cell (IQAC)
JIS College of Engineering, Kalyani



Event Report
(2021-2022 to 2014-2015)



**Internal Quality Assurance Cell (IQAC)
JIS College of Engineering, Kalyani**



**Event Report
2021-2022**

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on One Day Entrepreneurship Awareness Program

Name of the Event : One Day Entrepreneurship Awareness Program

Date: 10th March, 2022

Organized by :- MSME-Kolkata in association with IQAC, JISCE.

Venue: B.C.Roy Auditorium, JISCE

Objective: The aim of this program is to motivate young persons (Men and Women) representing different sections of the society including SC/ST, women, physically handicapped, Ex-servicemen and BPL persons to consider self-employment or entrepreneurship as one of the career options

Participants: 100

Brief Report: MSME in association with IQAC, Institution Industry Cell and Institution's Innovation Cell, JIS College of Engineering organized One Day Entrepreneurship Awareness Program. The program was started at 10.30 am in B.C. Roy Auditorium.

The resource person of the program was

Dr. Debansu Chatterjee, Asstt. Professor, IMS, Kolkata

Mr. Basudeb Banerjee, Former Senior Co-Ordinator, EDI and Secretary, All India Skill Development Organization

Mr. Tarak Kansabanik, Assistant Director, MSME-DI, Kolkata

Ido Sayed Tarafder DIC Nadia

Nowadays, start-up or entrepreneurship is the topic of discussion among the young generation where the students have to develop true leadership qualities to tread the path of being an employer. The speakers discussed the preparation and management for being a successful future entrepreneur and interacted with the participants related to their queries in the field. In a concluding note, the program provided an insight into the planning and management required to kick start an entrepreneurial journey.

Glimpse of the Event



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on ‘Intellectual Property Rights Awareness Program’

conducted by the Patent Office, Kolkata (Department for Promotion of Industry & Internal Trade, Ministry of Commerce & Industry) under the aegis of IQAC, JISCE, Kalyani.’

Name of the Event: Intellectual Property Rights Awareness Program

Date: 2nd Feb, 2022

Organized by :- IQAC, JISCE.

Venue: Online Platform

Objective: The aim of this event was to create awareness related to Intellectual Property Rights (IPR.).

Participants: 245

Participation list, College appreciation certificate from ‘the Department for Promotion of Industry & Internal Trade (DPIIT) under Ministry of Commerce & Industry has launched the ‘National Intellectual Property Awareness Mission (NIPAM)’ and Program Video is available in the following link.

<https://drive.google.com/drive/folders/1o3Pximlw972kPPrEwIxRDAL5IR-CjpaQ?usp=sharing>



Brief Report

The Patent Office, Kolkata under Department for Promotion of Industry & Internal Trade, Ministry of Commerce & Industry, Under the aegis of Internal Quality Assurance Cell (IQAC) & Institution's Innovation Council (IIC) (in association with BSHU Dept.) JIS College of Engineering organised ‘Intellectual Property Rights Awareness Program’ on 2nd February, 2022.

Recently, The Department for Promotion of Industry & Internal Trade (DPIIT) under Ministry of Commerce & Industry has launched the 'National Intellectual Property Awareness Mission (NIPAM)', under which a special drive has been initiated to impart awareness on different aspects of Intellectual Property (IP) to students, Faculty and Staff members of different Institutes. As a part of the said campaign, The Patent Office, Kolkata in association with JIS College of Engineering, Kalyani conducted this Program. The Program is conducted under the Government of India Initiative 'AZADI KA AMRIT MAHOTSAV'. The main motto of this program is to create awareness related to Intellectual Property Rights (IPRs.).

The participants were welcomed by Dr. Partha Sarkar (Principal, JISCE), Dr Sabyasachi Sen (Dean of R&D and IIC President, JISCE) and Dr Biswaroop Neogi, (Head ECE & IIC Convener, JISCE). The program was coordinated by Mr. Tanmoy Dutta (Asst. Prof of Chemistry & Event coordinator). Dr. Abhishek Sachan, Examiner of Patents & Designs (Group-A Gazetted), The Patent Office Kolkata (as NIPAM Trainer) and Mr. Suman Sil, Examiner of Patents & Designs (Group-A Gazetted), The Patent Office Kolkata (as NIPAM Officer) conducted the Program. Above 250 participants (including Student, Faculty and Staff) from 40 different institutes of India participated in the Program. Dr. Rupak Bhattacharjee (Head Mathematics & IQAC coordinator) felicitated the speakers and concluded the program with a vote of thanks. Participants were enriched with the information regarding IPR as shared by the Speakers. The Patent Office, Kolkata under Department for Promotion of Industry & Internal Trade, Ministry of Commerce & Industry also delivered an appreciation certificate (File attached) to 'JIS College of Engineering', Kalyani.



Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE OF APPRECIATION

Presented to

JIS COLLEGE OF ENGINEERING

*In recognition of active participation in the **National Intellectual Property Awareness Mission (NIPAM)** launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on **February 02, 2022** in association with **Intellectual Property Office, Kolkata** by providing your valuable time and support is highly appreciated.*

Solicit your continued support for outreach of IPR far and wide.



Date: February 07,
2022


(RAJENDRA RATNOO, IAS)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

Glimpse of the Event

This screenshot shows a Cisco Webex Meeting interface. The top bar includes 'Cisco Webex Meetings', 'Meeting Info', and 'Hide Menu Bar'. The main content area displays a presentation slide titled 'NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION (NIPAM) Presentation for Level-C'. The slide is presented by 'Abhishek Sachan, Examiner of Patents and Designs, IPO, Kolkata'. The interface shows a participant list at the top with names like Biswarup Neogi, Dr. Partha Sarkar, and others. A 'Layout' button is visible on the right. The bottom bar contains controls for 'Mute', 'Stop video', 'Share', and other meeting functions.

Viewing IPO KOLKATA's scre...

NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION (NIPAM)

Presentation for Level-C

Presented by-
Abhishek Sachan
Examiner of Patents and Designs
IPO, Kolkata

This screenshot shows a Cisco Webex Meeting interface. The top bar includes 'Cisco Webex Meetings', 'Meeting Info', and 'Hide Menu Bar'. The main content area displays a presentation slide titled 'TRADE MARKS'. The slide contains two sections: 'Concept' and 'Function/ Importance'. The 'Concept' section defines a trade mark as any word, name, symbol or device (or any combination thereof) that identifies and distinguishes the source of the goods or services of one trader from those of others. The 'Function/ Importance' section lists several points: Provides exclusive monopoly over a class of goods or services, Allows a business entity to build public goodwill and brand reputation, Identifies the source / origin of goods or services, and Assures customers about quality of goods or services. The interface shows a participant list at the top with names like 02621-21 PAVAN KUMAR, Geeta R. Bharamagoudar, and 25562093257. A 'Layout' button is visible on the right. The bottom bar contains controls for 'Unmute', 'Start video', 'Share', and other meeting functions.

Viewing IPO KOLKATA's scre...

TRADE MARKS

- **Concept:**
 - A trade mark is any word, name, symbol or device (or any combination thereof)
 - Identifies and distinguishes the source of the goods or services of one trader from those of others.
- **Function/ Importance:**
 - Provides exclusive monopoly over a class of goods or services.
 - Allows a business entity to build public goodwill and brand reputation.
 - Identifies the source / origin of goods or services
 - Assures customers about quality of goods or services

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

‘Strategic Elements for Start-up: To Kick Start your Entrepreneurial Journey’

Name of the Event: Strategic Elements for Start-up: To Kick Start your Entrepreneurial Journey

Date: 26th February, 2022

Organized by: - Dept. of BME in association with IQAC, JISCE.

Venue: Online Platform

Objective: The aim of this event was to share various ideas related to start-up and entrepreneurship with the students

Participants: 50

Brief Report: The Department of Biomedical Engineering in association with IQAC, Institution Industry Cell and Institution’s Innovation Cell, JIS College of Engineering organized a Talk session on Entrepreneurship titled: **Strategic Elements for Start-up: To Kick Start your Entrepreneurial Journey**. The session was started at 7:00 pm in Google Meet Platform.

The resource person of the program was *Ms. Shikha Bhati, Sales and Operation Specialist, Medela Pvt. Ltd.*

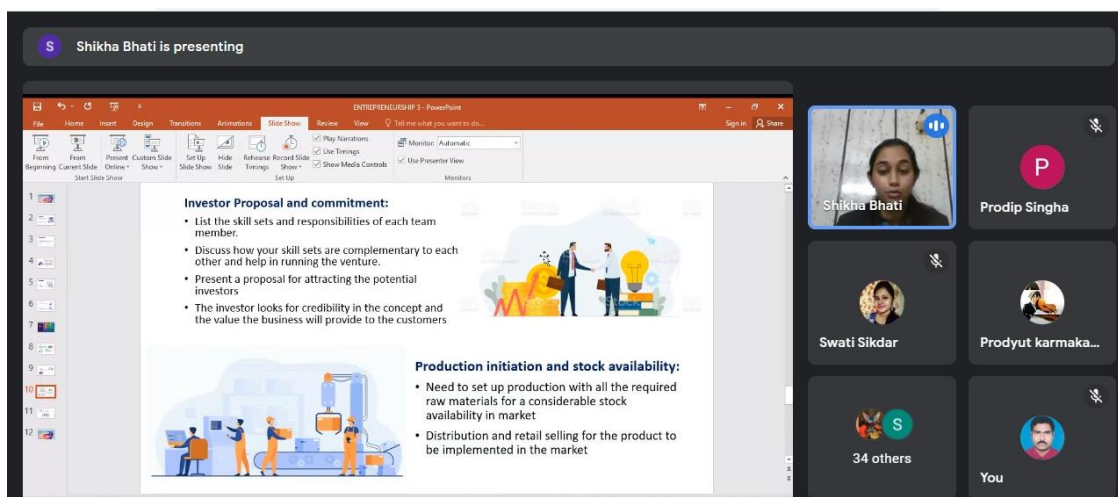
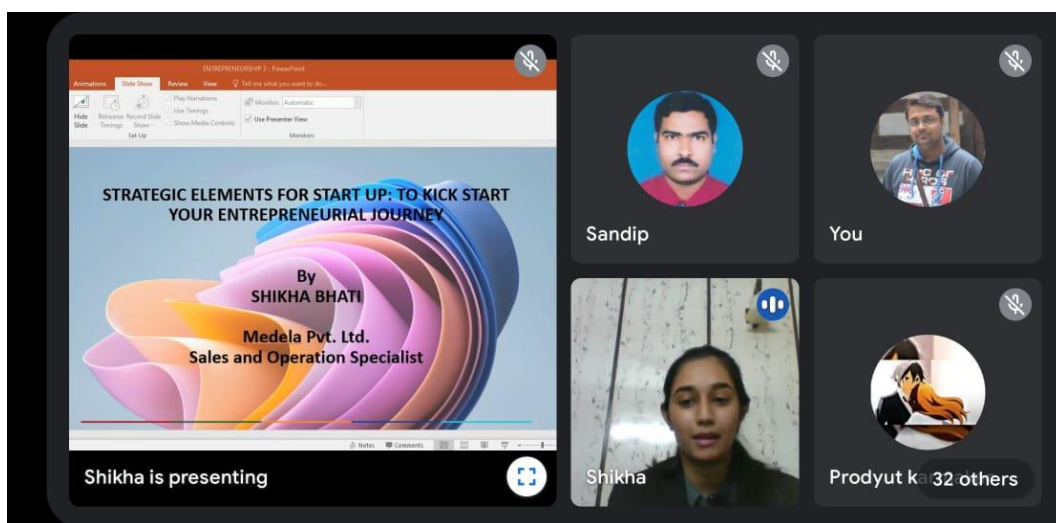
Nowadays, start-up or entrepreneurship is the topic of discussion among the young generation where the students have to develop true leadership qualities to tread the path of being an employer.

The speaker discussed the preparation and management for being a successful future entrepreneur and interacted with the participants related to their queries in the field. The

program was made successful by the active participation of around 50 students throughout the institution.

In a concluding note, the program provided an insight into the planning and management required to kick start an entrepreneurial journey.

Glimpse of the Event



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

How Can I Remember This? Tips for Improving Memory

Name of the Event: How Can I Remember This? Tips for Improving Memory

Date: 29th January, 2022

Organized by: - Dept. of Business Administration in association with IQAC, JISCE.

Venue: Online Platform

Objective: Following the outbreak of the COVID-19 pandemic, Governments all around the world hastened to respond by enforcing measures such as social-distancing, quarantine and isolation. While necessary, these measures can have a significant effect on people's mental health. Through this webinar the students as well as others can learn how to improve their memory and maintain their mental health.

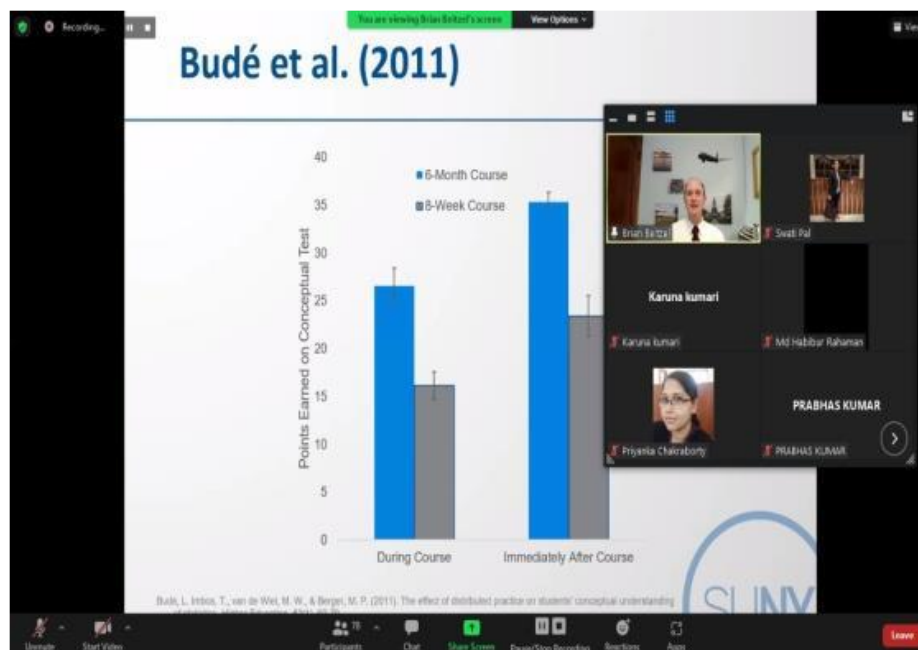
Participants: 88

Brief Report: The international webinar was conducted on 29/01/2022(Saturday) through Zoom meeting platform. It was organized by Department of Business Administration in association with IQAC, JIS College Of Engineering, Kalyani. The resource person Prof.(Dr.)Brian Beitzel , senior director of Education Accreditation and Assessment, Professor of Educational Psychology at Suny Oneonta, New York, US delivered his valuable insights on the topic 'How can I Remember this? Tips for improving memory.' The webinar started from 8PM(India)/9:30AM (US) with the students, faculties of JIS College Of Engineering from different streams. The speaker was felicitated with e-memento by the Head of the Department of Business Administration Prof.(Dr.) Swati Paul. The wonderful session was ended through an interesting interaction phase with the resource person and the participants and vote of thanks.

Glimpse of the Event



WEBINAR ON
How Can I Remember This?
Tips for Improving Memory
29th January 2022
8:00 PM (India) & 9:30 AM (USA)
Organized by
Department of Business Administration
In association with IQAC
JIS College of Engineering
Speaker
Prof. Brian Beitzel
Senior Director of Education Accreditation
and Assessment & Professor of
Educational Psychology
www.jiscollege.ac.in 9330906162 / 8697743363 www.jisgroup.org



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

Professional Development Program on

'Attainment of Course and Program Outcomes'

Name of the Event : 'Attainment of Course and Program Outcomes'

Date: 24th Jan, 2022- 4th Feb, 2022

Organized by :- IQAC, JISCE.

Objective: The aim of this event was to make aware about the CO-PO reframing (if required) and attainment calculation to all the faculty members.

Participants: 74

Phase-I (24th Jan, 2022 - 28th Jan, 2022)			Phase-II (31st Jan, 2022 – 4th Feb, 2022)	
Sl.	Faculty Name	Department	Faculty Name	Department
1	Suparna Dasgupta	IT	Debashis Sanki	IT
2	Annwasha Banerjee	IT	Prolay Ghosh	IT
3	Tanusree Saha	IT	Dr.Sumit Das	IT
4	Rupashri Barik	IT	Dr.Durbadal Chattoraj	IT
5	Dr. Sandip Bag	BME	Aniruddha Biswas	IT
6	Dr. Uddipta Ghosh	CE	Soumyabrata Saha	IT
7	Mr. Sumit Bose	CE	Swati Sikdar	BME
8	Debasish Majumder	BSHU (MATH)	Dr. Dibyendu Mandal	BME
9	Shyam Sundar Santra	BSHU (MATH)	Dr. Debasish Das	CE
10	Dr. Sandip Ghosh,	ME	Mr. Debargha Banerjee	CE
11	Dr. P K Bardhan,	ME	Apurba Ghosh	BSHU (MATH)
12	Mr. Palash Biswas	ME	Rupak Bhattacharjee	BSHU (MATH)
13	Mr.Munshi Rasidul Islam	ME	Mr. Anirban Sarkar	ME
14	Dharmpal Singh	CSE	Mr. Shishir K Biswas	ME
15	Sudipta Sahana	CSE	Mr. Dhiraj Mondal	ME
16	Ira Nath	CSE	Apurba Paul	CSE
17	Pranati Rakshit	CSE	Amit Majumdar	CSE
18	Debasree Mitra	CSE	Sumanta Chatterjee	CSE
19	Dr. Sabyasachi Sen	BSHU(PHYS)	Bikramjit Sarkar	CSE

20	Dr. Swagata Bhattacharjee	BSHU(PHYS)	Jhilam Mukherjee	CSE
21	Mr. Tanmoy Dutta	BSHU(CHEM)	Dr. Subhamoy Sinha Roy	BSHU(PHYS)
22	Dr. Trina Dutta	BSHU(CHEM)	Ms. Rinki Bhowmik	BSHU(PHYS)
23	Mr. Soumen Kumar Saha	BSHU(HU)	Mr. Jit Chakraborty	BSHU(CHEM)
24	Ms. Priyanka Chakraborty	BSHU(HU)	Ms. Ananya Barman	BSHU(CHEM)
25	Ms. Anindita Naha	BSHU(HU)	Ms. Adrija Guha	BSHU(HU)
26	Ms. Asima Biswas	BSHU(HU)	Ms. Poulami Gupta	BSHU(HU)
27	Dr. Papun Biswas	EE	Ms. Ipsita Chakraborty	BSHU(HU)
28	Mr. Basudeb Dey	EE	Mrs. Suparna Pal	EE
29	Mr. Partha Das	EE	Mrs. Debodityuti Upadhaya	EE
30	Mr. Milan Sasmal	EE	Mr. Indranil Kushary	EE
31	Dr. Bidhan Malakar	EE	Mrs. Gargi Roy	EE
32	Dr. Swati Pal	MBA	Mr. Biswamoy Pal	EE
33	Mr. Uttiya Kar	MBA	Dr. Biswarup Neogi	ECE
34	Mr. Avik Sanyal	MBA	Ranjana Ray	ECE
35	Dr. Indranath Sarkar	ECE	Anirban Patra	ECE
36	Moumita Pal	ECE	Dr. Arindam Banerjee	ECE
37	Madhura Chakraborty	ECE	Anirban Ghosal	ECE

Program Schedule:

Professional Development Program			
On			
“Attainment of Course and Program Outcomes”			
Venue - Room No. 218			
Mode of Conduction: Offline			
Program Schedule			
Phase-I			
Date	Time	Topic	Speaker
24-01-2022	14.00-14.30	Inaugural	Principal, Dean R&D, Dean Innovative Learning
24-01-2022	14.30-15.30	Role of Vision & Mission, PEO, in Curriculum Design	Dr. Debasish Das
24-01-2022	15.30-16.30	Role of PO & PSO in Curriculum Design, Hands on review of PSO	Mrs. Annawesha Banerjee
25-01-2022	14.00-17.00	Hands on Framing of Course Outcomes	Mr. Partha Ray, Dr. Debasish Majumder
26-01-2022	14.00-17.00	Hands on Preparation of Course & Program Articulation Matrix	Dr. Amit Majumder, Dr. Anindya Guha
27-01-2022	14.00-15.30	Hands on Setting of Question Paper for Assessment of OBE	Dr. Moumita Pal
27-01-2022	15.30-17.00	Course File Development	Dr. Sandip Bag
28-01-2022	14.00-17.00	Hands on CO-PO-PSO Attainment Calculation and preparation of Attainment Report	Dr. Sandip Ghosh, Mr. Partha Ray Co-ordination – Entire Team
Phase-II			
Date	Time	Topic	Speaker
31-01-2022	14.00-14.30	Inaugural	Principal, Dean R&D, Dean Innovative Learning
31-01-2022	14.30-15.30	Role of Vision & Mission, PEO in Curriculum Design	Dr. Debasish Das
31-01-2022	15.30-16.30	Role of PO & PSO in Curriculum Design, Hands on review of PSO	Mrs. Annawesha Banerjee
01-02-2022	14.00-17.00	Hands on Framing of Course Outcomes	Mr. Partha Ray, Dr. Debasish Majumder
02-02-2022	14.00-17.00	Hands on Preparation of Course & Program Articulation Matrix	Dr. Amit Majumder, Dr. Anindya Guha
03-02-2022	14.00-15.30	Hands on Setting of Question Paper for Assessment of OBE	Dr. Moumita Pal
03-02-2022	15.30-17.00	Course File Development	Dr. Sandip Bag
04-02-2022	14.00-17.00	Hands on CO-PO-PSO Attainment Calculation and preparation of Attainment Report	Dr. Sandip Ghosh, Mr. Partha Ray Co-ordination – Entire Team

Brief Report:

Internal Quality Assurance Cell (IQAC), JIS College of Engineering, Kalyani has organized a 5 Days Professional Development Program on 'Attainment of Course and Program Outcomes' in offline mode. The Program was conducted in Phase-I (24th Jan, 2022 - 28th Jan, 2022) and Phase-II (31st Jan, 2022 – 4th Feb, 2022). Dr. Sandip Ghosh (HOD, ME Dept.) & Dr. Moumita Paul (Assistant Professor, ECE Dept.) coordinated the program. Program was Inaugurated by Prof. (Dr.) Partha Sarkar, Principal, JISCE and welcome address delivered by Dr. Sabyasachi Sen (Dean R & D) and Dr. Papun Biswas (Dean Innovative Learning). Different sessions were conducted by different speakers of JISCE (Dr. Debasis Das, Mrs. Annewesha Banerjee, Dr. Sandip Ghosh, Mr. Partha Ray, Dr. Debasish Majumder, Dr. Amit Majumder, Dr. Anindya Guha, Dr. Moumita Pal, Dr. Sandip Bag)

Topics discussed

- Role of Vision & Mission, PEO in Curriculum Design
- Role of PO & PSO in Curriculum Design, Hands on review of PSO
- Hands on Framing of Course Outcomes
- Hands on Preparation of Course & Program Articulation Matrix
- Hands on Setting of Question Paper for Assessment of OBE
- Course File Development
- Hands on CO-PO-PSO Attainment Calculation and preparation of Attainment Report

It was indeed a very interactive and very effective session.

Glimpse of the Event



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

‘CO-PO Mapping in View of Examination Reforms’

Name of the Event : CO-PO Attainment calculation

Date: 29th and 30th November 2021

Organized by :- IQAC, JISCE.

Objective: The aim of this event was to make aware about the CO-PO Attainment calculation to all the faculty members.

Participants: 74

Day-1			Day-2	
Sl.	Faculty Name	Department	Faculty Name	Department
1	Suparna Dasgupta	IT	Debashis Sanki	IT
2	Annwasha Banerjee	IT	Prolay Ghosh	IT
3	Tanusree Saha	IT	Dr.Sumit Das	IT
4	Rupashri Barik	IT	Dr.Durbadal Chattoraj	IT
5	Dr. Sandip Bag	BME	Aniruddha Biswas	IT
6	Dr. Uddipta Ghosh	CE	Soumyabrata Saha	IT
7	Mr. Sumit Bose	CE	Swati Sikdar	BME
8	Debasish Majumder	BSHU (MATH)	Dr. Dibyendu Mandal	BME
9	Shyam Sundar Santra	BSHU (MATH)	Dr. Debasish Das	CE
10	Dr. Sandip Ghosh,	ME	Mr. Debargha Banerjee	CE
11	Dr. P K Bardhan,	ME	Apurba Ghosh	BSHU (MATH)
12	Mr. Palash Biswas	ME	Rupak Bhattacharjee	BSHU (MATH)
13	Mr.Munshi Rasidul Islam	ME	Mr. Anirban Sarkar	ME
14	Dharmpal Singh	CSE	Mr. Shishir K Biswas	ME
15	Sudipta Sahana	CSE	Mr. Dhiraj Mondal	ME
16	Ira Nath	CSE	Apurba Paul	CSE
17	Pranati Rakshit	CSE	Amit Majumdar	CSE
18	Debasree Mitra	CSE	Sumanta Chatterjee	CSE
19	Dr. Sabyasachi Sen	BSHU(PHYS)	Bikramjit Sarkar	CSE
20	Dr. Swagata Bhattacharjee	BSHU(PHYS)	Jhila Mukherjee	CSE
21	Mr. Tanmoy Dutta	BSHU(CHEM)	Dr. Subhamoy Sinha Roy	BSHU(PHYS)
22	Dr. Trina Dutta	BSHU(CHEM)	Ms. Rinki Bhowmik	BSHU(PHYS)
23	Mr. Soumen Kumar Saha	BSHU(HU)	Mr. Jit Chakraborty	BSHU(CHEM)
24	Ms. Priyanka Chakraborty	BSHU(HU)	Ms. Ananya Barman	BSHU(CHEM)
25	Ms. Anindita Naha	BSHU(HU)	Ms. Adrija Guha	BSHU(HU)
26	Ms. Asima Biswas	BSHU(HU)	Ms. Poulami Gupta	BSHU(HU)
27	Dr. Papun Biswas	EE	Ms. Ipsita Chakraborty	BSHU(HU)

28	Mr. Basudeb Dey	EE	Mrs. Suparna Pal	EE
29	Mr. Partha Das	EE	Mrs. Debodutyi Upadhaya	EE
30	Mr. Milan Sasmal	EE	Mr. Indranil Kushary	EE
31	Dr. Bidhan Malakar	EE	Mrs. Gargi Roy	EE
32	Dr. Swati Pal	MBA	Mr. Biswamoy Pal	EE
33	Mr. Uttiya Kar	MBA	Dr. Biswarup Neogi	ECE
34	Mr. Avik Sanyal	MBA	Ranjana Ray	ECE
35	Dr. Indranath Sarkar	ECE	Anirban Patra	ECE
36	Moumita Pal	ECE	Dr. Arindam Banerjee	ECE
37	Madhura Chakraborty	ECE	Anirban Ghosal	ECE

Brief Report

The program was inaugurated by Dr. Sabyasachi Sen, Dean R&D JISCE. Mr. Partha Ray, OIC, JISCE delivered a lecture on CO-PO attainment. All the participants participated in the CO-PO attainment in their corresponding Paper. The event was concluded with Vote of Thanks.

Glimpse of the Event



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on CO-PO Mapping in View of Examination Reforms

Name of the Event : CO-PO Mapping in View of Examination Reforms

Date: 10.11.2021

Organized by :- IQAC, JISCE.

Venue: Room No. 403 (Main Building)- JISCE

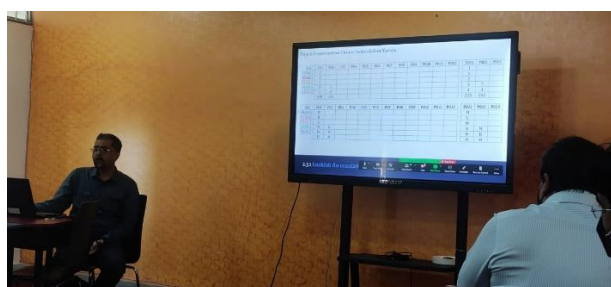
Objective: The aim of this event was to make aware about the CO-PO Mapping in View of Examination Reforms.

Participants: 70

Brief Report:

The program was inaugurated by Dr. Sabyasachi Sen, Dean R&D JISCE. Mr. Partha Ray, OIC, JISCE delivered a lecture on CO-PO Mapping in View of Examination Reforms. All the participants participated in the C-PO Mapping process in their corresponding Paper. The event was concluded with Vote of Thanks.

Glimpse of the Event





Internal Quality Assurance Cell (IQAC)
JIS College of Engineering, Kalyani



Event Report
2020-2021

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Faculty & Staff training program on Continuous Evaluation Process

Name of the Event: Faculty & Staff training program on Continuous Evaluation Process

Date: 01/07/2020 to 03/07/2020

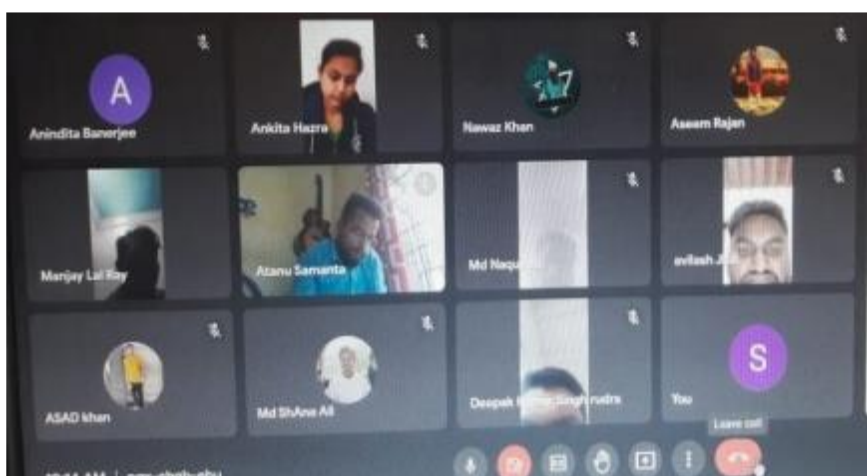
Venue: Online Platform

Organized by :- IQAC, JISCE.

No of Participants: 35

Brief Report:

Faculty & Staff training program on Continuous Evaluation Process was organized by the IQAC, JIS College of Engineering, Kalyani, Nadia from 01/07/2020 to 03/07/2020. 35 participants were present in this programme. The session was very interesting to all the participants. The programme ended with vote of thanks.



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Assessment on MYPERFECTICE ; Phase-I

Name of the Event : Assessment on MYPERFECTICE ; Phase-I

Date: 09.07.2020-11.07.2020

Venue: Online Platform

Organized by :- Department of Mechanical Engineering and Examination Cell in association with IQAC, JISCE.

No of Participants: 45

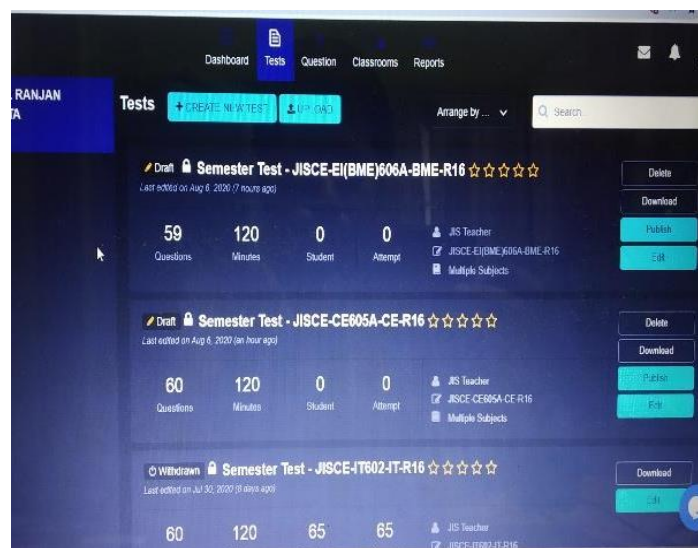
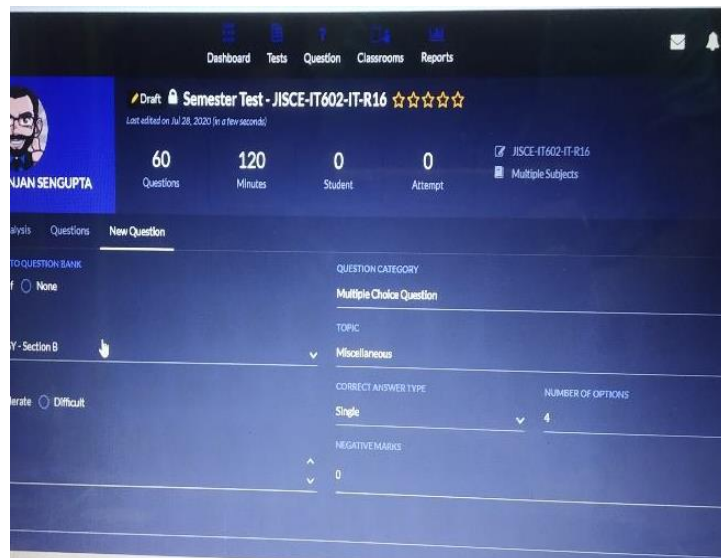


09/07/2020 to 11/07/2020

Online mode

Brief Report: Department of Mechanical Engineering and Examination cell in association with JISCE Kalyani organized a training program on Myperfectice portal from 09/07/2020 to 11/07/2020 in online mode via google meet platform. Ms. Aditi Bardhan, Accounts Operations Associate of Perfectice Eduventure Private Limited was the resource person of this program. She discussed different steps to upload question papers by the faculties on this platform. Uploading of mcq questions, use of different notations, diagrams, writing of equations etc. were discussed in detail. It was a very interactive session with all the faculties present. Overall it was a fruitful session to all the participants. Total number of faculty participants was 45 in this session.

Glimpses of the Programme



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Training Program On JIS group LMS

Name of the Event : Training Program On JIS group LMS

Date: 12.10.2020

Venue: Online Platform

Organized by :- IQAC, JISCE.

No of Participants: 75

Brief Report: Learning management system (LMS) is a software application or web-based technology used to plan, implement and assess a specific learning process. It is used for e-learning practices and, in its most common form, consists of two elements: a server that performs the base functionality and a user interface that is operated by instructors, students and administrators.

Typically, a learning management system provides an instructor with away to create and deliver content, monitor student participation and assess student performance. A learning management system may also provide students with the ability to use interactive features such as threaded discussions, videoconferencing and discussion forums. LMS is beneficial to a wide range of organizations, including higher education institutions and corporations. the primary use of a learning management system is for knowledge management (KM). KM refers to the gathering, organizing, sharing and analysis of an organization's knowledge in terms of resources, documents and people's kills. However, the specific role of the LMS will vary according to the organization's training strategy and goals.



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Digital Energy Network

IoT Applications in Smart Grid Systems

Name of the Event : Digital Energy Network; IoT Applications in Smart Grid Systems

Date: 8th February,2021 to 13th February,2021

Venue: Online Platform

Organized by :- Department of Electrical Engineering in association with IQAC, JISCE.

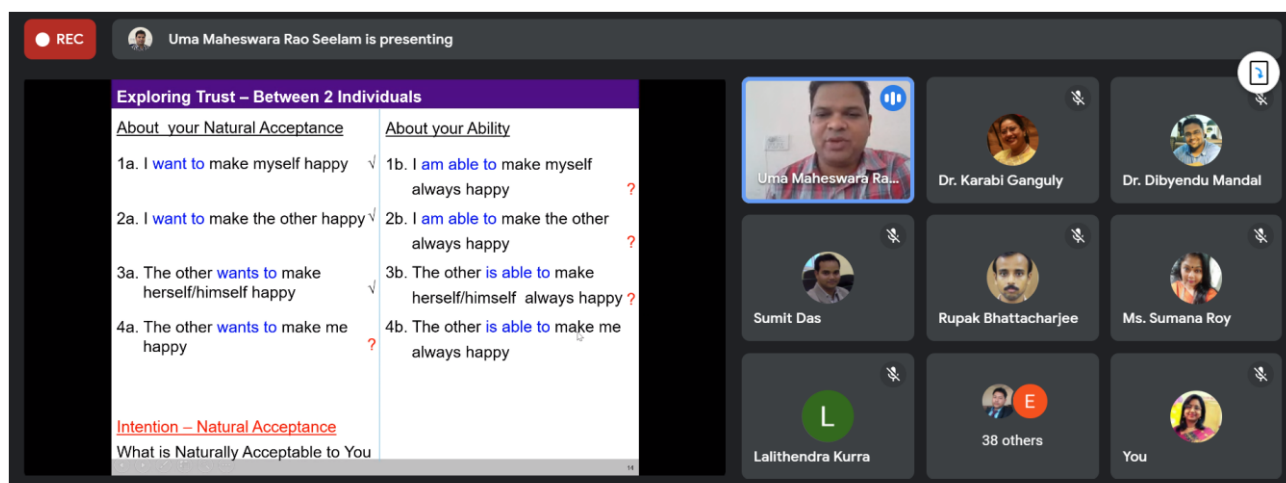
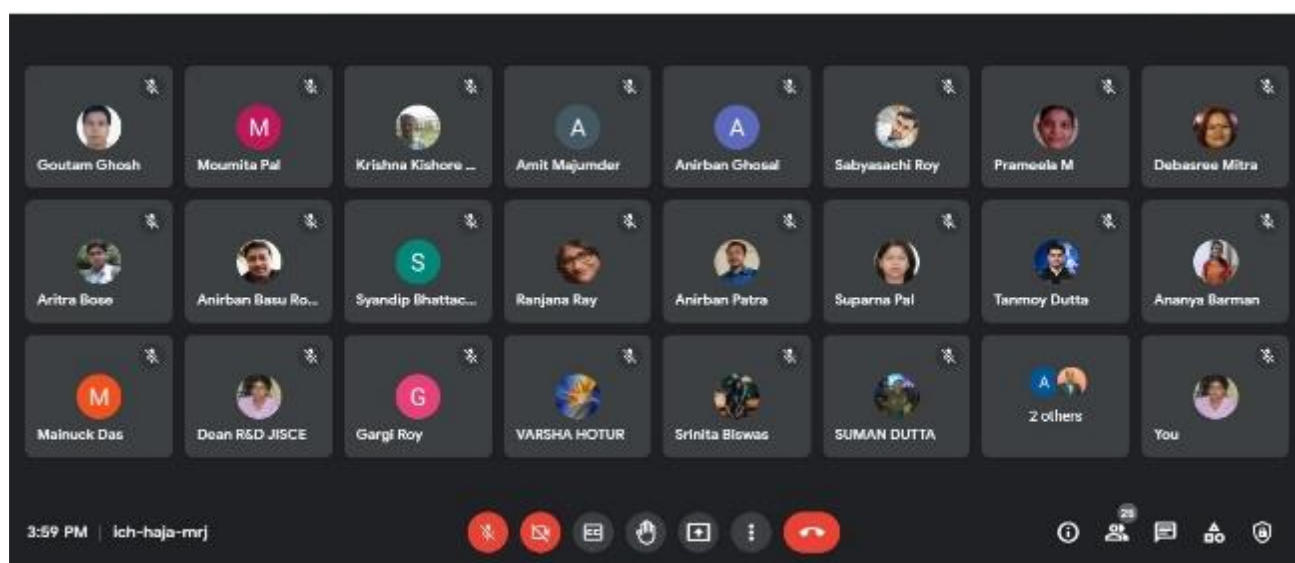
No of Participants: 70

Brief Report: Department of Electrical Engineering of JIS College of Engineering organized one week Online Short-Term Training Program (STTP) on Digital Energy Network: Applications in Smart Grid Systems (Phase-I) from 8th February,2021 to 13th February,2021 through Google meet virtual platform. This STTP aims to discuss the recent trends and challenges in power market, the concept of smart grid and its advantages over conventional grid. This training program provides the knowledge to the participants on smart grid technologies and developments. It also imparts the information about IoT applications in smart grid system throughout the world. National Education Policy 2020 is another important topic of the STTP. Dr. Partha Sarkar, principal of JIS College of Engineering and Dr. Sila Singh Ghosh, VP-CR, JIS Group inaugurated the program with the welcome note. and Dr. Papun Biswas, HOD of EE department and Dean of Innovative Learning of JISCE briefly stated about the objectives of the STTP. Many prominent technical experts from India were present as Guest speaker in this STTP. The resource persons are ***Prof. D P Kothari – Former Director IIT, Delhi, Dr. Adarsha Kumar Pandey – Professor, Sunway University, Malaysia, Prof. Debapriya Das – Professor, IIT, Kharagpur, Prof. Prabodh Bajpai – Professor, IIT, Kharagpur, Prof. Ajoy Kumar Ray, Former Director IEST, Shibpur, Dr. Shweta Tripathi***

– *Professor,IGNOU, Dr. Ramesh Chandra Panda – Dean,Synergy Institute of Technology, Odisha, Dr. Sandip Chanda – Professor,Gani Khan Choudhury Institute Of Engineering, WB, Mr. Sayantan Ghosh -Senior Manager,Siemens Ltd., Dr. Arindam Biswas – Professor , Kazi Nazrul University, WB, Dr. Soumitra Mukhopadhyay- Manager,Doosan Power Systems India, Dr. Swapnil Roy- Professor,K K University, Nalanda, Mr. Subarna Kanti Das- Manager,ITC Ltd., Dr. K V Sambasiva Rao – Dean, NRI institute of technology, AP.*

62 participants enrolled for the program in which 52 participants have been attended this one week STTP program (phase-II) During the valedictory session few participants give their feedback on the program. The coordinator conveyed his thanks to all the participants for their active participation in the STTP. The coordinator expressed his gratitude towards AICTE for sanctioning this event to EE department of JISCE. Followed by valedictory function, an online test conducted for the assessment of participants learning skills.

Glimpse of Events



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Workshop on Python Programming

Name of the Event : Workshop on Python Programming

Date: 25.03.2021 – 27.03.2021

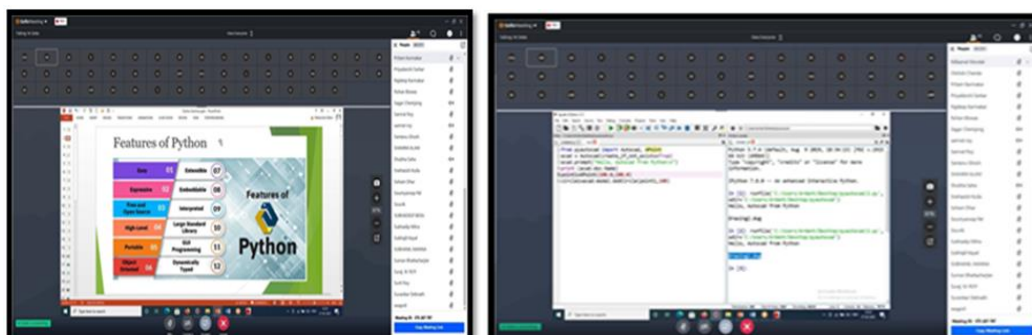
Venue: Online Platform

Organized by: - Department of Mechanical Engineering in association with IQAC, JISCE.

No of Participants: 65

Brief Report: Department of Mechanical Engineering, JISCE Kalyani organized a Workshop on Python Programming for Mechanical Engineers from 25/03/2021 to 27/03/2021 in online mode via google meet platform. Senior Faculties from Team Ardent were the honourable speakers of this program. They have started the session by introducing the Python working platform. Different features of Python were described in detail by flowcharts and then some sample programming was shown by the experts to give a basic idea to the participants regarding the Python platform. At the end of the session, they interacted with the participants to answer their queries. Overall it was a fruitful session to all the participants. Total number of faculty participants was 65 in this session.

Glimpses of the Programme



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Assessment on MYPERFECTICE ; Phase-II

Name of the Event : Assessment on MYPERFECTICE ; Phase-II

Date: 20.05.2021-22.05.2021

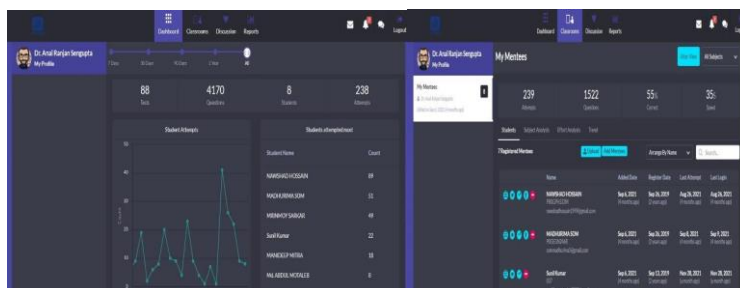
Venue: Online Platform

Organized by :- Department of Mechanical Engineering and Examination Cell in association with IQAC, JISCE.

No of Participants: 45

Brief Report: Department of Mechanical Engineering and Examination cell, JISCE Kalyani organized a training program on Myperfectice portal from 20/05/2021 to 22/05/2021 in online mode via google meet platform. Ms. Aditi Bardhan, Accounts Operations Associate of Perfectice Eduventure Private Limited was the resource person of this program. She discussed some advanced settings of this portal through which mentors can track their mentees performance for different tests conducted. Registration of students in this portal, different issues which they may face in future, all such were discussed in detail. It was a very interactive session with all the faculties present. Overall it was a fruitful session to all the participants. Total number of faculty participants was 12 in this session.

Glimpses of the Programme



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on AICTE sponsored short-term training programme on Catch young minds early-teachers training on orientation programme for new entrants

Name of the Event: Catch young minds early-teachers training on orientation programme for new entrants

Date: Phase-I: 7th June – 12th June, 2021

Phase-II: 14th June 19th June, 2021

Phase- III: 21st June-26th June, 2021

Venue: Online Platform

Organized by: - Department of Physics-Chemistry-Mathematics-Humanities in association with IQAC, JISCE.

Participants: 100 + 64 +75

List of Speakers



Program Schedule



AICTE Sponsored STTP on Catch young minds early-teachers training on orientation programme for new entrants

Day-1

10:00-12:00 Virtual Platform **SESSION - 1**

10:00 -10:05

Welcome Word

PROF. PARTHA SARKAR -PRINCIPAL,
JIS College of Engineering, India

10:05 -10:10

A Brief about the STTP

DR. SILA SINGH GHOSH -REGISTRAR
JIS College of Engineering, India

10:10-10:15

Importance of STTP

DR. SABYASACHI SEN -DEAN R&D,
JIS College of Engineering, India

10:15 -10:20

Importance of STTP Prog. of STTP

DR. PAPUN BISWAS -PROGRAM COORDINATOR,
JIS College of Engineering, India

10:30 -11:30

Topic I: Inaugural speech

Speaker I: Swami Tattwasarananda Ji

<https://meet.google.com/ich-haja-mrj>

Anchor: Jit Chakraborty, Rinki Bhowmick

11:30-13:00

Topic: Human Values as a base for SIP, Basic aspirations of Human beings

Dr. Hari kumar Voruganti

National Institute of Technology

<https://meet.google.com/ich-haja-mrj>

Anchor: Moumita Paul, Rinki Bhowmick

Lunch Break

14:30-16:00 Virtual Platform

SESSION - 2

Topic: Holistic Development and The Role of Education

Speaker 2: Dr. Dilip Debnath

Anchor: Tanmoy Dutta

Meeting Link:

<https://meet.google.com/ich-haja-mrj>



Day-2

Virtual Platform SESSION - 3

10:30 -12:00

Topic: Understanding human being

Speaker 3: Dr. Uma Maheswara Rao Seelam, National Institute of Technology

Meeting Link:

<https://meet.google.com/ich-haja-mrj>

Anchor: Tanmoy Dutta & Srinita Biswas

Lunch Break

13:30-14:30 Virtual Platform SESSION -4

Topic: Understanding Relationships -1

Speaker 4: Dr. Uma Maheswara Rao Seelam, National Institute of Technology

Anchor: Jit Chakraborty & Tanima Das

Meeting Link:

<https://meet.google.com/ich-haja-mrj>

Day-3

Virtual Platform SESSION - 5

10:45-12:00

Topic: Understanding Relationships -2

Speaker 5: Dr. Hemant Kumar Meena, MNIT Jaipur

Meeting Link:

<https://meet.google.com/ich-haja-mrj>

Anchor: Tanmoy Dutta & Moumita Paul

Lunch Break

13:30 -14:30

SESSION - 6

Topic: Understanding Society and Nature

Speaker 6: Dr. Hemant Kumar Meena, MNIT Jaipur

Meeting Link:

<https://meet.google.com/ich-haja-mrj>

Anchor: Jit Chakraborty & Tanima Das



Day-4

Virtual Platform

SESSION - 7

10:30 -12:00

Topic

Speaker 7 **Mr. Sandeep Chatterjee**, Intl. Faculty, The Art of Living

Meeting Link:

<https://meet.google.com/ich-haja-mrj>

Anchor: Tanmoy Dutta & Sinita Biswas

Lunch Break

SESSION - 8

1:30-2:30

Topic

Speaker: **Swami Vedatitananda ji** (on 24th June only)

14:30 -16:00

Topic

Speaker 8 **Dr. Dilip Debnath**

Meeting Link:

<https://meet.google.com/ich-haja-mrj>

Anchor: Swagata Bhattacharya & Sinita Biswas

Day-5

SESSION - 9

10:30 -12:00

Topic

Speaker 9 **Dr Minu Mehta**, Professor, Head Academics
IESMCRC, Mumbai

Meeting Link:

<https://meet.google.com/ich-haja-mrj>

Anchor: Tanmoy Dutta & Sinita Biswas



Lunch Break

Day-6

13:30 –15:00

Topic

Speaker 10: From Art of Living Priya Kantam

Meeting Link:

<https://meet.google.com/ich-haja-mrj>

SESSION - 11

15:00 –15:30

Speaker 11 : Examination

Anchor: Swagata Bhattacharya & Moumita Paul

Meeting Link:

<https://meet.google.com/ich-haja-mrj>

Day-7

SESSION - 12

11:00 –12:30

Topic

Speaker 12 : Prof. Chandrasekhar Yammani

Meeting Link:

<https://meet.google.com/ich-haja-mrj>

Anchor: Tanmoy Dutta & Srinita Biswas

Lunch Break

SESSION - 13

14:00 –15:30

Topic

Speaker 13 : Prof. Chandrasekhar Yammani

Meeting Link:

<https://meet.google.com/ich-haja-mrj>

15:30 –16:30

Topic

Speaker 14: Session on NEP by Prof. Ajoy Kr. Roy

Meeting Link:

<https://meet.google.com/ich-haja-mrj>

Anchor: Jit Chakraborty & Tanima Das

16:30 –16:40

Valedictory Session

Vote of Thanks

DR. SILA SINGH GHOSH –REGISTRAR

JIS College of Engineering, India

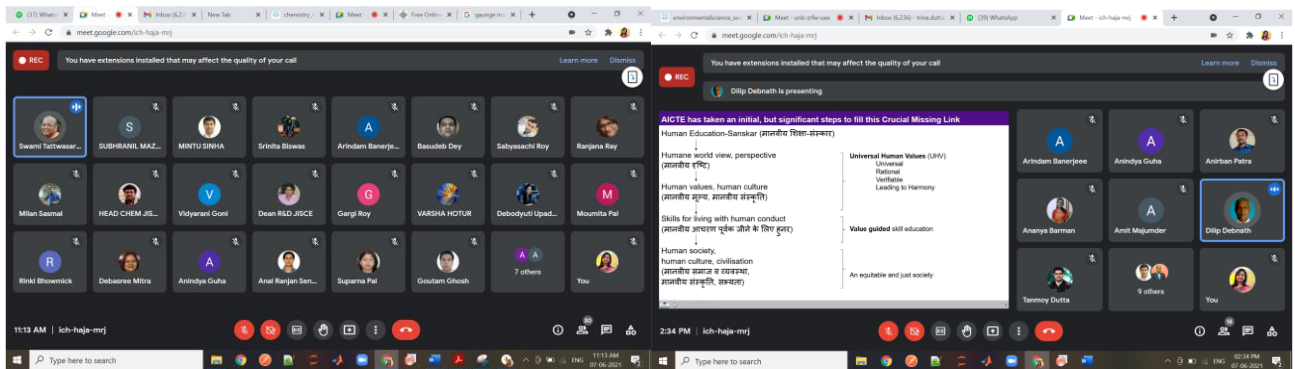
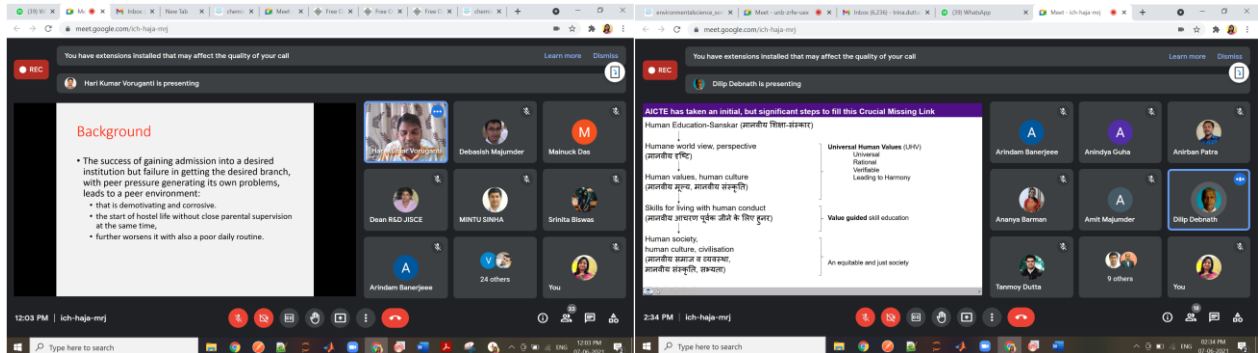
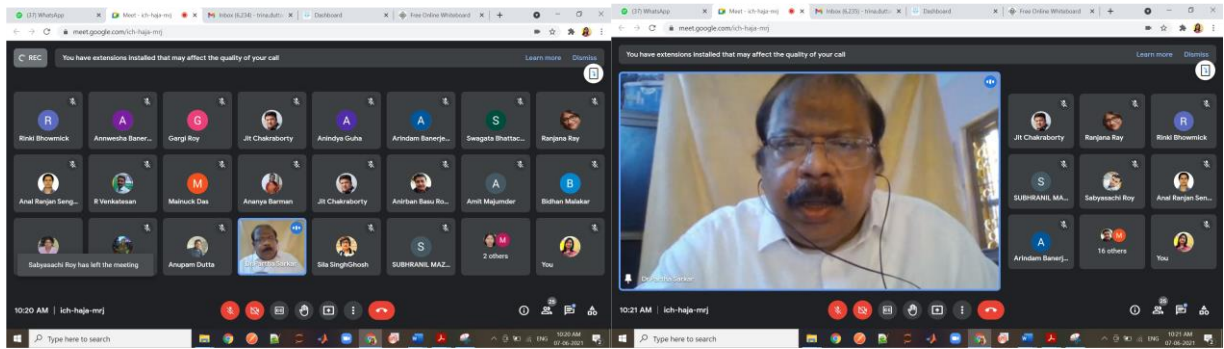
Anchor: Jit Chakraborty & Tanima Das

Brief Report: A mandatory induction program for students was adopted AICTE. Student Induction Program was prepared to provide the mentoring capabilities of the faculty member of technical institutions. The universal human value (UHV) is the core components of the student induction program. There is a need to conduct faculty trainings / development programs in order to provide/enhance the mentoring capabilities of the faculty members of technical institutions across the country. AICTE in its 49th meeting of the Council held on 14th March, 2017 approved a package of measures for improving quality of technical education in the country wherein it was decided that every student, on admission, shall be put through a mandatory Induction program to reinforce the fundamental concepts and the required language skills required for the technical education.

Topics of the programme:

- ☐ Genesis, Overview, Implementation, Challenges of Student Induction Program
- ☐ Human Values as base for SIP.
- ☐ Basic aspirations of Human Being.
- ☐ Understanding Human Being
- ☐ Understanding Relationships
- ☐ Understanding Society and Nature

Glimpse of the Programme



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Smart Materials & Systems for Sustainable Development

Name of the Event: Smart Materials & Systems for Sustainable Development

Date: 28/06/2021 to 03/07/2021

Venue: Online Platform

Organized by :- Department of Mechanical Engineering and Examination Cell in association with IQAC, JISCE.



Brief Report: Department of Mechanical Engineering, in association with IQAC, JIS College of Engineering has organized a One Week Faculty Development Program on "Smart Materials & Systems for Sustainable Development" in the virtual platform from 28th June to 3rd July 2021. Nearly 55 faculties, staff and research scholars successfully completed the FDP out of 75 registrations. The program started with a welcome address by respected Principal sir Dr. Partha Sarkar. After that Dr. Sandip Ghosh, HOD, ME Dept., explained the overall theme of the FDP. This was followed by a speech by Dr. P. K Bardhan, Dean of Student Affairs, regarding the importance of the FDP.

In the opening session, Dr. Prosenjit Das spoke about 'Materials and Process Innovations Towards Product Development'. The next was taken by Prof. Dr. Prasanta Sahoo from JU, who showed the developments in Tribology towards sustainable development. The third session was beautifully explained by Dr. M K Manik on 'Light Alloy composites for smart Applications'. The fourth session was based on a very interesting topic 'Smart Nanomaterials' covered by Dr. Sabyasachi Sen. Dr. Achintya Sarkar explained 'Role of fuel-air ratio for blended oxygenated pilot fuels' in the fifth session. Dr. S. Samanta well explained 'Performance improvement of Thermal Power Plants' in the sixth session. Dr. G. Choubey spoke on 'Role of scramjet in supersonic propulsion system' in the seventh session. The eighth session was covered by Dr. N I Khan in the field of 'Self-healing materials' which unfolded new domains of smart materials. Dr. B J Bora gave a clear idea on 'Standardization of biogas run diesel engine' in the ninth session. Dr. Anindya Malas in the tenth session presented a smart system based on 'Application of Self-excited Oscillation'. Dr. Saikat Ranjan Maity spoke on 'Agro Waste Fibres for Green Product Development' in the eleventh session, which was another fine addition to the theme of Sustainable Materials. The last session was taken by Dr. Atanu Das on the automotive sector based on 'Multi-material Joining of Aluminium Alloys and Steel Sheets by Advanced Gas Metal Arc Based Process'

In the valedictory session a quiz was organized which was followed by ending notes by HOD. Great interaction and feedback were received from participants. Overall, it was a wonderful experience. The session ended with a vote of thanks. Some glimpses of the FDP sessions are attached herewith.



One Week Faculty Development Programme on Smart Materials & Systems for Sustainable Development

 Organized by

Department of Mechanical Engineering

 In association with Internal Quality Assurance Cell

JIS College of Engineering

RESOURCE PERSONS



Dr. S. S. Sankar
Associate Professor, JSS Academy of Higher Education and Research, Mysore



Dr. S. S. Sankar
Associate Professor, JSS Academy of Higher Education and Research, Mysore



Dr. S. S. Sankar
Associate Professor, JSS Academy of Higher Education and Research, Mysore



Dr. S. S. Sankar
Associate Professor, JSS Academy of Higher Education and Research, Mysore



Dr. S. S. Sankar
Associate Professor, JSS Academy of Higher Education and Research, Mysore



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Dr. S. S. Sankar
Associate Professor, JSS Academy of Higher Education and Research, Mysore



Dr. S. S. Sankar
Associate Professor, JSS Academy of Higher Education and Research, Mysore

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JIS College of Engineering
 An Autonomous Institute

Applications of nanomaterials:

Nanobots:



2:58 PM | sit-shed-04b

Introduction: canola



Wood



Briquettes



Pellets



Producer Gas



Vegetable Oil



Ethanol



Butanol



Diethyl Ether

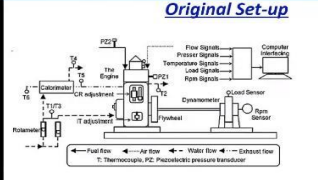


BioDiesel

Renewable Fuels from Biomass

11:15 AM | sit-shed-04b

Original Set-up



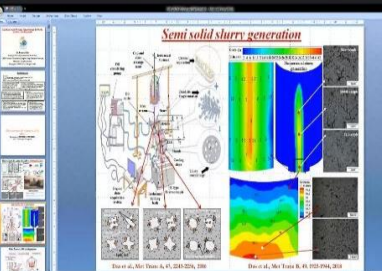
Parameter	Specifications
Engine Type	Research engine, four stroke
General details	1 Cylinder, 4 stroke, 25, VCR, water cooled direct injection
Rated output	3.5 kW at 1500 rpm
Bore and stroke	87.5 mm x 100 mm
Capacity	800cc
Compression ratio	17.5 (Range 12 - 20)
Injection timing	2.5° BTDC (Range 0° - 27° BTDC)
Dynamometer	Eddy current type, 0 - 32 kg, 300mm radius

IT adjustment assembly

CR adjustment assembly

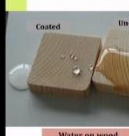
11:33 AM | sit-shed-04b

Semi solid slurry generation



11:51 AM | sit-shed-04b

Biomimetic techniques



Coated



Un-coated

Water on wood Lotus effect

4:27 PM | sit-shed-04b

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

One Week National FDP/ Awareness Program on Entrepreneurship--Innovation-- IPR--Startup

Name of the Event: One Week National FDP/ Awareness Program on Entrepreneurship--Innovation-- IPR--Startup

Date: 28/06/2021 to 03/07/2021

Venue: Online Platform

Organized by Entrepreneurship Development Cell (EDC), JISCE in association with IQAC, JISCE

Brief Report:

There are many ways to define Importance of the Awareness drives on Innovation & IPR. In the Entrepreneurship—Innovation-IPR-Startup sense, the objective of the awareness Program was to understand the gap between Startup Sector – Academic Organization and remedies to fill it. Faculties of all across the country had participated in this Awareness Program. Not only faculty but also students and staff were a part of this session. More than 150 participants had participated in this session. The session was live on YouTube and Face book.

The FDP was started with the welcome address by Prof. Partha Sarkar, Principal, JIS College of Engineering, India. Dr. Sila Singh Ghosh Registrar, JIS College of Engineering, India gave a short brief about the Importance of the Awareness drives on Innovation & IPR. Dr. Sabyasachi Sen –Dean R& D, President, IIC-JISCE, JIS College of Engineering, India gave a brief about the FDP/ Awareness Program. Dr. Papun Biswas –Dean IL also gave the short brief about Importance of the FDP/ Awareness Program. Dean of student's Affairs, Dr. P. K. Bardhan describe about Importance of the Startup and Entrepreneurship in present context. Dr. Biswarup Neogi – Convener, IIC-JISCE JIS gave brief about the IIC-JISCE

Mr. Amiya Kumar Kalidaha, Senior Scientific Officer, Department of Science & Technology and Biotechnology Govt. of West Bengal (DSTBT-GoWB), was the esteemed speaker of the evening session on 28/06/2021, who gave a detailed account of the recent industry needs post COVID situation. A highly enlightening, and interactive session was conducted which highlighted various aspects which academia should keep in mind while preparing students for the industry. This program was done by online mode. This session was conducted by Mr. Jit Chakraborty, Asst. Prof., BHSU and Mr. Tanmoy Dutta Asst. Prof., BHSU.

Kanad Chatterjee, CEO/CMO at AwsomU, Digital Marketer, Senior IT/Product Manager, Google, Hubspot, Oracle, Dassault, AWS Certified Edison, New Jersey, United States was discussed that research oriented work is also very important as they create new avenues to work for others. Moreover these research projects bridge the gaps between Academia and industry & Start up Sector on 29/06/2021 afternoon session through the virtual mode. This session was conducted by Ananya Barman, Asst. Prof., BHSU and Srinita Biswas.

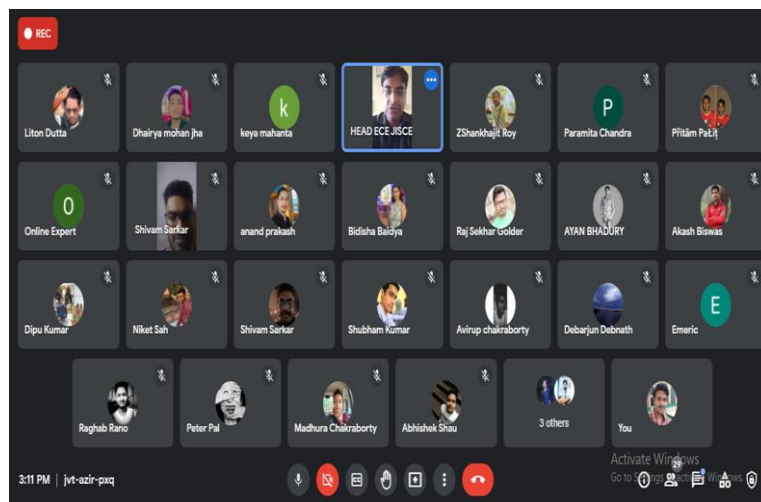
Jaydeep Mandal, Aakar Innovations,Pvt. Ltd. 301,Chawla,Complex,Sec-15, CBD Belapur, Navi Mumbai-400614 also discussed about the Awareness Program on Entrepreneurship-- Innovation-- IPR—Startup and how the faculty member to empowers his students. This session was conducted by Tanmoy Dutta Asst. Prof., BHSU and Moumita Paul Asst. Prof., ECE.

Session 4th was conducted by the Shri Firoz Ahmed speakers from MSME, Govt. of India on 01/07/2021 through Virtual Platform also explain the opportunities of Entrepreneurship Development and Startup. This session was conducted by Ananya Barman Asst. Prof., BHSU and Srinita Biswas.

Mr. Dipan Sahu, Asst. Innovation Director, MoE Innovation Cell discussed about the new innovation of the product on 02/07/2021 at afternoon session. This session was conducted by Mr. Jit Chakraborty, Asst. Prof., BHSU and Mr. Tanmoy Dutta Asst. Prof., BHSU.

Dr. Mahuya Hom Choudhury, Scientist-C & Nodal Officer (Senior Scientist), West Bengal State Council of Science & Technology, Department of Science and Technology, GoWB, Next it was discussed that research oriented work is also very important as they create new avenues to work for others. Moreover these research projects bridge the gaps between Academia and industry & Start up Sector. Students who are keen in research and development should go forward with it. It was asked if a particular student wants to do some research in any field, how much support he/she will get from the industry. To this the panel was of the view that industry will support those ideas that are feasible and will have a potential to make an impact. This session was conducted by Mr. Tanmoy Dutta, Asst. Prof., BHSU and Ananya Barman Asst. Prof., BHSU.

The program was ended with a vote of thanks by Dr. Sudipta Sahana, Convener of the event, JIS College of Engineering, India .The program was a huge success.





**Internal Quality Assurance Cell (IQAC)
JIS College of Engineering, Kalyani**



**Event Report
2019-2020**

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Faculty & Staff training program on Continuous Evaluation Process, JISCE

Name of the Event : Faculty & Staff training programme on Continuous Evaluation Process, JISCE

Date: 01.07.2019 – 03.07.2019

Venue: B.C.Roy Auditorium, JISCE

Organized by :- IQAC, JISCE.

No of Participants: 75

Brief Report: The program was Inaugurated by Dr. Malay R Dave, Principal JISCE. Dr. Sabyasachi Sen, Dean R & D delivered 1st presentation on different parameters of continuous evaluation process. Dr. Papun Biswas, Dean Innovative Learning, Mr. Partha Roy, OIC JISCE, Dr. Biswarup Neogi, Head ECE, Dr. Karabi Ganguly, Head BME were the speakers of the program. The Program was ended with vote of thanks.

Glimpse of the Event



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

Avant grade theoretical modeling and state of art Experimental techniques in Nano electronic devices

Name of the Event: Avant grade theoretical modeling and state of art Experimental techniques in Nano electronic devices

Date: 10.12.2019 – 20.12.2019

Venue: Room No. 417, Main Building, JISCE

Organized by: - IQAC, JISCE in association with BSHU.

THEME OF THE REFRESHERS COURSE	'There's Plenty of Room at the Bottom: An Invitation to Enter a New Field of Physics' was a lecture given by physicist Richard Feynman at the annual American Physical Society meeting at Caltech on December 29, 1959. Feynman considered the possibility of direct manipulation of individual atoms as a more powerful form of synthetic chemistry than those used at the time. This dream is essentially realized in modern day nanotechnology and nanodevices. Recent revolutions in the field of medical sciences, electronic and computing industry has been mainly due to the success story of manipulating the atoms and molecules directly at length scale below 100 nm. Related technology is nanotechnology and as per Industry 4.0 where data and technology of operating at this infinitesimal length scale is going to be the main driving force. The main objective of this faculty development programme is to create a first-hand awareness about basics of nanoscience and technology, its synthesis, related scientific background and exploration of such materials in virtual environment as well as some of the experimental realizations would also provide a multidisciplinary platform where teachers and researchers from both science and engineering background can enrich themselves. A visit to the facilities available will help them to carry out their research work and develop their own applications. Eminent speakers from academic institutions like IITs, University of Calcutta, Indian Association for the cultivation of science, University of Kalyani, Mahatma Gandhi University, Kerala would be the resource person.
ABOUT THE INSTITUTE	JIS College of Engineering is the first private self-financed Autonomous Engineering Institution in the State of West Bengal under Maulana Abul Kalam Azad University of Technology and are affiliated to AICTE, UGC (2f & 12B). Our Institution is accredited with UGC NAAC Grade 'A', eligible engineering departments are accredited by NBA and moreover Institution qualified for Technical Education Quality Improvement Program (As only Private Institution under Subcomponent 1.2 for PG and Research) funded by World Bank. It is located at Kalyani which is renowned Educational Hub in WB with Kalyani University, BCKV, Kalyani Govt. Eng. College, IIIT Kalyani including proposed AIIMS. The Institution had been declared as an Autonomous Institution by the University Grant Commission in 2011 and its renewal in 2017. There is a well established R&D culture within the Institute with R&D grant close 900 lakhs including DST-FIST, 50 patents in past 5 years and more than 200 publications in SCI/SCOPUS/WS indexed journals. Hosting and arranging R&D events like National and International Conference/ Workshop / Seminar are very prominent at the institute. In the recent past, the Institution hosted back to back International Conferences (IC3A2013 in the area Computation and Communication followed by ICONCE 2014 in the area of Non-conventional Energy) technically cosponsored by IEEE regional section the papers of later of which are available at IEEE Explore. The experts, delegates and participants of event include stalwarts from USA, Germany, Japan, UK, Netherlands and SAARC countries. Another international Conference ICAME 2015 is announced which is on the queue. The Institution has been chosen as commencement venue by the Indian Institute of Information Technology (IIIT) in its inception as a National Institution. Recently, JISCE organized an International Conference at AICTE HQ on Digital Pedagogy with AICTE, MHRD, UNISCO, World Bank Group as co-conveners where more than 200 Institutes across India participated and enriched themselves.

COURSE CONTENT

1. Introduction to Nanoscience and Technology,
2. Physics & Chemistry of Nanomaterials:
 - i) ab-initio approach to DFT
 - ii) Spin-polarized DFT and TDDFT
 - iii) DFT based simulations
 - iv) Quantum transport at the nanolevel
 - v) Nanodevices
 - vi) Spintronic devices
3. Modeling Techniques,
4. Nanoelectronics and quantum computing,
5. Computational nanoscience for biomedical applications,
6. Synthesis techniques, Nanolithography
7. Characterization techniques.

Schedule

Date	Time	Speaker	Topic to be discussed
10.12.2019	11am-1pm	Prof. Monoj Kumar Mitra , Former Director, School of Nanotechnology, Jadavpur University	Introduction to nanomaterials
	1pm-2pm	Lunch	
	2pm-4pm	Prof. Asoke Prasun Chattopadhyay , Department of Chemistry, University of Kalyani	Basic synthesis of nanomaterials
11.12.2019	11am-1pm	Subhratanu Bhattacharjee , Department of Physics, University of Kalyani	Physics of nanomaterials
	1pm-2pm	Lunch	
	2pm-4pm	Prof. Asoke Prasun Chattopadhyay , Department of Chemistry, University of Kalyani	Application of nanomaterials
12.10.2019	11am-12pm	Prof. Sayan Bhattacharyay , Dept. of Chemical Sciences, IISER-Kolkata	Aspects of synthesis, characterization, and structure-property correlation of functional nanomaterials.
	12pm-1pm	Prof. Debnarayan Jana , Department of Physics, University of Calcutta	Basic theoretical techniques of nanomaterials
	1pm-2pm	Lunch	
	2pm-3pm	Prof. Amitava Patra , Senior Professor, IACS, Kolkata	Nanomaterials
	3pm-4pm	Subhratanu Bhattacharjee , Department of Physics, University of Kalyani	Characterizations techniques of nanomaterials
13.10.2019	11am-1pm	Prof. Kalyan Kumar Chattopadhyay , Director, School of Nanotechnology, Jadavpur University (I3SET2019)	2D nanostructures and related applications
	1pm-2pm	Lunch	
	2pm-4pm	Prof. Debnarayan Jana , University of Calcutta (I3SET2019)	Graphitic systems
14.10.2019	11am-1pm	Ayan Datta , IACS, Kolkata (I3SET2019)	Multifunctional materials
	1pm-2pm	Lunch	
	2pm-4pm	Gionni Marchetti (I3SET2019)	Physics of nanomaterials
16.10.2019	11am-1pm	Ayan Datta , IACS, Kolkata	Multi-electron techniques
	1pm-2pm	Lunch	
	2pm-4pm	Ayan Datta , IACS, Kolkata	Multi-electron techniques
17.10.2019	11am-1pm	HPC-Expert (1 persons)	How to work in a cluster
	1pm-2pm	Lunch	
	2pm-3pm	HPC-Expert (1 persons)	How to work in a cluster
	3pm-4pm	Hands on Session	
18.10.2019	11:30 am-12:30 pm	Prof. Sanatan Chattopadhyay , Department of Electronic Science, University of Calcutta	Nano-fabrication
	1pm-2pm	Lunch	
	1:30 am-2:30 pm	Prof. Sanatan Chattopadhyay , Department of Electronic Science, University of Calcutta	Nano-fabrication
	2:30 pm-3:30 pm	HPC-Expert (1 persons)	How to work with computational mat. Sc. programmes
	3pm-4pm	Hands on Session	
19.10.2019	11am-12 pm	Prof. Kalyani Kumar Chattopadhyay , Director, School of Nanotechnology, JU	Graphene based nanomaterials
	12 pm to 1 pm	Tarun Kanti Bhattacharjee , Electronics and Electrical Communication Engg., IIT-KGP	Nano-device fabrication
	1pm-2pm	Lunch	
	2pm-3pm	Tarun Kanti Bhattacharjee , Electronics and Electrical Communication Engg., IIT-KGP	Nano-device fabrication
	3pm-4pm	Hands on Session	How to work with computational mat. Sc. programs
20.10.2019	11am-1pm	Hands on Session	How to work with computational mat. Sc. programs
	1pm-2pm	Lunch	
	2pm-3pm	Swati Dey , Department of Chemistry, University of Kalyani	Nanomaterials synthesis
	3pm-4pm	Valedictory session	

Outcome of the Program: Participants learnt about the different process of nanomaterials synthesis and applications. Different characterization process was also discussed. From hands on training participants understood the different characterization process of nanomaterial synthesis and simulation process.

Glimpse of the program:



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Respiratory Assistive Device to fight COVID-19

Name of the Event : Respiratory Assistive Device to fight COVID-19

Date: 08.04.2020

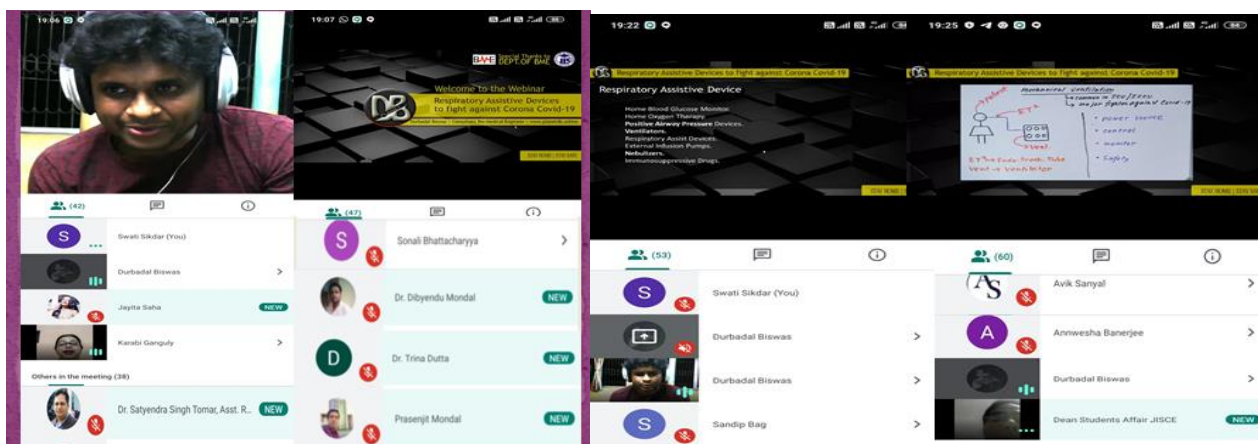
Venue: Google Meet

Participants: 75

Organized by :- IQAC, JISCE in association with BME Dept.

Brief Report: The key speaker of the WEBINAR was BME JISCE First Batch(2007) Alumnus Mr. Durbadal Biswas who is presently fighting the pandemic situation as Biomedical Engineer. The main objective of this WEBINAR is to spread the knowledge about the nature of Covid-19 virus and the ways by which biomedical instrumentation can save the crisis. This WEBINAR was organized to keep our students and staff aware of the situation and the nature of the disease. Moreover, our alumni are supportive and always ready to serve the medical system as well as their Alma Mater.

Glimpse of the Program:



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Site Organization in Civil Engineering Industry

Name of the Event : Site Organization in Civil Engineering Industry

Date: 13.04.2020

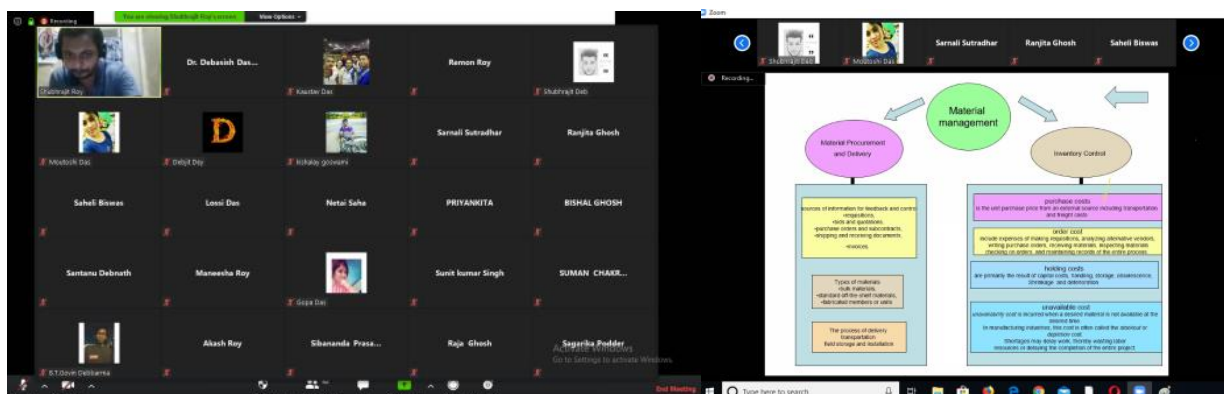
Venue: Google Meet

Participants: 50

Organized by :- IQAC, JISCE in association with CE Dept.

Brief Report: The speaker (Mr. Satyajit Roy, Assistant Engineer-Civil) 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. After the session, students came to know that the scope and opportunities to learn the basic manpower structure in any filed project and get an overall idea on site management.

Glimpse of the Program:



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Webinar on Ethical Hacking

Name of the Event : Webinar on Ethical Hacking

Date: 05.04.2020

Venue: Google Meet

Participants: 88

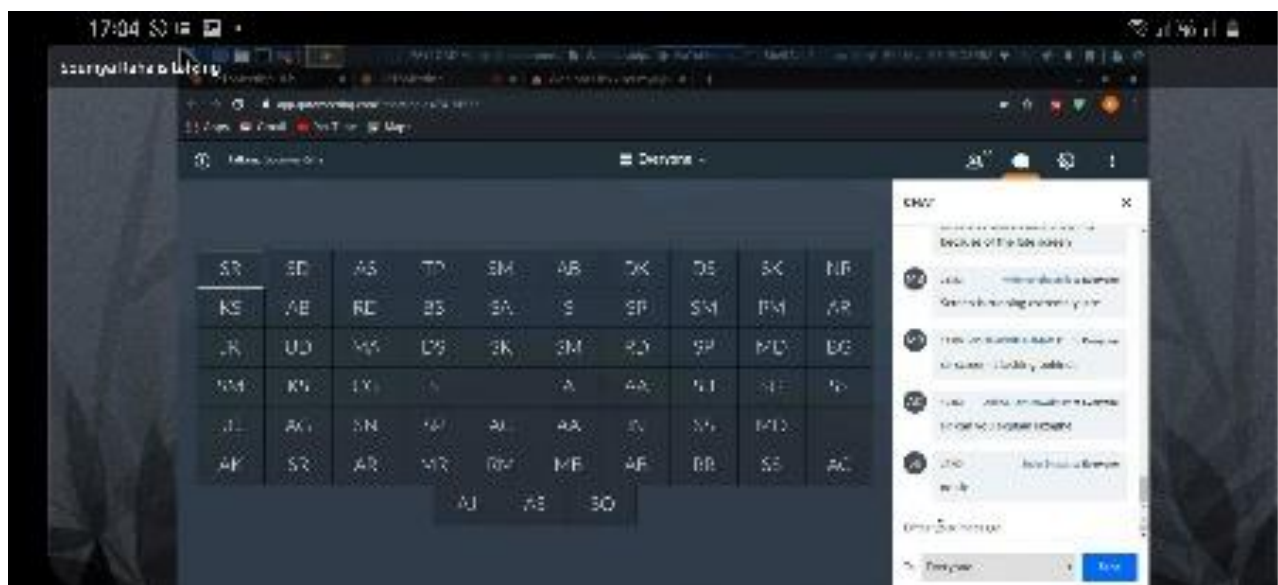
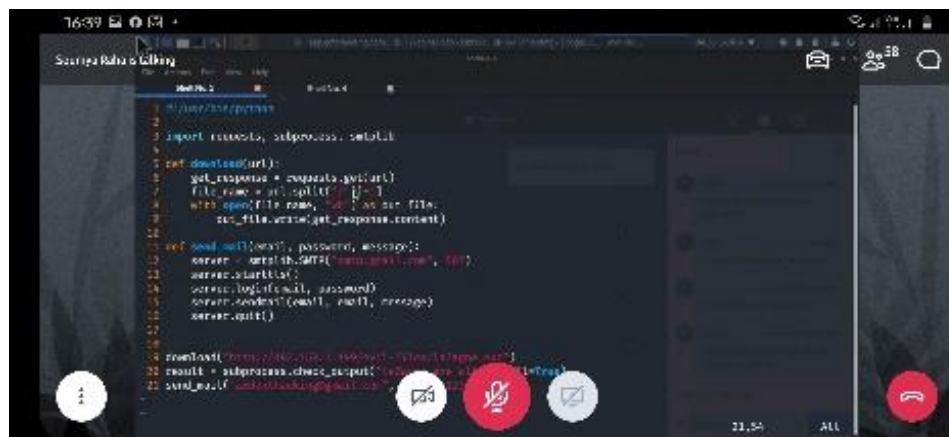
Organized by :- IQAC, JISCE in association with CSE Dept.

Brief Report: The presenter (Mr. Soumya Raha , Corporate Trainer, Ardent Computech Pvt. Ltd) covered the following topics:

1. Trojan building using different tools
2. Analysis of Malware / Trojan Horse
3. Tricks & Technics that Hackers uses to bypass Firewall & Antivirus Program
4. Batch & Python Script for automated download, execute and report Trojan Horse
5. Keylogger Sniffer
6. How Hackers embed malicious Trojan inside legitimate file of PDF, JPEG etc.
7. How they convert bat & py files to exe and spoof file extension and icon.
8. How Hacker delivers the same in convening way to target system
9. Prevention Rules from Social Engineering Attack.

After the session, students came to know about different aspects of Ethical Hacking including its scope and opportunities in job market.

Glimpse of the program:



Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

Python Programming towards the Aim of Transformation on Future Employment Scenario

Name of the Event : Python Programming towards the Aim of Transformation on Future Employment Scenario

Date: 30.03.2020

Venue: Google Meet

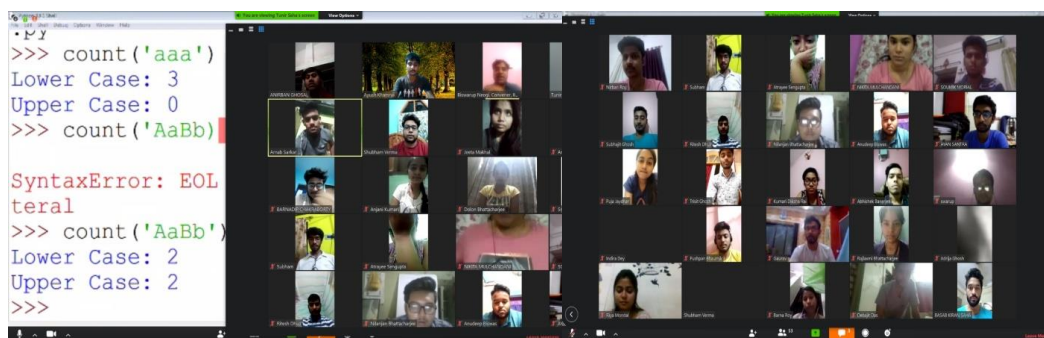
Participants: 70

Organized by :- IQAC, JISCE in association with ECE Dept.

Brief Report: 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. 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 5 years 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 Hands-on from Home and Industry interaction to our students was also accomplished.

Glimpse of the program





Internal Quality Assurance Cell (IQAC)
JIS College of Engineering, Kalyani



Event Report
2018-2019

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Flipped Learning and its Extension to 2nd Year and Mentorship Activity

Name of the Event : Flipped Learning and its Extension to 2nd Year and Mentorship Activity

Date: 02.07.2018 – 06.07.2018

Venue: B.C.Roy Auditorium, JISCE

Organized by :- IQAC, JISCE.



New innovative teaching methodology

The Flipped Learning

The head of the institution, Dr Malay R Dave in his last assignment was working in the South Pacific where exactly he had his first brush with the Flipped Learning and he decided to open up flipped learning domain in India for the first time. In Flipped learning students learn & remember at home by reading digital contents already supplied to them before coming over to the class and more complex cognitive tasks such as analysing, critically evaluating, application of the concepts leading to the next stage of creation is done within the class room. Flipped Learning not only takes care of student centric learning but also sharpens the interpersonal skills of the student such as group discussions, team work, communication skills, leadership qualities etc. The students prepare the digital content through digital platforms like Blendspace while using the Digital Studios for their own inputs.



List of Participants

Madhura Chakraborty	Sajal Haldar	Arnab Mukherjee
Mainuck Das	Arijit Patra	Ashimesh Dutta Gupta
Aniruddha Ghosh	Sumanta Banerjee	Priyanka Banerjee
Sourish Halder	Bikash Bunia	Thia Paul
Bikash Dey	Mrinmoy Dam	Sourav Das
Swati Sikdar	Milan Samal	Sandip Ghosh
Sourish Halder	Adrija Guha	Basanta Bhowmik
Biswamoy Pal	Shishir Kumar Biswas	Ashis Adak
Anirban Haldar	Munshi Rasidul Islam	Asfakulla Molla

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

FDP on outcome based education and accreditation system

Name of the Event : FDP on outcome based education and accreditation system

Date: 19.07.2018

Venue: B.C.Roy Auditorium, JISCE

Organized by :- IQAC, JISCE.

Brief Report: The Program was started with welcome address by Principal Sir. Speakers discussed about the modern technology and their implementation in teaching learning process required for outcome based education. There was also a discussion about different accreditation process. Participants actively participated in the program. Program was concluded by Dean R & D with vote of thanks.

List of Participants

DR. RIMI GHOSH	DR. INDRANATH SARKAR	MR. ANIRBAN GHOSAL
MS. ISHITA BANERJEE	MR. ANIRBAN PATRA	MR. SUBHAM GHOSH
MR. SOUMEN GHOSH	MR. NILOTPAL MANNA	MR. ANIRUDDHA GHOSH
MS. NABANITA DASGUPTA	MR. BIKASH DEY	MR. MAINUCK DAS
DR. ARINDAM BANERJEE	DR. BISWARUP NEOGI	MS. SAMAYITA SARKAR
MRS. RANJANA RAY	MS. MOUMITA PAL	MRS. IRA NATH
MR. GAUTAM LOHAR	MR. SOURISH HALDAR	MRS. MADHUCHANDA KONGSOBANIK
MS. MADHURA CHAKRABORTY	MR. RITARDIK CHOWDHURY	MS. DEBASREE MITRA
DR. RAKESH SINHA	MS. SUKANYA BANERJEE	MR. PIYUSH TIWARI
DR. ABHIJIT MITRA	MR. SOHAM SENGUPTA	MS. RUPASREE BARIK
DR. BASANTA BHOWMIK	MR. SOUMYABRATA SAHA	MR. ANNWESHA BANERJEE
MR. ASHRAFUL ISLAM	MS. SUPARNA DASGUPTA	MR. PROLOY GHOSH
MR. SOURAJIT GHOSH	MR. DEBASHIS SANKI	MS. TANUSHREE SAHA
MR. DIPESU BANERJEE	MR. SUMIT DAS	MR. ANIRUDDHA BISWAS
MS. MOUMITA GHOSH	MS. DEBASMITA MULA	DR. ARUN BARAN SAMMADAR

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

Staff training program on Fire safety tips at workplace

Name of the Event : Staff training program on Fire safety tips at workplace

Date: 07.08.2018

Venue: JISCE campus

Organized by :- IQAC, JISCE.



**STAFF TRAINING PROGRAM
ON
FIRE SAFETY TIPS AT
WORKPLACE
07.08.2018**

**ORGANIZED BY JIS COLLEGE OF ENGINEERING,
KALYANI**

Brief Report: There was a hands on training by the experts in the campus of JISCE. It was an exciting program which provided a lesson on how to use fire extinguisher in the emergency period.

List of participants

MR. ARINDAM CHATTOPADHYAY	DR. SANDIP GHOSH	MR. SOHAM SENGUPTA
MR. SANDIP CHAUDHURY	DR. JAYANTA BISWAS	MR. SOUMYABRATA SAHA
MR. PRABAS BANERJEE	MR. DIBYENDU ADAK	MS. SUPARNA DASGUPTA
MR. ANIRBAN SARKAR	MR. ARNAB KUNDU	MR. DEBASHIS SANKI
MR. SANDIP CHAUDHURY	MR. BISHAL DEY	MR. SUMIT DAS
MR. PRABAS BANERJEE	DR. ANAL RANJAN SENGUPTA	MS. RUPASREE BARIK
MR. ANIRBAN SARKAR	MS. ALAKANANDA BANDYOPADHYAY	MR. ANNWESHA BANERJEE
DR. SANDIP GHOSH	MS. RINKI BHOWMICK	MR. PROLOY GHOSH
DR. JAYANTA BISWAS	MR. APURBA GHOSH	MS. TANUSHREE SAHA
MR. DIBYENDU ADAK	MS. RENU GHOSH	MR. ANIRUDDHA BISWAS
MR. ARNAB KUNDU	MS. ASIMA BISWAS	DR. ARUN BARAN SAMMADAR
MR. BISHAL DEY	MR. SUBHAJIT DEBNATH	MR. RITARDIK CHOWDHURY
DR. ANAL RANJAN SENGUPTA	MS. ANANYA CHATTERJEE	MS. TANUSRI GHOSH
DR. ANINDYA GUHA	MR. MIJANUL ISLAM	DR. DEBASISH MAJUMDER
MR. SUBHAJIT CHOWDHURY	MR. ANIRBAN TARAFDAR	DR. ASIMESH DUTTA GUPTA
MR. UTTIYA KAR	MR. KANAK DAS	MR. PRABIR CHAKRABORTY
MS. SWATI PAL	MR. JIT CHAKRABORTY	MR. TANMOY DUTTA
MS. SUPARNA BISWAS	MR. ASHIS ADAK	MS. SATARUPA CHATTERJEE
DR. AVIK SANYAL	MR. ASFAKULLA MOLLA	MS. LIPI CHAKRABORTY
MS. SAYANTANI DE	MS. LAXSMI PRIYA DATTA	DR. SABYASACHI SEN
MR. SOUMEN SAHA	MS. SUBARNA GUPTA	DR. SILA SINGH GHOSH
MR. RUPAK BHATTACHARJEE	MS. ARPITA GHOSH	

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

Transforming education through technology

Name of the Event : Transforming education through technology

Date: 03.04.2019

Venue: B.C.Roy Auditorium, JISCE

Organized by :- IQAC, JISCE.

Brief Report: The Program was started with welcome address by Principal Sir. Speakers discussed about the modern technology and their implementation in teaching learning process required for transforming education. Participants actively participated in the program. Program was concluded by Dean R & D with vote of thanks



List of Participants

MRS. SUPARNA PAL	DR. RAJESH GHOSH	DR. ARINDAM BANERJEE
DR. SUBRATA MITRA	MR. MD. GULAM HASSAN	MRS. RANJANA RAY
MS. LUSIKA ROY	MR. ABHISHEK DHAR	MR. GAUTAM LOHAR
DR. PAPUN BISWAS	MR. SAYANTAN PAL	MS. MADHURA CHAKRABORTY
MR. RAJAT BHATTACHARYA	MS. GARGI ROY	MR. ANIRBAN GHOSAL
MR. RAKESH NASKAR	MR. INDRANIL KUSHARY	MR. NIRMAL BISWAS
MR. PARTHA ROY	MS. DEBODYUTI UPADHAYA	MR. ANIRUDDHA GHOSH
MR. SUDIP DAS	MS. RIYA PAUL	MR. MAINUCK DAS
MR. BASUDEB DEY	MR. INDU CHAKROBORTY	MS. SAMAYITA SARKAR
MR. PARTHA DAS	DR. INDRANATH SARKAR	DR. BISWARUP NEOGI
MR. REETAM MONDAL	MR. ANIRBAN PATRA	MS. MOUMITA PAL
MR. BISWAMOY PAL	MR. NILOTPAL MANNA	MR. SOURISH HALDAR
MR. ANIRBAN MISHRA	MR. BIKASH DEY	DR. BASANTA BHOWMIK
MR. MILAN SASMAL	DR. RIMI GHOSH	MR. ASHRAFUL ISLAM
DR. BIDHAN MALAKAR	MS. ISHITA BANERJEE	MR. SOURAJIT GHOSH



Internal Quality Assurance Cell (IQAC)
JIS College of Engineering, Kalyani



Event Report
2017-2018

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Workshop on Flipped Learning

Name of the Event : Workshop on Flipped Learning

Date: 29.07.2017 – 31.07.2017

Venue: B.C.Roy Auditorium, JISCE

Organized by :- IQAC, JISCE.

Participants:

Brief Report: ‘Flipped Learning’-a student centric learning methodology. Speakers delivered the necessary information regarding Flipped Learning. There was a discussion about the necessary tools required for the flipped learning and their implementation process. Importance of ‘Learning Management System’ was also discussed.



List of Participants

DR. PRASANTA BARDHAN	DR. INDRANATH SARKAR	MR. SOHAM SENGUPTA	MRS. SUPARNA PAL
MR. PALASH BISWAS	MR. ANIRBAN PATRA	MR. SOUMYABRATA SAHA	DR. SUBRATA MITRA
MR. MUNSHI ISLAM	MR. NILOTPAL MANNA	MS. SUPARNA DASGUPTA	MS. LUSIKA ROY
MR. SHISHIR BISWAS	MR. BIKASH DEY	MR. DEBASHIS SANKI	DR. PAPUN BISWAS
MR. SANDIP CHAUDHURY	DR. RIMI GHOSH	MR. SUMIT DAS	MR. RAJAT BHATTACHARYA
MR. PRABAS BANERJEE	MS. ISHITA BANERJEE	MS. RUPASREE BARIK	MR. RAKESH NASKAR
MR. ANIRBAN SARKAR	DR. ARINDAM BANERJEE	MR. ANNWESHA BANERJEE	MR. PARTHA ROY
MR. BIKASH BHUNIA	MRS. RANJANA RAY	MR. PROLOY GHOSH	MR. SUDIP DAS
MR. DHIRAJ MONDAL	MR. GAUTAM LOHAR	MS. TANUSHREE SAHA	MR. BASUDEB DEY
MS. THIA PAUL	MS. MADHURA CHAKRABORTY	MR. ANIRUDDHA BISWAS	MR. PARTHA DAS
DR. SANDIP GHOSH	MR. ANIRBAN GHOSAL	DR. ARUN BARAN SAMMADAR	MR. REETAM MONDAL
DR. JAYANTA BISWAS	MR. SUBHAM GHOSH	MR. RITARDIK CHOWDHURY	MR. BISWAMOY PAL
MR. DIBYENDU ADAK	MR. ANIRUDDHA GHOSH	DR. ANINDYA GUHA	MR. ANIRBAN MISHRA
MR. ARNAB KUNDU	MR. MAINUCK DAS	MR. SUBHAJIT CHOWDHURY	MR. MILAN SASMAL
MR. BISHAL DEY	MS. SAMAYITA SARKAR	MR. UTTIYA KAR	DR. RAJESH GHOSH
DR. ANAL RANJAN SENGUPTA	DR. BISWARUP NEOGI	MS. SWATI PAL	MR. MD. GULAM HASSAN
DR. PRANATI RAKSHIT	MS. MOUMITA PAL	MS. SUPARNA BISWAS	MR. ABHISHEK DHAR
MRS. IRA NATH	MR. SOURISH HALDAR	DR. AVIK SANYAL	MR. SAYANTAN PAL
MRS. MADHUCHANDA KONGSOBANIK	DR. RAKESH SINHA	MS. SAYANTANI DE	MS. GARGI ROY
MS. DEBASREE MITRA	DR. BASANTA BHOWMIK	MR. SOUMEN SAHA	MR. INDRANIL KUSHARY
MR. PIYUSH TIWARI	MR. ASHRAFUL ISLAM	DR. DHARMPAL SINGH	MS. DEBODYUTI UPADHAYA
MS. SUKANYA BANERJEE	MR. SOURAJIT GHOSH	MRS. SONALI BHATTACHARYYA	MS. RIYA PAUL
MS. DEBASMITA MULA	MR. DIPESU BANERJEE	MR. APURBA PAL	MR. INDU CHAKROBORTY
DR. PRADIP CHATTERJEE	MS. MOUMITA GHOSH	MS. SOUME SANYAL	DR. BIDHAN MALAKAR
MR. SUDIPTA NASKAR	MR. KAUSTAV DAS	MR. JISHNU GUPTA	DR. DEBASISH DAS
MR. SAYANDEEP BHATTACHARJEE	MR. SAMARESH MUKHOPADHYA	MR. SUMANTA CHATTERJEE	MS. SWAGATBINA GOSWAMI
DR. MALAY DAVE	MR. AMIT DAS	MR. SUDIPTA SAHANA	
MR. SATADRU BHATTACHARYA	MR. DEBARGHA BANERJEE	DR. BIKRAMJIT SARKAR	

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

Various Dimensions of the future of Engineering Graduates

Name of the Event : Various Dimensions of the future of Engineering Graduates

Date: 03.08.2017

Venue: B.C.Roy Auditorium, JISCE

Organized by :- IQAC, JISCE.

Brief Report: The Program was started with welcome address by Principal Sir. Speakers discussed about the future prospects of the engineering graduates in this scenario.

Participants actively participated in the program. Program was concluded by Dean R & D with vote of thanks.



List of Participants:

DR. PRASANTA BARDHAN	DR. INDRANATH SARKAR	MR. SOHAM SENGUPTA	MRS. SUPARNA PAL
MR. PALASH BISWAS	MR. ANIRBAN PATRA	MR. SOUMYABRATA SAHA	DR. SUBRATA MITRA
MR. MUNSHI ISLAM	MR. NILOTPAL MANNA	MS. SUPARNA DASGUPTA	MS. LUSIKA ROY
MR. SHISHIR BISWAS	MR. BIKASH DEY	MR. DEBASHIS SANKI	DR. PAPUN BISWAS
MR. PRABAS BANERJEE	MS. ISHITA BANERJEE	MS. RUPASREE BARIK	MR. RAKESH NASKAR
MR. BIKASH BHUNIA	MRS. RANJANA RAY	MR. PROLOY GHOSH	MR. SUDIP DAS
MR. DHIRAJ MONDAL	MR. GAUTAM LOHAR	MS. TANUSHREE SAHA	MR. BASUDEB DEY
MS. THIA PAUL	MS. MADHURA CHAKRABORTY	MR. ANIRUDDHA BISWAS	MR. PARTHA DAS
MR. DIBYENDU ADAK	MR. ANIRUDDHA GHOSH	DR. ANINDYA GUHA	MR. ANIRBAN MISHRA
MR. ARNAB KUNDU	MR. MAINUCK DAS	MR. SUBHAJIT CHOWDHURY	MR. MILAN SASMAL
MR. BISHAL DEY	MS. SAMAYITA SARKAR	MR. UTTIYA KAR	DR. RAJESH GHOSH
DR. PRANATI RAKSHIT	MS. MOUMITA PAL	MS. SUPARNA BISWAS	MR. ABHISHEK DHAR
MRS. IRA NATH	MR. SOURISH HALDAR	DR. AVIK SANYAL	MR. SAYANTAN PAL
MS. DEBASREE MITRA	DR. BASANTA BHOWMIK	MR. SOUMEN SAHA	MR. INDRANIL KUSHARY
MR. PIYUSH TIWARI	MR. ASHRAFUL ISLAM	DR. DHARMPAL SINGH	MS. DEBODYUTI UPADHAYA
MS. SUKANYA BANERJEE	MR. SOURAJIT GHOSH	MRS. SONALI BHATTACHARYYA	MS. RIYA PAUL
MS. DEBASMITA MULA	MR. DIPESU BANERJEE	MR. APURBA PAL	MR. INDU CHAKROBORTY
DR. PRADIP CHATTERJEE	MS. MOUMITA GHOSH	MS. SOUME SANYAL	DR. BIDHAN MALAKAR
MR. SUDIPTA NASKAR	MR. KAUSTAV DAS	MR. JISHNU GUPTA	DR. DEBASISH DAS
MR. SAYANDEEP BHATTACHARJEE	MR. SAMARESH MUKHOPADHYA	MR. SUMANTA CHATTERJEE	MS. SWAGATBINA GOSWAMI

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Introduction to Medicinal Chemistry and Development of Modern Drugs from Plants

Name of the Event : Introduction to Medicinal Chemistry and Development of Modern Drugs from Plants

Date: 24.03.2018

Organized by :- IQAC, JISCE.

Objective: To highlight various aspects related to the modern drugs that are made from plants

Invited Expert:

❖ Prof.(Dr.) S. P. Das, Dept. of Chemistry, University of Kalyani

Participants: Total 35 no. of staffs, JIS College of Engineering

Brief Report:

- ❖ As a part of the training development and awareness initiatives; one day National workshop on Introduction to Medicinal Chemistry and development of Modern Drugs from Plants was organized by Department of Chemistry, on 23rd February 2018. The entire program was enriched by the presence of the invited speaker Prof. (Dr.) S. P. Das, Dept. of Chemistry, University of Kalyani and Dr. Asimesh Dutta Gupta, Professor, Dept. of Chemistry, Netaji Subhas Open University, Kolkata. Total 35 no of staffs benefited by the one-day seminar. The valedictory program was embraced with the presence of Dr. Asimesh Dutta Gupta, Professor, Dept. of Chemistry, Netaji Subhas Open University, Kolkata.



List of Participants

ANIRBAN BASU ROY CHOWDHURY	DR. AMBARISH SANYAL	DR. SABYASACHI SEN
DR. SOUVIK DE	MISS ANANYA BARMAN	DR. SILA SINGH GHOSH
MR. SUDIP NASKAR	MR. DIPANKAR GHOSH	DR. SUBHAMOY SINGHA ROY
MS. PARIJAT DUTTA	MS. GARGI DAS	DR. MONISHA SARKAR
MR. TITAS DAS	MS. LAXSMI PRIYA DATTA	DR. DEBASISH MAJUMDER
DR. AJOY SIL	AMIT BERA	MR. RUPAK BHATTACHARJEE
DR. DEBASHREE DAS	DR. SUBHRANGSU TARAN	MR. SHUBHAIYU CHAKRABORTY
MR. SOURAV GHORAI	DR. SUBARNA DAS(MITRA)	MR. SUBRATA PALCHOWDHURY
MS. SUMITA SAHA	DR. TRINA DUTTA	DR. ASIMESH DUTTA GUPTA
MS. PALLABI BOSE	DR. MAHUYA BANDYAPADHYAY	MR. PRABIR CHAKRABORTY
MR. BAPIN MONDAL	MS. SRABONI GURIA	MR. TANMOY DUTTA
MS. PINKI SEN	DR. SWAGATA BHATTACHARJEE	-



**Internal Quality Assurance Cell (IQAC)
JIS College of Engineering, Kalyani**



**Event Report
2016-2017**

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Analysis of Human Brain Activity

Name of the Event : Analysis of Human Brain Activity

Date: 29.07.2016

Organized by :- IQAC, JISCE.

Venue: Room No. 218 (Main Building), JISCE

Objective: The objective of invited lecture was to enhance the knowledge of students by interacting with the external expert.

Invited Expert: Dr. Sudip Paul, North Eastern Hill University, Shillong

Participants: BME 2nd year, 3rd year, & 4th year students and faculty member of JIS College of Engineering



Brief Report:

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 in two parts:

Part-1: Study of the Human Brain Anatomy and Recording of EEG signal from the different regions of the brain.

Part-2: Development of Algorithms in MATLAB software which is incorporated the major changes of EEG signals.

Outcome: Invited lecture session was very resourceful. Several questions from participants were addressed. Eminent expert expressed his views on the need of advanced research on device design in the

List of Participants

Mr. Satadru Bhattacharya	Ms. Ruchira Karmakar	Suprabeet Datta	Dr. Sandip Bag	Ms. Barnisa Chottopadhyay
Mr. Shanku Mandal	Ms. Thia Paul	Mr. Partha Das	Dr. Karabi Ganguly	Ms. Sayanti Guha
Dr. Arijit Choudhury	Mr. Sourav Das	Mr. Bidyut Roy	Mr. Saikat Kanjilal	Ms. Arundhuti Sengupta
Dr. Rakesh Sinha	Mr. Arnab Mukherjee	Mr. Bikash Sarkar	Mr. Vivek Shaw	Dr. Samim Mustafa
Ms. Adrija Guha	Mr. Jitendra Shome	Subhajit Das	Soutrik Bose	Mr. Bipul Goswami

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

JISTech2K17

Name of the Event : JISTech2K17

Date: 25.05.2017-26.05.2017

Organized by :- IQAC, JISCE.

Venue: JIS Campus

Brief Report:



About JISTech 2K17

JIS College of Engineering, Kalyani is the first Autonomous self-financed college of West Bengal organizing various National and International seminars throughout the academic calendar. The 3rd Technical Symposium 'JISTech 2K17' was organized by JIS College of Engineering, Kalyani on 25th February, 2017 at the campus, it was unique and one of its kind as it brought together an amalgamation of 30 Schools, 20 Colleges, 10 Departments and 5000 Students from Schools and Colleges showcasing the spirit of knowledge through innovation at the same podium.



The Technical Symposium was inaugurated by Dr. Manpreet Singh Manna, Director, AICTE; Mr. Taranjit Singh, Managing Director, JIS Group along with JIS management team and the Russian delegates were welcomed.

'JISTech 2K17' was the place where high profile delegates visited. The inauguration of 'Centre of Excellence' in our college campus happened with the stakeholders of Russian Federation. The students witnessed many Russian delegates from different Russian Universities.

Students exhibited their innovative projects not in the manuscript format, but in the way of presentable first prototype design format. The Russian Delegates

visited the exhibition area whole heartedly and they also encouraged the students. They were very much impressed by the innovative works and the enthusiasm among the students. They also visited our college campus and were very delighted to see the various activities going on.

Dr. Manpreet Singh Manna, Director, AICTE, expressed his innate contentment by stating about the Live Projects that were transformed into reality by the Students and the Faculties of JIS College of Engineering, Kalyani. Through their valuable advice the symposium turns out to be a big successful event. Students discussed their plans with the delegates. Students were encouraged towards the start-up processes from the industrialist personalities.

Delegates present in the Technical Symposium were Dr. Manpreet Singh Manna, Director, AICTE; Mr. Taranjit Singh, Managing Director, JIS Group; Mr. Simarpreet Singh, Director JIS Group, Mr. U. S. Mukherjee, Deputy Director, JIS Group; Mrs. Sila Singh Ghosh, Vice President -Corporate Relations, JIS Group Mr. S. S. Dutta Gupta, Director, JIS Group Educational Initiatives; Dr. Malay R Dave, Principal, JISCE.

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

Administrative training on CREATRIX Campus Management

Name of the Event : Administrative training on CREATRIX Campus Management

Date: 12.05.2017

Organized by :- IQAC, JISCE.

Venue: Room No. 218 Main Building, JISCE

Participants: 123

Brief Report:

A total of 123 faculty members and staffs participated in the 1st phase of the Administrative Training on Creatrix Campus Management System. The new ERP module was introduced by Admins and Vendor representatives. Various Academic management modules including semester and program creation, faculty management, student management, course management, student registration, attendance recording, assignment creation etc were demonstrated. Various level of control for changes were also explained for example HOD profile, college admin profile, faculty profile and student profile. Timetable and attendance related queries raised during the session were answered. They showed quicker methods to perform similar tasks and the system defaults for the referencing similar problems. Some inclusion proposals were suggested from faculty members depending on the curriculum structure like optional subject group division and evaluation issues.

List of Participant

Dr. Sandip Ghosh	Dr. P K Bardhan	Mr. Sudipta Naskar	Mr. Piyush Tiwari	Mr. Sudipta Sahana
Dr. Haradas Banerjee	Ms. Swati Sikdar	Mr. Sajal Paul	Mr. Bappa Sarkar	Mrs. Sonali Bhattacharyya
Dr. Meghamala Dutta	Dr. Pradip Chatterjee	Mr. Satadru Bhattacharya	Mrs. Ira Nath	Ms. Sukanya Jana

Dr. Sandip Bag	Mr. Subhajit Das	Mr. Shanku Mandal	Mrs. Madhusmita Mishra	Dr. Tapas Basak
Ms. Nabanita Dasgupta	Mr. Jitendra Shome	Ms. Pramita Deb	Mrs. Madhuchanda Kongsobanik	Dr. Subrata Mitra
Ms. Moumita Pal	Dr. Arindam Bit	Dr. Avik Sanyal	Ms. Pranati Rakshit	Dr. Jiban Das
Ms. Thia Paul	Ms. Gargi Das	Ms. Swati Pal	Ms. Anandaprova Ghoshal	Dr. Ranjit Ray
Mr. Dibyendu Mondal	Ms. Lipi Chakraborty	Ms. Suparna Biswas	Ms. Kriti Bhowmik	Dr. Soma Biswas
Mr. Shishir Biswas	Ms. Sraboni Guria	Ms. Sayantani De	Ms. Soumi Basak	Dr. Papun Biswas

Mr. Bikash Bhunia	Ms. Adrija Guha	Dr. Ardhendu Bhattacharya	Ms. Debasree Mitra	Dr. Arijit Choudhury
Mr. Sumanta Banerjee	Ms. Priyanka Banerjee	Dr. Prasanta Bardhan	Mr. Sumanta Chatterjee	Mr. Sudipta Sahana
Mr. Prabas Banerjee	Ms. Ruchira Karmakar	Dr. Praphulla Sinha	Mr. Rabi Shaw	Mrs. Parnali Giri
Mr. Dhiraj Mondal	Dr. Mohit Roy	Dr. Debasish Nandi	Mr. Shuvendu Das	Mrs. Sonali Bhattacharyya
Mr. Arijit Patra	Dr. Somsubhra Gupta	Dr. Satyabrata Basu	Ms. Anwesha Biswas	Mr. Vivek Shaw
Mr. Anirban Sarkar	Mr. Sanjoy Roy	Mr. Sandip Chaudhury	Ms. Moumita Pal	Mr. Amit Sil
Mr. Dipak Shaw	Mr. Jishnu Gupta	Mr. Munshi Islam	Ms. Soma Bhattacharyya	Ms. Satarupa Chatterjee
SaibalSaha	Debi Prasad Mitra	Maitree Ghosh	Kamal Pal	Suranjan Das
Ms. Tanushree Saha	Ms. Ruchira Karmakar	Dr. Subhamoy Singha Roy	Dr. Santosh Chowdhury	Mr. Shuvendu Das
Dr. Anindya Guha	Dr. Mohit Roy	Dr. Swagata Bhattacharjee	Dr. Arun Ghosh	Mr. Apurba Pal
Mr. Subhajit Chowdhury	Dr. Somsubhra Gupta	Miss Ananya Barman	Mrs. Sonali Bhattacharyya	Mr. Anupam Mondal
Mr. Uttiya Kar	Mr. Sanjoy Roy	Mr. Shubhaiyu Chakraborty	Dr. Swastika Chakraborty	Mr. Sainik Mahata
Mr. Soumen Saha	Mr. Jishnu Gupta	Mr. Subrata Palchowdhury	Dr. Biswarup Neogi	Mr. Avijit Sarkar
Dr. Avik Sanyal	Mr. Sumit Das	Mr. Sudip Naskar	Dr. Rimi Ghosh	Mr. Sudipta Sahana
Ms. Swati Pal	Mr. Aniruddha Biswas	Mr. Prabir Chakraborty	Dr. Indranath Sarkar	Mrs. Parnali Giri
Ms. Suparna Biswas		Mr. Annwesha Banerjee		Mr. Rupak Bhattacharjee



Internal Quality Assurance Cell (IQAC)
JIS College of Engineering, Kalyani



Event Report
2015-2016

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

“Professional Development on Effective Teaching and Learning”

Name of the Event: Professional Development on Effective Teaching and Learning

Date: 20.08.2015-21.08.2015

Organized by :- IQAC, JISCE.

Venue: Room No. 218 (Main Building)-JISCE

Participants: 36

Brief Report: The Program was started with welcome address by Principal Sir. Speakers discussed about the modern technology and their implementation in teaching learning process. Participants actively participated in the program. Program was concluded by Dean R & D with vote of thanks.

List of Participant

MR. SOURAV SAHA	DR. DEWAKI TIBARWALA	MR. MUNSHI ISLAM	MR. SAJAL PAUL
DR. PRADIP CHATTERJEE	MR. MONALISA DEY	MR. SHISHIR BISWAS	MR. ANIRBAN MISHRA
MR. SUDIPTA SAHANA	MR. SUDIP PODDAR	MR. RABI SHAW	MR. MILAN SASMAL
MR. REETAM MONDAL	MS. PARIJAT DUTTA	MS. SATABDI SAHA	MR. MRINMOY DAM
DR. BISWARUP NEOGI	MS. SAYANTI CHATTOPADHYAY	MR. SOURAV CHANDRA	MS. PRIYANKA BANERJEE
MS. MOUMITA PAL	MR. SAIKAT SARKAR	MR. SUBRATA DAS	MR. SOUMEN SAHA
DR. AJOY SIL	MR. SUBHANKAR PALCHOWDHURY	MR. SUDIPTA GHOSH	MR. BIKASH BHUNIA
MS. ANUJATA BHATTACHARYYA	MR. ARUP RAY	MISS DEBASREE MUKHERJEE	MR. DHIRAJ MONDAL
MR. ANIRUDDHA BISWAS	MR. SOURISH HALDAR	MS. MITALI NANDY	MR. ARIJIT PATRA

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

TEQUIP sponsored workshop on 'Industrial Automation Using PLC, SCADA, & DRIVES'

Name of the Event: Industrial Automation Using PLC, SCADA, & DRIVES

Date: 02.04.2016

Organized by :- IQAC, JISCE.

Venue: B.C.Roy Auditorium, JISCE

Main objectives of the event:

- a) To provide a platform for our students to give information in relation to latest developments and development activities in Industry incorporating various Automation system namely PLC, SCADA and DRIVES.
- b) To provide its related and enabling technologies regarding research innovation.

Invited Experts:

1. Mr. Anuranjan Chakraborty.
2. Ms. Dipika Das
3. Mr. Partha Pandit.

Total Number of Participants: 120

a) No. of students: 78 b) No. of in-house faculty members: 8 c) No. of in-house staff members: 6

Picture(s) of the Seminar organized:



Benefits obtained by students :

- Student's Knowledge enriched with practical data & present global statistics.
- Students acquired some ideas of application of these modern automation system for Industry Application.

Major Outcome of the seminar:

- Students are very much interested to make B.tech. Projects considering this topic.
- Student exchange new ideas and application experiences face to face, to establish business or research relations

List of Participants

DR. SABYASACHI SEN	MR. DEBASHIS SANKI	MRS. RANJANA RAY	MR. SUDIPTA SAHANA	MR. SUVENDU BANERJEE
DR. ANINDYA GUHA	MS. MOUSUMI SAHA	MR. GAUTAM LOHAR	MR. REETAM MONDAL	MR. ANIRBAN BASU ROY CHOWDHURY
DR. SOMSUBHRA GUPTA	MRS. INA MUKHERJEE	MR. SOUMEN GHOSH	DR. BISWARUP NEOGI	MR. PRASENJIT MONDAL
DR. HIRONMAY DASGUPTA	DR. MEGHAMALA DUTTA	MS. MADHURA CHAKRABORTY	MS. MOUMITA PAL	MR. AMIT BERA
MRS. SUPARNA PAL	DR. KARABI GANGULY	MS. NABANITA DASGUPTA	DR. AJOY SIL	MR. ASIM KUMAR PAUL
DR. SILA SINGH GHOSH	MR. RAJAT BHATTACHARYA	DR. SUBHRANGSU TARAN	MS. ANUJATA BHATTACHARYA	MR. SAIBAL SAHA
DR. SUBRATA MITRA	DR. ASIT GUHA	MS. RUPASREE BARIK	MR. ANIRUDDHA BISWAS	MS. MUNMUN PRAMANIK
DR. INDRANATH SARKAR	MR. SANJOY ROY	MR. NILOTPAL HALDER	DR. DEWAKI TIBARWALA	MS. TANIMA DAS
DR. HARADAS BANERJEE	MR. TAPAN RANA	MR. BAPPA SARKAR	MR. MONALISA DEY	MR. SAJAL PAUL
MR. SATRUGHNA SINGHA	DR. SATYABRATA DUTTA	DR. ARUN GHOSH	MR. SUDIP PODDAR	MR. ANIRBAN MISHRA
DR. PRANATI RAKSHIT	DR. DHARMPAL SINGH	MR. BIVAS ROY	MS. PARIJAT DUTTA	MR. MILAN SASMAL
DR. AMRUT JENA	MRS. IRA NATH	MR. DEBOTTAM DAS	MS. SAYANTI CHATTOPADHYAY	MR. MRINMOY DAM
MS. LUSIKA ROY	MRS. MADHUSMITA MISHRA	MR. PRABIR SAHA	MR. SAIKAT SARKAR	MS. PRIYANKA BANERJEE
DR. SUBHAMOY SINGHA ROY	MRS. MADHUCHAND A KONGSOBANIK	DR. SUDARSHAN NANDY	MR. SUBHANKAR PALCHOWDHURY	MR. SOUMEN SAHA
MR. SOHAM SENGUPTA	MRS. SONALI BHATTACHARYA	DR. SANTOSH KUNDU	MR. ARUP RAY	MR. BIKASH BHUNIA
DR. SOMA BISWAS	MR. RAKESH NASKAR	MS. JAYEE DUTTA	MR. SOURISH HALDAR	MR. DHIRAJ MONDAL
DR. SANDIP BAG	MR. PARTHA ROY	MS. HOWA BEGAM	MR. MUNSHI ISLAM	MR. ARIJIT PATRA

DR. PAPUN BISWAS	DR. RIMI GHOSH	DR. SUBARNA DAS(MITRA)	MR. SHISHIR BISWAS	DR. SATYABRATA BASU
MR. ANIRBAN PATRA	MS. ISHITA BANERJEE	DR. TRINA DUTTA	MR. RABI SHAW	MR. SUMANTA BANERJEE
MR. NILOTPAL MANNA	DR. DEBASISH MAJUMDER	DR. MAHUYA BANDYAPADHYAY	MS. SATABDI SAHA	MS. KRITI BHOWMIK
MR. BIKASH DEY	MR. RUPAK BHATTACHARJEE	MS. SRABONI GURIA	MR. SOURAV CHANDRA	MR. RAKESH GUPTA
DR. MONISHA SARKAR	MR. SHUBHAIYU CHAKRABORTY	MS. SUPARNA BISWAS	MR. SUBRATA DAS	MR. INDRANIL MAHANTY
MR. SOUMYABRATA SAHA	MR. SUBRATA PALCHOWDHURY	DR. AVIK SANYAL	MR. SUDIPTA GHOSH	MR. AMIT SIL
MS. SUPARNA DASGUPTA	MR. SUMIT DAS	MR. SOUVIK DAS	MISS DEBASREE MUKHERJEE	MR. DIBAKAR GHOSH

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on Next Generation Cellular Technology

Name of the Event: Next Generation Cellular Technology

Date: 06.05.2016

Organized by :- IQAC, JISCE.

Participants: 68

Objective:

- i) Increase innovative research idea among the faculty, staff and student.
- ii) Students get to improve their knowledge beyond the syllabus.

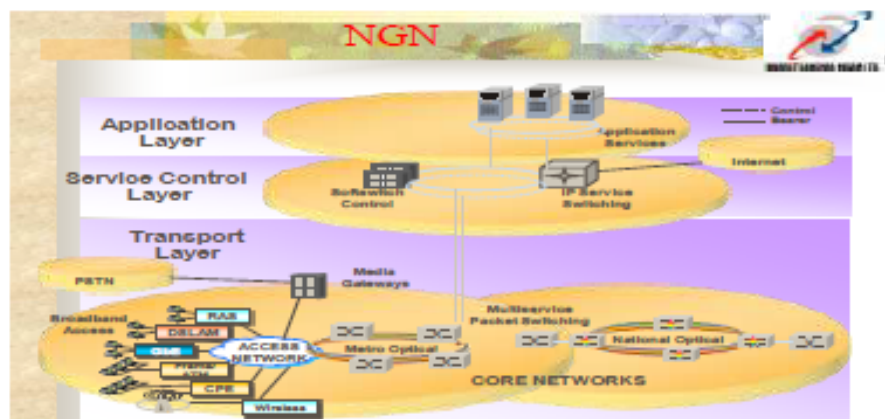
NEXT GENERATION CELLULAR TECHNOLOGY™ (NGCT2016/NGCT2K16)

Next Generation Technology/Network

A Next Generation Network (NGN) is a packet-based network able to provide Telecommunication Services to users and able to make use of multiple broadband, QoS-enabled transport technologies and in which service-related functions are independent of the underlying transport-related technologies. It enables unfettered access for users to networks and to competing service providers and services of their choice. It supports generalised mobility which will allow consistent and ubiquitous provision of services to users.

NGN Architecture

NGN is a layered architecture consisting of transport, access, control and application layer. It is important to note that all the layers are independent from each other. Change in one layer should not affect other layers.



Access Layer:

Access Layer is responsible for direct subscriber attachment function. NGN can support all kind of existing access as well as upcoming access. In fact NGN does not matter about type of access. NGN is capable of processing traffic originated from PSTN, GSM, CDMA, xDSL, WiMAX or any other access system. Depending upon the type of access, protocol conversion and/or media conversion may be required at the NGN Gateways.

Access Layer consists of Gateways. Example of gateways are media Gateway, Access gateway. Signalling gateway.

Media gateway terminates media, coming from PSTN/PLMN in E1 / STM. Here it is responsible for packetisation of media under the instruction of control layer. After packetisation of information it throws packets to the transport Network. Access gateway is nearer to subscriber. Subscriber can directly be terminated in Access Gateway. All the required configuration of such subscribers should be done at control layer. Access Gateway and Media Gateways are responsible for carriage of Media whereas Signalling gateway is carrying signalling generated by PSTN and informs Control Layer about the signalling in required format.

Transport Layer

Transport Layer of NGN is based on IP. It can utilize the advantage of MPLS. Transport Layer forms the core of the Network. It basically consists of Routers, which are responsible for carrying traffic originated by access layer. As the same core network is going to be used for all kinds of subscribers enjoying different kind of real time and non real time services, it should be able to make use of band width policies and Qos policies. Operator has to think of managed Network for its subscribers.

It is basically an assembly of routers connected with optical network. Traffic coming from gateways is properly routed by those routers.

Control Layer

It is responsible of call setup, routing and charging policies and other controls in NGN environment. It consists of call servers where all information of the network resides. These call servers are responsible for setting up, modifying, charging and tear down of the calls.

NGN may work on soft switch principle. It consists of MGC (Media Gateway Controller) as an overall controller and MGs(Media Gateway) for termination of traffic. MGC is basically a server and it is having all the necessary information of network MGC instructs MGs for establishing the call. Under the control of MGC, MG performs different call related tasks such as connection, modification and termination of media streams, packetisation of media etc.

Application Layer

It is responsible for OSS/BSS. Enhanced services to the subscribers will be provided with the help of application servers. It may include prepaid servers, announcement servers, Service servers etc. Hence NGN is making service separation from Network. Any service can be introduced with the help of server at any time without any modifications in the control, transport or access.

Invited Experts:

- 1)MR. APURBA SANYAL, SDE (RETIRED) BSNL (BHARAT SANCHAR NIGAM LIMITED)
- 2)MR. SHYAMA PRASAD BISWAS, SDE (RETIRED), BSNL
- 3)MR. ASHIT BISWAS, SDE, BSNL (BHARAT SANCHAR NIGAM LIMITED)

Picture of the Seminar organized:



Brief Report:

Students get extra knowledge and information about next generation cellular technology. They got extra beneficial ideas beyond the syllabus.

Outcome: Major Outcome of All students are feedback that this type of seminar will be arranging regular basis. All students are agreed that seminar is full of new ideas, technology development which will be helpful further.

- i)Student gets idea and recent development of Next Generation of Cellular Technology
- ii)Students also get new technology beyond the syllabus which will give extra advantages to build their career.

List of Participants

DR. VIKRAM BHAGAT	MR. SUBHAM GHOSH	MS. LIPI CHAKRABORTY	MS. RUPALI ROY
DR. RAVINDRANATH MUKERJEE	MR. ANIRUDDHA GHOSH	MR. PROLOY GHOSH	MS. SUTAPA BISWAS
MR. JISHNU GUPTA	MR. MAINUCK DAS	MS. TANUSHREE SAHA	MR. TAPAN MAJUMDER
MR. SUMANTA CHATTERJEE	MS. SAMAYITA SARKAR	MS. SAYANTANI DE	DR. SANKAR RAY
MR. BIKASH DEY	DR. ASIMESH DUTTA GUPTA	MR. PALASH BISWAS	MS. SWATI SIKDAR
MR. BASUDEB DEY	MR. PRABIR CHAKRABORTY	MR. DIPAK SHAW	MR. SUDIPTA NASKAR
MR. PARTHA DAS	MR. TANMOY DUTTA	MR. AVIJIT SARKAR	MR. SAYANDEEP BHATTACHARJEE

MR. ANIRBAN GHOSAL	MS. SATARUPA CHATTERJEE	MS. ANWESHA BISWAS	MR. SAJAL PAUL
DR. SILA SINGH GHOSH	MR. ANIRBAN PATRA	DR. MEGHAMALA DUTTA	MRS. MADHUSMITA MISHRA
DR. ARUN GHOSH	DR. AVIK SANYAL	MR. TANMOY DUTTA	DR. TRINA DUTTA
MR. BIVAS ROY	MR. SOUVIK DAS	MS. SATARUPA CHATTERJEE	DR. PRADIP CHATTERJEE
MR. DEBOTTAM DAS	DR. ARINDAM BIT	MS. LIPI CHAKRABORTY	MR. SUDIPTA SAHANA
MR. PRABIR SAHA	DR. MAHUYA DAS	MR. PROLOY GHOSH	MR. REETAM MONDAL
DR. SUDARSHAN NANDY	MR. ANUPAM MONDAL	MS. TANUSHREE SAHA	DR. BISWARUP NEOGI
DR. SANTOSH KUNDU	DR. AMIT DUTTA	MS. SAYANTANI DE	MS. MOUMITA PAL
MS. JAYEE DUTTA	MR. BIKASH JOADDER	MR. PALASH BISWAS	DR. AJOY SIL
MS. HOWA BEGAM	MS. ANANDAPROVA GHOSHAL	MR. DIPAK SHAW	MS. ANUJATA BHATTACHARYYA



**Internal Quality Assurance Cell (IQAC)
JIS College of Engineering, Kalyani**



**Event Report
2014-2015**

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

Training Program: FDP on “Mission 10X –UTLP Practitioner Training Program”

Name of the Event : Training Program: FDP on “Mission 10X –UTLP Practitioner Training Program”

Date: 21.07.2014-25.07.2014

Organized by :- IQAC, JISCE.

Participants: 15

BRIEF REPORT:

Date: 21.07.2014 to 25.07.2014

Description and outcome: FDP on “Mission 10X- UTLP Practitioner Training Program” held from 21.07.2014 to 25.07.2014. The HODs and the faculties having 10 years of experience were nominated for this program. In total 15 faculties attended the program.

The faculties also shared their experience with rest of the faculties at JIS College of Engineering.

List of Participant

MS. ANANDAPROVA GHOSHAL	DR. SWAGATA BHATTACHARJEE	MR. ANNWESHA BANERJEE
MR. DEEPAK KUMAR	DR. AMBARISH SANYAL	MS. SUMANA BANERJEE
MR. CHINMOY SARKAR	MISS ANANYA BARMAN	DR. VIKRAM BHAGAT
MR. APURBA PAL	MR. DIPANKAR GHOSH	DR. RAVINDRANATH MUKERJEE
MS. SOUME SANYAL	MS. GARGI DAS	MR. JISHNU GUPTA

Internal Quality Assurance Cell (IQAC)

JIS College of Engineering, Kalyani



A brief report on

3Days professional development program on “Medical Image Processing Using MATLAB”

Name of the Event : 3Days professional development program on “Medical Image Processing Using MATLAB”

Date: 20.08.2014-22.08.2014

Organized by :- IQAC, JISCE.

Participants: 40

Description and outcome: Participants learnt that how medical image processing can be done using MATLAB.

List of Participant

MR. SUDIP NASKAR	MS. SUKANYA JANA	MR. SUBHANKAR GHOSH	MR. ARUP RAY	MR. ANIRBAN SARKAR
MR. BIDESH BERA	MS. SUSMITA DAS	MR. SASANKA DALPATI	MR. SOURISH HALDAR	MS. MAITRAYEE SUR
DR. ARDHENDU BHATTACHARYA	DR. PRAPHULLA SINHA	DR. DEBASISH ROY	MR. MUNSHI ISLAM	MS. PRAMITA DEB
MR. DIBYENDU MONDAL	DR. DIPAK GHOSH	MR. TANMOY SARKAR	MR. SHISHIR BISWAS	MS. DEBADYUTI BANERJEE
DR. HARISH SARKAR	DR. PARITOSH DAS PURAKAYASTHA	MR. SOURAV SAHA	MR. RABI SHAW	DR. JIBAN DAS
MR. SUDIP PAL	MR. NILANJAN DEY	DR. PRADIP CHATTERJEE	MS. SATABDI SAHA	MS. SOUMI BASAK
MR. SAINIK MAHATA	MR. KALIMUDDIN MONDAL	MR. SUDIPTA SAHANA	MR. SOURAV CHANDRA	MR. RABI SINGH
MR. SHUVENDU DAS	MR. RAJAN GHOSH	MR. REETAM MONDAL	MR. SUBRATA DAS	MS. NEHA SHARMA