



from the desk of the
PRESIDENT

Dear Member,



26th November, 2021

With activities gaining momentum in the last one month post the festivities, we are all set to end the third quarter on a very busy note and also look forward to an even busier and more happening fourth quarter.

Your Chamber has had a significant calendar event during this past month which has been reported in detail in this edition of the Newsletter. This is our participation in COP26 at Glasgow, where we were selected to participate as possibly one of the only institutions of its kind from our country. The Chamber presented a session on “Accelerating Electric Mobility with green jobs and gender parity” on 10th November 2021”. At the event, The Chamber took a pledge as a leading and relevant representative of businesses, governments, policy, institutions and civil society in general, to work together with all stakeholders in realizing the goal of Net-Zero emissions within the

next few decades. I would like to take this opportunity to thank The Chamber's Office Bearers and Ex-Officio Member, who led the Chamber team to Glasgow and simultaneously in Kolkata and all others who put in their time and effort for this remarkable participation.

The Chamber's event calendar for December and for the last quarter of the Financial Year signifies rolling out of a number of programmes of relevance as you would see from the list of upcoming programmes for the year which will be made available to you. I would like to thank the Chairpersons, Co-chairpersons and members of the various Expert Committees for their immense support in this regard.

With regards and best wishes,

Sd/-

Abraham G Stephanos
President

Taipei World Trade Centre, Kolkata (TAITRA), in association with The Bengal Chamber of Commerce and Industry (BCC&I), had organized Taiwan Expo 2021 from 27th to 29th October, on virtual platform. This Expo had exhibitors from different industrial sectors of Taiwan - Home life accessories, Industrial testing & safety equipment, Furniture hardware, Information communication, Tours & Travel to name a few. Some prominent Taiwanese companies which were present in the event included Jye Lian Technologies Ltd, Sheng Yuan Electric Co. Ltd., Bam Boo Lai Ltd., Kuching Travel Service Co, Yuden Tech, OncQue Corporation etc.

The main objective of the event was to **develop bilateral trade relations between India and Taiwan and widen the connection between the two countries, both economically and culturally**. This was done by conducting dedicated, one-to-one B2B meetings between the Taiwanese exhibitors and relevant and potential Indian buyers engaged in manufacturing, distributing and providing the same line of products or services. Through some intense **primary and secondary market surveys**, The Bengal Chamber of Commerce & Industry (BCC&I) was able to connect with around **108 Indian units** located across India. By informing them about the event and helping them realize how fruitful the meetings can be for them and India as a whole, The Bengal Chamber of Commerce & Industry (BCC&I) was able to organize a total of **46 one-to-one B2B meetings**.

The opening ceremony of the event was hosted in Taiwan. In Kolkata, the event was coordinated from the **King's Bakery, Kolkata**. The event commenced at **10.00 AM (IST)** on **27th October** and the opening ceremony was followed by the one-to-one B2Bs. A total of **18 meetings** were conducted virtually on that day. Some eminent Indian organizations which were

a part of this event on 27th were **Damodar Valley Corporation (DVC), Shapoorji Pallonji and Company Ltd., Vinayak Group, Klystron Electronics, SAGS Control Pvt. Ltd., Shree Ganesh Enterprise, Exciting Tales** etc.

On **28th October**, electrical goods wholesalers like **HL Engineering Corporation**, construction companies like **Merlin Projects Ltd., Belani Group** and **Orbit Projects Pvt. Ltd.**, travel companies like **Cirrus Adventures** and **Tour My India**, bamboo construction and bamboo product companies like **Go-Bamboos, Meera International, Manmayee handicrafts** and companies like **Navitus Controls, Cosmos Engineering Works, DB Products & Systems**, etc were present in the meetings. A total of **22 meetings** virtually were organised on this day.

29th October was the last day of the event on which, a total of **6 virtual meetings** were conducted. On this day, sanitaryware wholesalers like **Bengal Sanitations**, electrical goods wholesalers like **Ganguly Electricals**, construction companies like **Ambrus Construction**, travel and M.I.C.E companies like **Wizard Events** and **Sai Dot Com**, companies like **Viotech Electrical Pvt. Ltd.** were present in the meetings.

The event was witnessed live by a lot of visitors out of which The Bengal Chamber of Commerce & Industry coordinated and facilitated more than **150 visitors registration** and **viewing**. The companies and the viewers who took part in the event gained knowledge about the international markets and shared their thoughts with each other. The stakeholders of the 3-day expo were pleased with the efforts of TAITRA and The Bengal Chamber of Commerce & Industry to expand the trade relations between India and Taiwan, and wished for more such events in the future.



The Bengal Chamber Secretariat along with the team of Taipei World Trade Centre Kolkata and other stakeholders present at King's Bakery, Kolkata during the Opening Ceremony of Taiwan Expo 2021



The Bengal Chamber Secretariat at King's Bakery on the first day of Taiwan Expo 2021



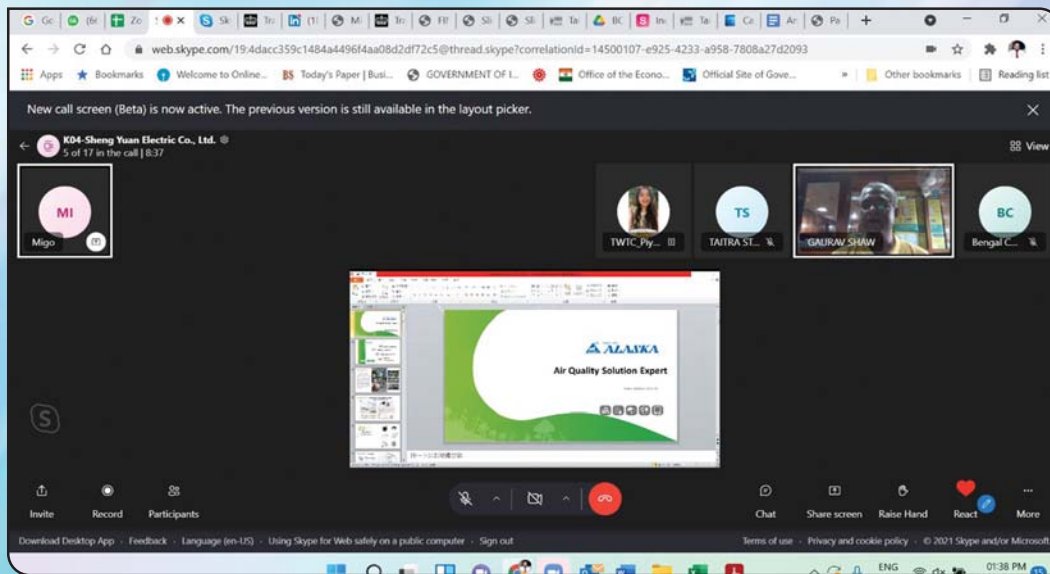
The Bengal Chamber Secretariat with Mr. Arup Bandhu Guha, Vice President, YANG MING LINE (INDIA) PVT. LTD. & Member, Shipping Committee, The Bengal Chamber of Commerce and Industry at King's Bakery on the first day of Taiwan Expo 2021



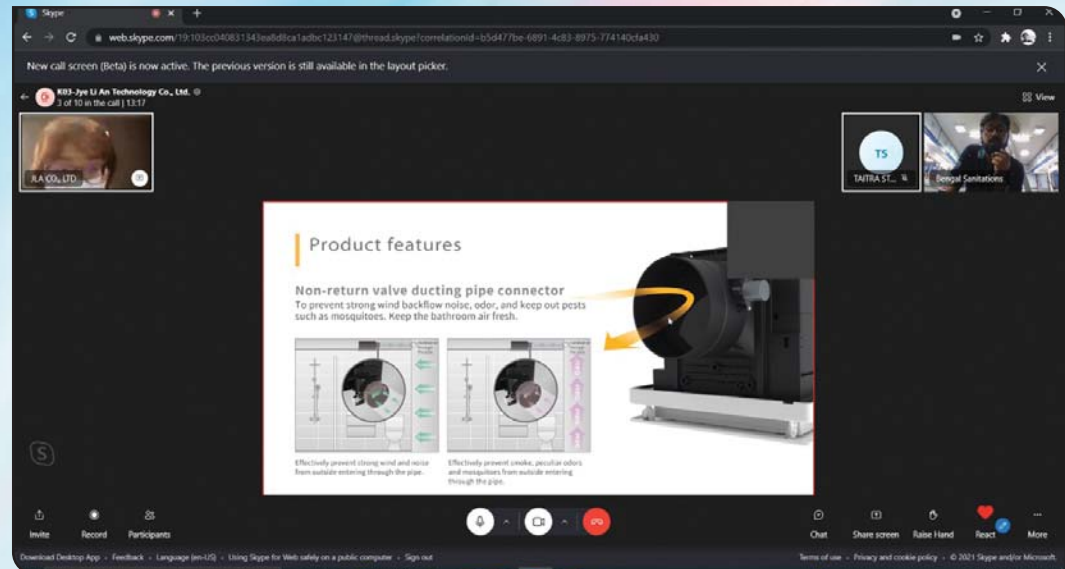
Meeting in progress



Meeting in progress



Meeting in progress



Meeting in progress



The Indian Companies visiting the virtual Exhibition

10th November 2021,
Green Zone of COP26 in Glasgow, UK. and
Kolkata Leadership at the Chamber Premises

“ACCELERATING ELECTRIC MOBILITY WITH GREEN JOBS AND GENDER PARITY”

The Bengal Chamber of Commerce and Industry has been granted approval for organizing a Panel Discussion on "Accelerating Electric Mobility with green jobs and gender parity" on 10.11.2021 at Green Zone of COP26 in Glasgow, UK.

This year's conference aimed to reach a consensus on **actions to keep global warming to 1.5 degrees Celsius (2.7 degrees Fahrenheit) above pre-industrial levels and to secure net-zero emissions by 2050**. At the heart of COP26, there were, **negotiations involving the 197 Parties to the UNFCCC**. The UK aimed to bring countries together to agree to a comprehensive, ambitious and balanced outcome that takes forward coordinated climate action and resolves key issues related to the UNFCCC, the Kyoto Protocol and the Paris Agreement.

As a socially responsible organisation, The Bengal Chamber took a pledge - "As a leading and relevant representative of businesses, governments, policy, institutions and civil society in general, The Bengal Chamber of Commerce and Industry is looking forward to working together with all stakeholders in realizing the goal of Zero Emission in the next few decades. We must all go faster and this is the motto that is driving us as we go ahead with this universal dream." said Mr. Subhodip Ghosh, Director General, The Bengal Chamber. It was released at a ceremony addressed by Mr. Alok Sharma, COP26 President.

The Bengal Chamber Team in Glasgow comprised of **Mr. Gautam Ray**, Senior Vice President, The Bengal Chamber of Commerce and Industry & Executive Director (HR & Admin) - CESC Limited & President (HR) – Power Group, RPSG, **Mr. Deb A Mukherjee**, immediate Past President, The Bengal Chamber and **Ms. Angana Guha Roy Chowdhury**, Director, Head of Operations, The Bengal Chamber.

Mr. Neil Spann, CEO, Power Roll Limited and **Mr. Don Scott**, Business Development Director, Power Roll Limited also joined the Delegation.

The Panel Discussions focused on the followings:

- *Kolkata's success story on E- vehicles in public transport*
- *Green Solutions for the city- Case study of New Town, satellite of Kolkata*
- *Implementation of low price green vehicles - Job creation through electric rickshaws and toto rickshaws*
- *Gender parity in e mobility*
- *More inclusion of EVs in public transport- focusing on infrastructure*
- *Financing of e-vehicles (including low price vehicles)*

Janab Firhad Hakim, Hon'ble Minister-in-Charge, Department of Transport, Government of West Bengal; Chairman, Board of Administrators, Kolkata Municipal Corporation and Chairman, WBHIDCO Limited was the Lead Speaker who joined virtually from The Bengal Chamber in Kolkata. **Mr. Arnab Basu**, Vice President, The Bengal Chamber of Commerce and Industry and Advisory Leader & Partner, PricewaterhouseCoopers Pvt. Ltd. along with **Mr. Manohar Bethapudi**, Head Growth & Corporate Strategy, Motovolt Mobility Pvt. Ltd. and **Mr. Apurva Sircar**, Head Marketing, Bandhan Bank Limited also joined from the Chamber.

Dr. Ajay Mathur, Director General, International Solar Alliance also took part in the panel discussion virtually.

Amongst others were **Shri Debashis Sen**, Chairman, New Town Kolkata Development Authority and New Town Kolkata Green Smart City Corporation Ltd, **Dr. Daniel Bradley**, Team Leader, Low Carbon Growth, British High Commission, India, **Mr. Subir Chakraborty**, President Designate, The Bengal Chamber of Commerce and Industry and Managing Director & Chief Executive Officer, Exide Industries Limited who also joined virtually.

There were audiences both at the Chamber in Kolkata and in Glasgow. This apart the programme was streamed online.



Janab Firhad Hakim, Hon'ble Minister-in-Charge, Department of Transport, Government of West Bengal; Chairman, Board of Administrators, Kolkata Municipal Corporation and Chairman, WBHIDCO Limited

PROGRAMME

"ACCELERATING ELECTRIC MOBILITY WITH GREEN JOBS AND GENDER PARITY"

**10th November 2021,
Green Zone of COP26 in Glasgow, UK. and
Kolkata Leadership at the Chamber Premises**



Shri. Debashis Sen, Chairman, New Town Kolkata Development Authority and New Town Kolkata Green Smart City Corporation Ltd



Dr. Ajay Mathur, Director General, International Solar Alliance



Mr. Gautam Ray, Senior Vice President, The Bengal Chamber of Commerce and Industry & Executive Director (HR & Admin.) - CESC Limited & President (HR) – Power Group, RPSG



Mr. Subir Chakraborty, President Designate, The Bengal Chamber of Commerce and Industry and Managing Director & Chief Executive Officer, Exide Industries Limited



Mr. Arnab Basu, Vice President, The Bengal Chamber of Commerce and Industry and Advisory Leader & Partner, PricewaterhouseCoopers Pvt Ltd



Mr. Deb A Mukherjee, Immediate Past President, The Bengal Chamber of Commerce and Industry; Managing Director, Cenergist Energy Private Limited (a UK company); Investor and Country Representative (India), Power Roll Limited, UK

10th November 2021,
Green Zone of COP26 in Glasgow, UK. and
Kolkata Leadership at the Chamber Premises

“ACCELERATING ELECTRIC MOBILITY WITH
GREEN JOBS AND GENDER PARITY”



Dr. Daniel Bradley, Team Leader, Low Carbon Growth, British High Commission, India



Mr. Neil Spann, CEO, Power Roll Ltd.



Mr. Manohar Bethapudi, Head Growth & Corporate Strategy, Motovolt Mobility Pvt Ltd



Mr. Apurva Sircar, Head Marketing, Bandhan Bank Limited



Ms. Angana Guha Roy Chowdhury, Director and Head of Operations, The Bengal Chamber emceed the Panel Discussion



Audience at The Chamber



The Bengal Chamber Delegation at COP26 in Glasgow

PROGRAMME

“ACCELERATING ELECTRIC MOBILITY WITH GREEN JOBS AND GENDER PARITY”

10th November 2021,
Green Zone of COP26 in Glasgow, UK. and
Kolkata Leadership at the Chamber Premises

ROUTEZERO
CLIMATE GROUP | 2030 GREAT BRITAIN

UN CLIMATE CHANGE CONFERENCE UK 2021

BCC&
THE BENGAL CHAMBER

Subhodip Ghosh
Director General
The Bengal Chamber of
Commerce and Industry

“
The Bengal Chamber of
Commerce and Industry is
committed to facilitate Net-Zero
Emission in Mobility Space by
Policy Advocacy and enabling
businesses to adopt Electric
Mobility by 2030 in Kolkata.”

Pledge, made by Mr. Subhodip Ghosh, Director General, The Bengal Chamber of Commerce and Industry

SESSION WITH HIS EXCELLENCY ANDRE ARANHA CORREA DO LAGO, AMBASSADOR OF BRAZIL TO INDIA

16th November 2021; Williamson Magor Hall,
The Bengal Chamber premises, Kolkata

The Bengal Chamber of Commerce & Industry organised two sessions with His Excellency Andre Aranha Correa do Lago, Ambassador of Brazil to India on Tuesday, 16th November 2021 from 4:00 p.m. onwards at Williamson Magor Hall, The Bengal Chamber premises.

His Excellency Andre Aranha Correa do Lago, Ambassador of Brazil to India visited The Bengal Chamber of Commerce and Industry, along with **Mr. Pradeep Khemka, Honorary Director and Treasurer of Consular Corps of Kolkata and Director, Khemka Group of Cos.** His Excellency addressed a round table meet on **“Built Heritage of Settlements around Kolkata”**. The programme started by showcasing a short film **“Europe on the Ganges”**, followed by a presentation on **“Architectural styles of Kolkata”** by **Mr. G M Kapur, Chairperson, Heritage Committee, BCC&I and State Convenor, INTACH** and another on **“Restoration of Danish Governor’s house in Serampore”** by **Ms. Gopa Sen, Proprietor, The Designers**, who has worked on restoration of Danish Governor House, Serampore.

The second session was an exclusive interactive session with His Excellency Andre Aranha Correa do Lago and senior members of the Chamber and representatives from various sectors like **IT, Energy and Environment, Mining, Engineering & Manufacturing, Agriculture and Rural Development, Culture and Heritage, Education, Health and Pharmaceuticals, Shipping, and Defence**, on **“Potential Bilateral Synergies between India and Brazil”**.

H.E. Lago tried to connect the similarities between Brazil and India, how both countries adopted an essential-centric economy that have boomed in the later years by efficiently producing its own essentials for the population, cheap and standard quality food, cars, clothing etc. Both of them are not competitors but are extremely complimentary to each other. He also mentioned about India’s incredible revolution as the world leaders in the sectors of IT and Pharma.

His Excellency shared his views on how Brazil and India can work together on aspects of reducing GHG emissions, water

**16th November 2021; Williamson Magor Hall,
The Bengal Chamber premises, Kolkata**

**SESSION WITH HIS EXCELLENCY ANDRE ARANHA
CORREA DO LAGO, AMBASSADOR OF BRAZIL TO INDIA**

conservation as Brazil brought a revolution in agri-tech, using innovative techniques that give the information about the right use of fertilizers and reduction in the use of chemicals. The Brazilian Ambassador was very keen to establish stronger ties between Bengal and Brazil, remembering the emotional connect of Football, especially admirers of Pele and supporters of the Brazilian national football team here in the lands of Bengal. His Excellency also announced that the Brazilian Embassy in India is going to organise a Large quiz on football with the schools of Kolkata, New Delhi. For which they are planning to bring Zico to India for the finals of that quiz. He

tried to emphasize that India has a great scope in the Brazilian market for investments and collaborations. His Excellency concluded the session with the message that for both countries bilateral trade, joint ventures will be beneficial and as Brazil is working on technologies that bring social justice, India can adopt these and can work jointly towards sustainable economic development.

The programme was supported by G S Marketing Associates. It was widely appreciated by all the senior members of The Bengal Chamber and was well covered by media.



Mr. Subhodip Ghosh, Director General, BCC&I welcoming His Excellency Andre Aranha Correa do Lago, Ambassador of Brazil to India along with Mr. Pradeep Khemka, Honorary Consul, Consulate of Brazil, Honorary Director and Treasurer of Consular Corps of Kolkata and Director, Khemka Group of Cos



(From L-R) Ms. Gopa Sen, Proprietor, The Designers, Mr. G M Kapur, Chairperson, Heritage Committee, BCC&I and State Convenor, INTACH, His Excellency Andre Aranha Correa do Lago, Ambassador of Brazil to India, and Mr. Pradeep Khemka, Honorary Director and Treasurer of Consular Corps of Kolkata and Director, Khemka Group of Cos



His Excellency Andre Aranha Correa do Lago, Ambassador of Brazil to India addressing the media



Mr. Abraham George Stephanos, President, The Bengal Chamber of Commerce and Industry delivering the Welcome address

PROGRAMME

SESSION WITH HIS EXCELLENCY ANDRE ARANHA CORREA DO LAGO, AMBASSADOR OF BRAZIL TO INDIA

16th November 2021; Williamson Magor Hall, The Bengal Chamber premises, Kolkata



Mr. Pradeep Khemka, Honorary Director and Treasurer of Consular Corps of Kolkata and Director, Khemka Group of Cos. delivering Special address



Mr. Abraham George Stephanos, President, BCC&I, presenting memento to His Excellency Andre Aranha Correa do Lago, Ambassador of Brazil to India



(From L-R) Mr. G M Kapur, Chairperson, Heritage Committee, BCC&I and State Convenor, INTACH, Mr. Abraham George Stephanos, President, BCC&I, His Excellency Andre Aranha Correa do Lago, Ambassador of Brazil to India, and Mr. Pradeep Khemka, Honorary Director and Treasurer of Consular Corps of Kolkata and Director, Khemka Group of Cos



Mr. Abraham George Stephanos, President, BCC&I, presenting memento to Mr. Pradeep Khemka, Honorary Director and Treasurer of Consular Corps of Kolkata and Director, Khemka Group of Cos



Interactive session on "Potential Bilateral Synergies between India and Brazil" undergoing.

25th November 2021 **TAIWAN TRADE MISSION 1-ON-1 ONLINE MEETING**

Taipei World Trade Centre, Kolkata (TAITRA), in association with The Bengal Chamber of Commerce and Industry (BCC&I), organized Taiwan Trade Mission 1-on-1 Online Meeting on 25th November 2021.

The objective of the programme was to organize dedicated B2B Meetings between the Taiwanese Companies from various industrial sectors, such as, air purifier, medical equipments, chemicals and materials, automobile parts, to name a few and Indian Counterparts to develop bilateral trade relations between India and Taiwan and widen the connection between the two countries, both economically and culturally.

Few prominent Taiwanese companies, present in the meeting:

- HER SHINE PRECISION TECHNOLOGY CO. LTD
- JIMMAO INTERNATIONAL CORP.
- EVERFOCUS ELECTRONICS CORP.

Through some intense secondary market research, The Bengal Chamber of Commerce & Industry (BCC&I) was able to connect with around 90 Indian units located across India and organized a total of 30 one-to-one B2B meetings with some eminent Indian Companies, such as

- Asian Security & Fire Systems Limited
- Cadillac Engineering Works
- Ecoair
- Infoage Technologies Pvt Ltd
- IVL Dhunseri Petrochem Ind Pvt Ltd
- Garg Chemicals
- Omsys India
- Saicom Technologies
- Smartlock International
- Technomax Corporation
- TCE Enterprises Pvt Ltd



The Bengal Chamber Secretariat with the Taipei World Trade Centre Kolkata (TAITRA) team at King's Bakery on the day of the programme

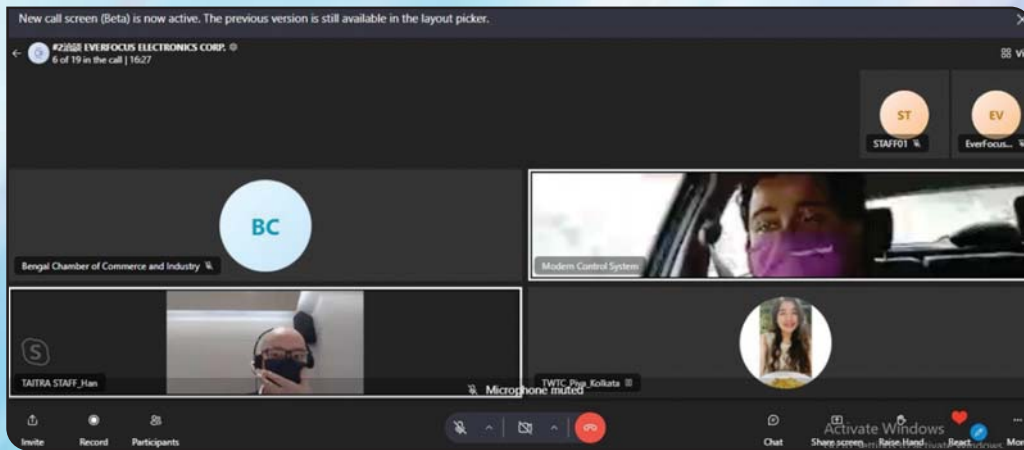


The Bengal Chamber Secretariat at King's Bakery on the day of the programme



Virtual Meeting in progress





Virtual Meeting in progress

UPCOMING PROGRAMME

Training Session for ABP on Indian Accounting System, Finance & Taxation, 8th, 15th, 22nd, 29th November, 6th, 13th, 20th, 27th, December 2021, 3rd, 10th, 17th, 24th, 31st January, 7th, 14th February 2022, Online Platform

Discussion Forum on Ecological Sustainability in the Industrial Region in Haldia 2021, 30th November 2021, Virtual Platform

Round Table Conference aiming to create better synergy between skill requirements and enhanced employment between industry and the vocational education system in West Bengal, 3rd December 2021, Phygital

Minerals, Mining & Metals e-Conclave, 9th & 10th December 2021, Online Platform

The Entrepreneurship Conclave 2021 - North Bengal Edition, 11th December 2021, Treebo Tryst Blue Mountain Club and Resort, Siliguri

Health Economic Summit - the fourth edition of the Economic Summit 2021 (Theme : Health for Development) and the fifth edition of HealthTech (Theme: Tech for Saving Lives), 16th & 17th December 2021, Williamson Magor Hall, The Bengal Chamber premises & Virtual

The Winter Contest, 18th December 2021, Online Platform

e-seminar on Impact Economy, 18th December 2021, Virtual Platform

Colloquium on Direct & Indirect Taxes, 7th January 2022, Online Platform

Seminar on GST And Its Implication on Trade & Business (With sector-wise analysis on EPC Contract, Works Contract, Real Estate, Hospitality, Education Sectors & Trusts), 13th January 2022, Williamson Magor Hall, The Bengal Chamber premises

Infrastructure E-Conclave, 20th January 2022, Virtual Platform

International Trade E-Conclave, 21st January 2022, Virtual Platform



ASANSOL ENGINEERING COLLEGE

NSS Activity at Old Age Homes: November 19, 2021:

The necessity for mental support to senior citizens in India has increased lately due to the augmented loneliness, ill-treatment and suffering older people have to endure after they become incapable and helpless. The scenario is more grim in the sub-urban areas where social distancing due to migration of children to metro cities leaves the aged incapable parents desolated and estranged, leading to several mental health issues.

The NSS unit of Asansol Engineering College frequently organises visits to old age homes in the out skirts of the city with the objective of sharing some happy moments with these deserted senior citizens who hanker for the company of their children and grand children.

One such endeavour was the visit to the PRANTIK OLD AGE HOME at Dhakeswari, a place almost in the outskirts of the city. The day was spent as a picnic with the residents of the old age home.

The endeavour was not only to inculcate a sense of happiness among the residents but more importantly to inculcate the sense of duty and responsibility among the staff members and students of our college so as to develop them as socially responsible citizens of the world.



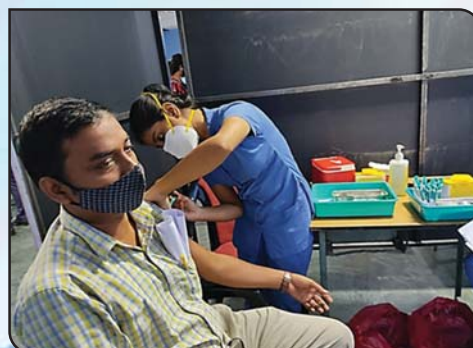
Mass Vaccination Drive (Phase II): 11 and 12 November, 2021

Free of Cost Mass Vaccination Drive (Covishield) in collaboration with CMRI, Kolkata was organised in two phases (for first and second dose) for the teachers, staff, students, alumni and their family members along with a large number of people from the locality, the schools and colleges of Asansol. The second phase was organised on 11th and 12th November. A large number of teachers and staff were involved in this noble venture who worked day and night relentlessly in order to make this grand event a great success. The event was graced by the auspicious presence of Minister Sri Moly Ghatak, Swamiji from Ramakrishna Mission Asansol, and many other delegates.

A total of almost 4000 vaccinations for second dose was administered. A rough estimate of the vaccinations administered in the second phase are as follows:

People between 18 to 44 years: 656
 People between 45 to 59 years: 190
 People above 60 years: 68

The event was conducted as a service to community in order as an endeavour to join in our final fight against the deadly pandemic that had disrupted the lives of so many people. The Mass Vaccination drive that was conducted in two phases was to ensure that none of the faculty, staff, student or alumni members along with their family fall prey to the fatal clutches of Covid 19. The Mass Vaccination Drive, organised in two phases for first and second dose, was also a safety measure taken before going back to the normalcy. It was indeed a great judicious decision on behalf of JIS Group to organise the vaccination drives successfully before the re-opening of the schools and colleges. The entire event was organised maintaining social distancing and all the necessary covid protocols.



NEWS FROM THE JIS GROUP



Guru Parab: November 19, 2021

Asansol Engineering College celebrated 552nd Birth Anniversary of Sri Guru Nanak Dev ji on 19th November 2021 where we have started the program with the First form of Gurbani 'Japji Sahib' as recited by Guru ji and followed by Ardaas to finish the worship.



With the Principles of Guru Nanak ji to serve the society, we have served the students, staffs and people residing nearby with the Prasad distribution Sewa outside our Campus where we have received lots of blessing from all.



Motivational Talk on Entrepreneurship: November 13, 2021:

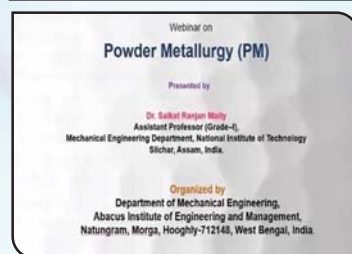
The Entrepreneurship Development Cell of Asansol Engineering College organised a Motivational Session by one of the distinguished alumni and a successful entrepreneur, Mr. Sourav Rakshit on Saturday, 13th November, 2021 so as to inspire the young and budding technocrats to harness their entrepreneurial interests and skills.

The session was attended by a large number of students who were extremely interactive and was wonderfully coordinated by the Entrepreneurship Development Cell of AEC.

ABACUS INSTITUTE OF ENGINEERING AND MANAGEMENT

“National Unity Day”: 30.10.2021

The Department of ECE of Abacus Institute of Engineering celebrated “National Unity Day’ on the birth anniversary of Sardar Vallabhbhai Patel on 30th October 2021. Students of this department conveyed their salute and respect to Iron man of India by different social works like offering food and new clothes to the underprivileged families.



Webinar on "Powder Metallurgy (PM)": 03.11.2021

Department of Mechanical Engineering had organized a Webinar on the topic " Powder Metallurgy (PM)" on 03rd November, 2021 from 12:00 Noon onwards through google meet platform. The speaker of this session was Dr. Saikat Ranjan Maity, assistant professor of National Institute of Technology, Silchar. The main focal area of this webinar was mainly on powder metallurgy processing such as powder fabrication, chemical homogeneity etc. Students have also acquired some knowledge about mechanical alloying of smaller particles, mechanical communication to obtain fine particles and gas atomization method. Moreover, the webinar was very much enriched with resources and helpful for both the students as well as faculties.



NEWS FROM THE JIS GROUP



RANGOLI DESIGNING: 04.11.2021

The ECE Department of Abacus Institute of Engineering and Management had organized a Rangoli designing ceremony on 4th November to celebrate the prestigious event of Kali Puja. Students were asked to design Rangolis in their home. All the students heartily participated in this event and have successfully flaunted their artistic charisma through excellent presentation of Rangolis. The entire event was organized through google meet



INDUSTRIAL VISIT: 12.11.2021

The ECE Department of Abacus Institute of Engineering and Management had organized an industrial visit to MSME Central Tool Room and Training Centre, Bonhoogly, Kolkata on 12th November, 2021. The students were briefed and familiarized about the advance computer networking in the recent era, industrial automation, PLC and their various application, VLSI and embedded system, IoT. After finishing lunch the students were taken on industrial tour where we saw various types of machines, raw materials and manufacturing processes. First,

we were taken to Samsung. Lab. That was something really amazing for us. All the equipment & devices were based on latest technologies. Most importantly, the entire visit was conducted by maintaining all the covid protocols.

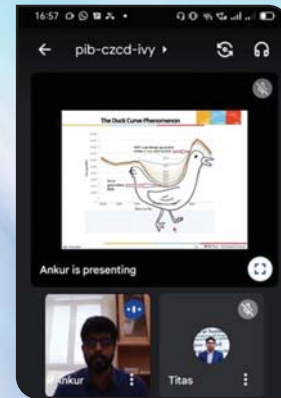


Webinar on Integration of Solar Power Plants with the Power Grid: Technological Challenges and Mitigation: 17.11.2021

Department of Electrical Engineering had organized a Webinar on Integration of Solar Power Plants with the Power Grid: Technological Challenges and Mitigation on 17th November, 2021 from 4 P.M onwards. The speaker of this session was Dr. Ankur Bhattacharjee, assistant professor of Electrical and Electronics Engineering at Birla Institute of Technology & Science, Pilani (Hyderabad Campus). Dr. Bhattacharjee discussed about all the possible points related to the topic. He started with discussing about the working principle and

constructional details of solar cell. Then he discussed about various connections of solar cell by which solar array, solar panel etc. are made. After that, Dr. Bhattacharjee started his explanation with real life examples associated with various pictures. The students were very much interested as they were witnessing various real life examples, problem solving and much more. Dr. Bhattacharjee advanced his way through the topic fluently, stating and explaining each and every point thoroughly. The webinar then ended with a vote of thanks to the speaker. Everyone was enriched and beneficial with such a resourceful discussion.

NEWS FROM THE JIS GROUP



Guru Nanak Jayanti: 19.11.2021

Abacus Institute of Engineering and Management, Natungram, Mogra, Hooghly had celebrated 552nd Guru Nanak Birth Day on 19.11.2021 at the Seminar Hall of this esteemed institution. Faculty, Staff & Students were present in this prestigious occasion. The programme started with the lamp lightening ceremony and carried forward with the holi prayer. The entire college building was decorated with lights on the eve of this gracious occasion.



GREATER KOLKATA COLLEGE OF ENGINEERING AND MANAGEMENT, BARUIPUR

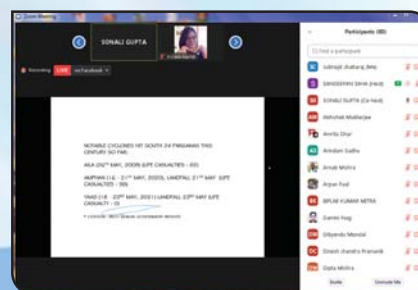
It feels immense pleasure to inform you that the Department of Civil Engineering of Greater Kolkata College of Engineering and Management has successfully celebrated "World Town Planning Day" on November 8, 2021, by organizing a webinar on "Disaster Management: An Important Parameter of Town Planning (South 24 Parganas, The Unfortunate One)" at 4 pm onwards. The speaker of this webinar was Ms. Sonali Gupta, Sr. Architect, Kalpana Consultant Pvt. Ltd.

The Mechanical Engineering Department of Greater Kolkata College of Engineering and Management with NDLI Club of GKCEM has organized a webinar for "National Education Day" celebration on "Advanced Welding Methods in Modern Mechanical Industry" on Thursday 11th November, 2021 from 04:00 PM onwards over Google Meet Platform. The program was inaugurated by Mr. Rajarshi Chakraborty, HOD of ME Department, GKCEM. The technical session was chaired by Prof. (Dr.) Gopinath Thirunavukarasu, Assistant professor, School of Mechanical Engineering Of Dr. Vishwanath Karad MIT World Peace University.

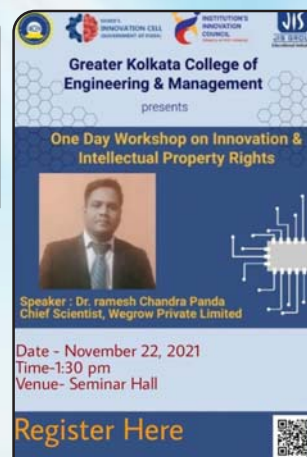
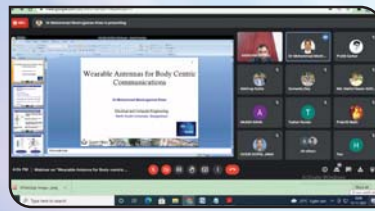
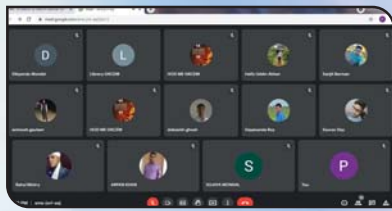
The Webinar on "Wearable Antenna for Body-centric Communications" was organized on 15th November 2021 at 4.00 pm (IST) by the Department of ECE, Greater Kolkata

College of Engineering and Management. The eminent speaker of the Webinar was Dr. Mohammad Monirujjaman Khan, Associate Professor, Department of Electrical and Computer Engineering, North South University, Dhaka, Bangladesh.

We are very pleased to share that Greater Kolkata College of Engineering & Management and Wegrow Private Limited has signed MoU on 22.11.2021 at the institute premises. This program was under the mutual obligations envisaged in the MoU between Wegrow Private Limited and Greater Kolkata College of Engineering & Management. The session was graced by speaker Dr. Ramesh Chandra Panda, Chief Scientist, Wegrow Private Limited, Odisha, Where he spoke about the challenges of Research & Development in the field of Engineering and how young graduates can take up their career in this segment.



NEWS FROM THE JIS GROUP



GURU NANAK INSTITUTE OF HOTEL MANAGEMENT

The following events were conducted in Guru Nanak Institute of Hotel Management :

1. Traditional Cake Mixing Ceremony : 15th Nov 2021

Christmas is round the corner and cake mixing is no longer confined to the traditional Christian household, it has now become a festive event across India. Guru Nanak Institute of Hotel Management, A part of JIS Group, began its preliminary Christmas celebration with the traditional cake mixing ceremony on November 15. But amidst the COVID-19 pandemic this year, the celebration was an intimate affair with limited guests from the Hospitality Industry and Schools, unlike the previous years. In order to ensure safety, the cake mixing ceremony was conducted in the highly sanitized Banquet Hall at GNIHM while maintaining the highest levels of safety and hygiene. Faculty members and students of GNIHM participated in the event.

Photographs enclosed

2. GNIHM Achievers Day :

To acknowledge the 'go-getter' attitude of our students, for the very first time, GNIHM organized The Achiever's Day 2021 on 15th November 2021. Achievers' day was organized in GNIHM Campus for honouring the outstanding students who excelled in the field of Academics , Cultural, Sports, Attendance and other Extra Curricular Activities. etc conducted from Intra to Inter college level. Along with the students, Faculty members and Non Teaching Staff were also recognised and appreciated for their contribution. Congratulations to all the winners.

Photographs enclosed

3. 552nd Guru Nanak Jayanti Celebration at GNIHM :

Sikhism is one of the major religions of the world, spread over a number of countries. One of the most important Sikh festivals is Gurupurab which usually marks the celebration of an anniversary of a Gurus birth. To mark the 552nd birth anniversary of Guru Nanak ji, the Founder of Sikhism, the Students, Faculty and Staff members of Guru Nanak Institute of Hotel Management organized the 552nd birth of Guru Nanak Sahib with great zeal.

The programme started with reciting of Japji Sahib followed by "Ardass" and distribution of traditional "Kadah Prasad".



NEWS FROM THE JIS GROUP



GURU NANAK INSTITUTE OF PHARMACEUTICAL SCIENCE AND TECHNOLOGY

157/F Nilgunj Road, Panihati, Sodepore, Kolkata - 700114

MAJOR EVENTS / HAPPENINGS

MONTH OF SEPTEMBER

One week online workshop on ashtang yoga:

Event Organised by Yoga and Meditation Club of Guru Nanak Institute of Pharmaceutical Science and technology in Collaboration with Shree Shivcrupananda Swami Foundation from 20.09.2021 to 25.09.2021. About 100 online participation in google meet form students were documented. Programme was live telecasted on face Book, there were about 1.2 k views.



MONTH OF OCTOBER 2021

Sports Activity:

The Sports club of Guru Nanak Institute of Pharmaceutical Science and Technology organized GNIPST QUIZ TRIVIA, Aninter school/ college quiz competition on Tokyo Olympics 2020. The program started with a welcome address to the participants of the competition from different colleges, all the faculty members, students and members of the club by Ms. Moumita Chowdhury, Assistant Professor and secretary of Sports Club of GNIPST. This followed with a tribute to our legendary leader, Mahatma Gandhi and then the rules and regulations for the quiz competition were briefed.

The quiz was conducted online via google meet with three rounds which kept them engaged for one and half hour. Jasleen Kaur, joint secretary of Sports club started the quiz competition

with selected 12 teams in round 1, out of which 8 teams succeeded in reaching round 2. It showed tough competition between the teams and finally 5 teams reached round 3. Ten seconds time was given to each question and it was reflected by a timer on the screen. The students enthusiastically participated and showcased their brilliance by rapidly answering the questions. Though some of the questions were very tricky, the students answered them with confidence. In between the rounds, the audience were kept engaged by sharing questions to them as well as by sharing interesting facts and information about Babuji, Neeraj Chopra and Mirabhai Chanu. Before the declaration of results, a feedback cum attendance link was given to all the participants. The program came to an end with a thanks giving note to all the members present and finally ended with national anthem. The Event was also live streamed on Facebook.

Recording link of the program:

<https://drive.google.com/file/d/1AtjX3X0mNMBdHDpp5KN>

NEWS FROM THE JIS GROUP



GIGZTah-S6cRe/view?usp=sharing

Winners of Quiz Competition are:

First: Three Quizzards of Oz

1. Ayush Roy 2. Debdeep Pramanik 3. Debobrata Halder,
B. Pharm 3rd year students, Guru Nanak Institute of
Pharmaceutical Science and Technology

Second: GodLike

1. Hrishit Majumder 2. SkAbdur Rahim 3. Subhajit Patra
B. Pharm 2nd year students, Guru Nanak Institute of
Pharmaceutical Science and Technology



Third: The Unity

1. SIDDHARTHA SADHUKHAN 2. SOVON
KUMAR DAS 3. SRIPARNA DAS BHAYA

B. Pharm 2nd year students, Guru Nanak Institute of
Pharmaceutical Science and Technology

Award of appreciation

Gitanjali Sport Association

1. Ankit Ghanti 2. Jeet Kumar Nayek 3. Suvadip Nandi,
B.Sc 2nd yr student, Raja Peary Mohan College; B.Pharm 2nd
year students, Gitanjali college of Pharmacy.

PHOTOGRAPHY COMPTITION:

Photography Club of GNIPST organized a online photography
Competition "DURGA PUJA FRAMED" on 17.10.21. About 85
online participation in google meet form students were
documented. Programme was live telecasted on face Book,
there were about 1.5 k views.

Winners are:

NILADRI DEY,GNIPST- 1st

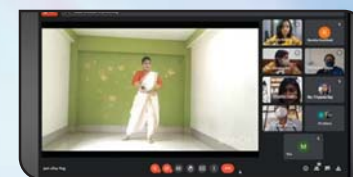
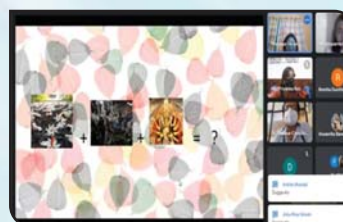
SHUBHAM MUKHERJEE,GNIPST- 2nd

RANA CHAKRABORTY,GNIPST – 3rd



POST PUJA CELEBRATION (SHRADDHA 2K21)

GNIPST cultural club celebrated post puja celebration
SHRADDHA 2K21, Students and faculty members actively
participated in the programme on 25th October 2021. About
100 participants joined the programme in Google meet
platform and about 1.5k views and more than 25 shares were
there in facebook live.



MONTH OF NOVEMBER 2021

Commencement of Physical Classes

As per West Bengal State Government notification the physical
classes started from 16th November, 2021. To maintain social
distancing students have been called to the institute for
practical classes only with 50% of student strength.

Orientation and Induction Program for 1st year

Students of 1st year were invited for orientation program on
17th November in two different sessions with 50% student
strength in each session. Students were addressed by the
Head of the Department, Dr. Sumana Chatterjee, who apprised
them about the scope of Pharmacy. The principal of the
Institute, Prof. Lopamudra Datta motivated the students with
her inspiring lecture and informed them about the exceptional

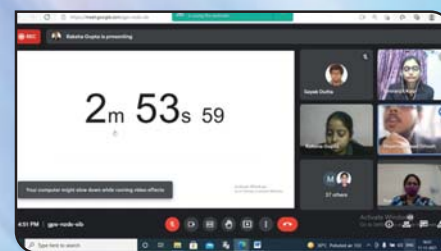
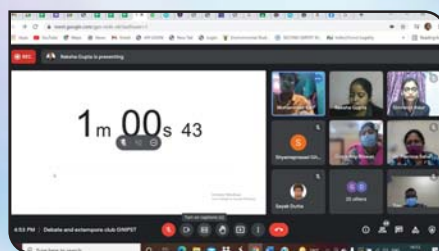
NEWS FROM THE JIS GROUP



academic and extra-academic facilities available at the institute for their development. Prof. Abhijit Sengupta, Director of the institute highlighted about the importance of ethics and morality in the development of individual and their success in life. The students also had an opportunity to visit the infrastructural facilities after the opening session. The two week long induction program follows the orientation program.

Quiz competition

GNIPST Debate and Extempore club organised WAR OF MIND, Intra College Quiz competition. Students and faculty members actively participated in the programme, About 100 participants joined the programme in Google meet platform and about 1.5k views and more than 20 shares were there in facebook live.



PAINTING COMPETITION :

Litery and painting club of Guru Nannak Institute of Pharmaceutical Science and Technology organized an online intra college painting Competition Wings of Imagination on 12th

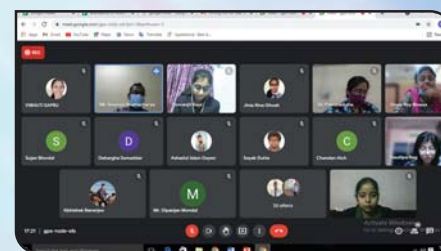
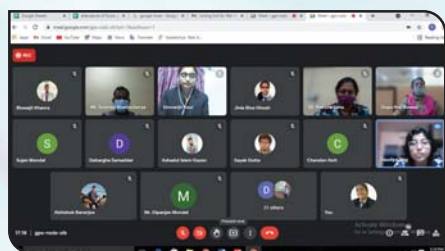
November 2021. 25 participants Join the live programme in one hour live painting compition. Faculty members and Judges also join in online mode. Programme was live online through GNIPST official facebook page. About 1k view and 15 share recorded on the day.



QUIZ COMPETITION:

Quiz Club of Guru Nanak Institute of Pharmaceutical science and Technology organized an online quiz competition IN-QUIZ-

ITIVE on 13th November 2021. About 100 participants joined the programme in Google meet platform and about 1.5k views and more than 20 shares were there in facebook live.



GURU NANAK INSTITUTE OF TECHNOLOGY

(1)

Guru Nanak Institute of Technology got the coveted opportunity to act as the **only Nodal Centre in Eastern India** to organize **First Eastern Regional Conclave of Student's Chapters of the Institutions of Engineers (India), 2021-2022** on **"Role of Budding Engineers in Smart and Sustainable**

Technologies" under the aegis of **All India Student's Committee.**

To promote this, the conclave hosted a range of knowledge enhancing events like **Research Paper Publication; Symposium, Model Display: Ideathon; Bit-2-Byte: Coding Competition; Photography and Short Films; between 29th-30th October, 2021.**

NEWS FROM THE JIS GROUP



More than 1000 students from various colleges registered for the gala Student Conclave, which offered wonderful opportunities for science and technology.

The Inauguration Programme, on 29th October 2021, held at the campus of Guru Nanak Institute of Technology, marked the gracious presence of expert speakers and delegates who shared their invaluable knowledge.

Welcome address was delivered by Hon'ble Principal, GNIT, Prof. (Dr.) Santanu Kr. Sen. The students were addressed by

Dr. S.M. Ali, Director (Membership) Institutions of Engineers (India); and Chief Guest, Dr. Enti Ranga Reddy, Chairman, All India Students' Committee, Council Member, Institution of Engineers (India).

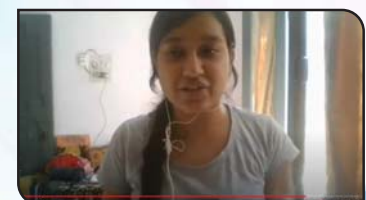
Dr. Barnali Kundu, HOD, Electrical Engineering, Convenor of the Conclave addressed the august gathering. The Vote of Thanks was proposed by Dr. Sunipa Roy, HOD, Electronics & Communication Engineering.



(2)

The Department of Applied Science & Humanities organized the Induction Programme for 1st Year students (2021 Batch) during 1st and 15th November. The students were oriented with the the "Know your college" session on Day 1. The students were delighted to attend the Session of Padmashree Prof. (Dr.) Ajay Kumar Ray on 2nd November 2021. Day 3 offered NSS Activities for the students by NSS SFU @ GNIT.

Day 4 encompassed the Session on "Stress Management" by Ms Srishti Saha. Day 5 encompassed the students with Group Discussion and Debate Sessions. Day 6 was activity based as students were involved with Creative Writing and Poster Making. Day 7 offered the students with the Session by Dr. Debiprosad Duari, titled "A Cosmic Voyage". Day 8 offered handshaking session in the form of Alumni Meet and Industry Mentor Meet. On 15th Nov the students highly enjoyed the Talent Hunt Session.



NEWS FROM THE JIS GROUP



(3)

NSS Unit (SFU) @ GNIT participated in 'Clean India Campaign' during 25th - 30th October, 2021. The activity, initiated by Programme Coordinator, MAKAUT, WB, witnessed enthusiastic participation by the student volunteers of GNIT

NSS Unit (SFU). More than 50 volunteers participated in the campaign against single-use plastics. They actively collected single-use plastics in their respective areas and discarded them. They also made awareness posters against single-use plastics.



(4)

Department of Computer Science and Engineering @ GNIT, in collaboration with Aspirevision Tech Education Pvt. Ltd. under IE Chapter organized a one day webinar on 'Machine

Learning and their Scope' on 13th November, 2021. The session was facilitated by Mr. Archit Verma, Sr. Trainer, Aspirevision Tech Education Pvt. Ltd.



NEWS FROM THE JIS GROUP



(5)

Department of Food Technology @ GNIT had organized **Online Parent-Teacher Meeting** on **8th and 9th November 2021**, for **2nd and 3rd year** respectively. The **3rd and 5th semester FT Students** and their **Guardians** participated in the meeting. The parents appreciated the initiatives taken by the FT Department for **regular online classes** and

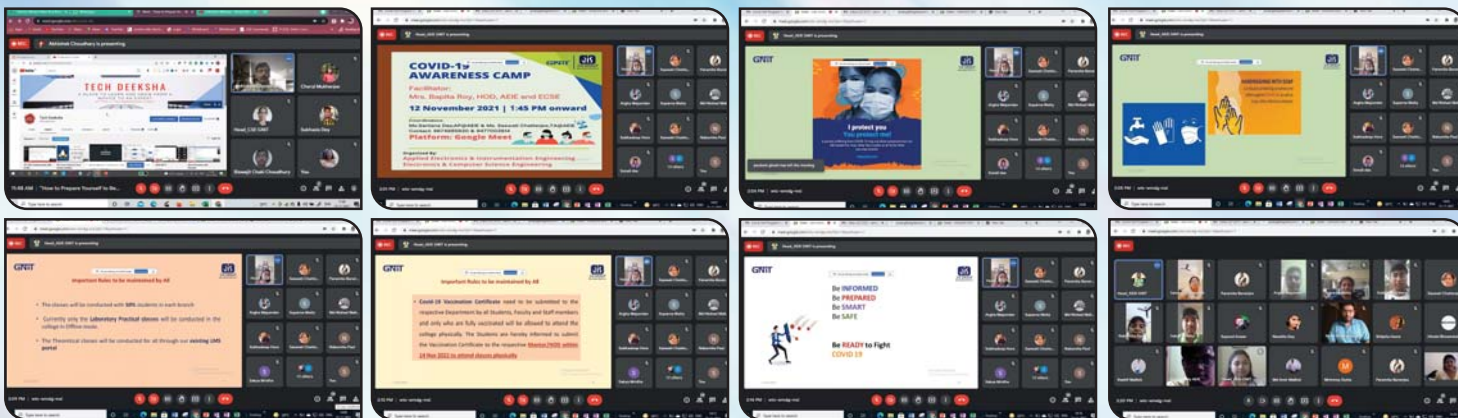
the all-round development of their wards through **video lectures and laboratory videos** that help the students. **Dr. Kakali Bandyopadhyay, HOD, FT** motivated the students to prepare for examinations and assured the students to provide with assistance. The PTM was **coordinated by the mentors, faculty and staff members of Food Technology Department.**



(6)

Department of Applied Electronics & Instrumentation Engineering and Department of Electronics & Computer Science Engineering @ GNIT organized virtual “**COVID 19 Awareness Programme**” for the **students of B.Tech, AEIE & ECSE** on **12th November, 2021**, on **Google Meet**. At the outset, the facilitator **Ms. Bapita Roy, Head of the Department**, briefed the **history, causes, symptoms and measures to prevent Covid-19**. She also discussed the **reopening of the**

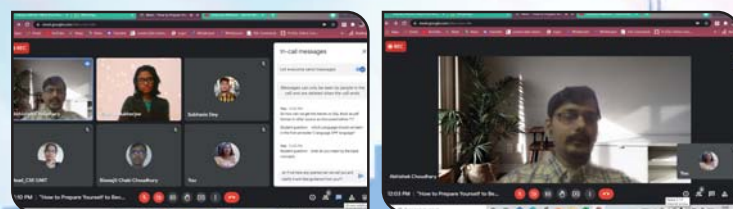
College for **offline classes from 16 November**, as per the directives of the West Bengal Government. She also briefed about the **Do’s & Don’ts** for attending the Physical Classes as per the guidelines of College as well as West Bengal Govt. **All the Students** of the Department **attended** the awareness Session along with the **Faculty Members and Technical Assistant** of the department. The Head of the Department addressed the doubts of the students and the event concluded with the **Vote of Thanks**.



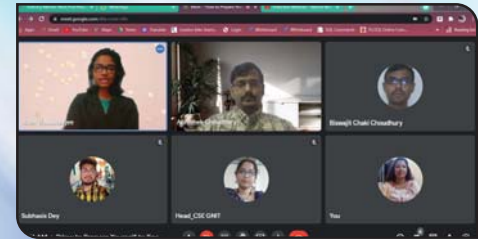
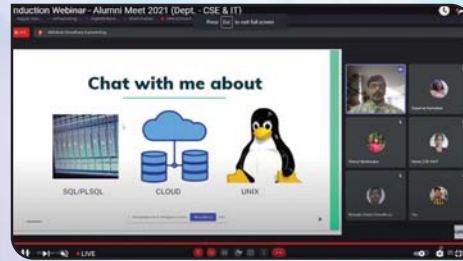
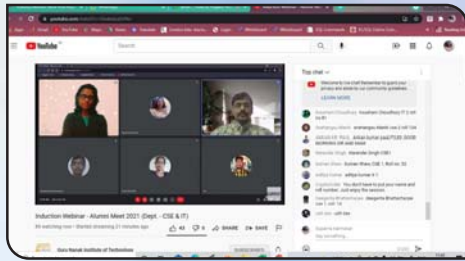
(7)

Department of Information Technology and Department of Computer Science and Engineering @ GNIT organized “**Alumni Meet**” as part of **1st year B.Tech. Induction Program** on **13th November, 2021**, on **YouTube Channel of GNIT**. The resource person of the programme, **Mr. Abhishek Choudhary, Alumnus of Dept. of IT**, is currently associated with **TCS**, and has previously worked with **Versicle Solutions, Vodafone and CMC**. He has also authored “**Hands on SQL**” – a book related to digital data handling. The program was **inaugurated by Dr.**

Sangeeta Bhattacharya, HoD, CSE and by **Dr. Moumita Das, HoD, IT**. The speaker, in the interactive session, addressed topics like **employment, higher study options, research, entrepreneurship, and so on.**



NEWS FROM THE JIS GROUP



JISCE

● Alumni Association Diwali Meet – 3rd Nov'21

Alumni Association of JIS College of Engineering organized “Lighting Life” – A Pre-Diwali Celebrations with the Housekeeping Team of JISCE on November 3, 2021.

The objective of the program was to light the lives for those who have given their efforts in keeping the campus green & clean and also to thank and felicitate each one them with a token of gratitude.

At the onset of the programme, a one minute silence was observed in the memory of our beloved ‘Malichacha’ who had left for his heavenly abode a few months back.

Total 91 housekeeping staff members were felicitated. With the contributions and constant support of the members of the Alumni Association of JIS College of Engineering, Kalyani,

the programme reached its success and objectives. Each housekeeping staffs were handed a packet of sweets & candle. Alumni across the batches felicitated the housekeeping team

The program ended with Vote of Thanks.



● Manabikta – Social Responsibility towards Community Development

The basic needs of human beings are food, shelter, and clothing. Crores of people are living far below the poverty line, lacking basic necessities. Many poor people, whose life is daily struggle, cannot afford even these basic amenities.

Department of Electrical Engineering of JIS College of Engineering had taken a small initiative to put a smile on those struggling faces of street children and backward families in Kalyani and surrounding areas by distributing clothes which marked the beginning of a new horizon in society. 197 numbers of clothes were distributed to street children and financially backward families. The convener of the auspicious program was Basudeb Dey, assistant professor of the department of Electrical Engineering & co-convener was Sanjoy Das Jr. technical assistant of the Department of Electrical Engineering. The team was formed with faculty, technical assistant and student of the Department of Electrical Engineering. The

members were Biswamoy Pal, Sudip Das, Milan Sasmal, Sanjay Das Sr. Sribas Sarkar, Partha Das & some students of B.tech 2nd year EE. Dr. Partha Sarkar, Principal of JISCE and Dr. Papun Biswas, HOD of the Department of Electrical Engineering appreciated all the members of the EE department for this initiative and also encouraged them for continuing such programs.

Thus, the Department of electrical engineering of JIS College of Engineering celebrated this Diwali in a different way with a heart of peace.



NEWS FROM THE JIS GROUP



● International Conference – 28th & 29th Oct'21

International Conference on Smart Technologies for Sustainable Development (ICSTSD 2021) held during 28th - 29th October 2021. The main objective of this conference is to bring research scholars, persons from industry and academia to a common platform for sharing their works and thoughts in the development and applications of smart technologies. The conference starts at 10 am with the welcome word by Prof. Partha Sarkar – Principal, JIS College of Engineering followed by an Address from Dr. Sila Singh Ghosh, VP-CR, JIS Group. After that Dr. Indranath Sarkar – Convener briefed about the Conference. Successively Thematic Address delivered by Guest of Honor Prof. Ajay Kumar Ray– 'Padma Shri' on "Science and technology for Survival of Civilization" followed by another Thematic Address on "Towards Explainable Analytics for Sustainable and Responsible Machine Intelligence" delivered by PROF. CATARINA PINTO MOREIRA of Queensland University of Technology, Australia. Digital Inaugural Session Hosting done by Mr. Tanmoy Dutta, Asst. Prof. Chemistry Dept and Ms. Moumita Pal, Asst. Prof. ECE Dept and they continued to host the successive curtain-raiser session. First Keynote Address delivered by Prof. Ts. Dr. Norliza Mohd Noor, UTM, Kuala Lumpur Campus, Malaysia on "Diagnosis and Management of Lung Disease". In the Catalytic Session-I Prof. Bhabatosh Chanda, Indian Statistical Institute, India delivered the Plenary word on "Smart Technologies for Sustainable Development and Education Sector". Another Plenary word delivered by Dr. Serdar Carbas, Karamanoglu Mehmetbey University, Turkey on "Design Optimization of Steel Structures via Nature-Inspired Metaheuristic Algorithm". Prof. Alexey Nazarov of HSE University, Russia has delivered a Plenary word related to his current research area of Smart Technologies.

About 40 papers were accepted for presentation in the conference based on the similarity report and reviewer's comment. All accepted papers will be published in the IoP Journal of Physics: Conference Series.

Five technical sessions were created in the two days conference with session chairs invited from the external organization for judgement. Invited Session talk received from Dr. Angsuman Sarkar, Kalyani Government Engineering College and Dr. Nilanjan Dey of JIS University.

Four senior persons from the industry joined the Industry Panel discussion on Smart Technologies for Sustainable Development. Dr. Trina Dutta, Asst. Professor welcomed Dr. Sila Singh Ghosh, VP-CR JIS Group and invited industry persons in the session. Dr. Ghosh requested Mr. Rajendra Rout, Dy. General Manager, Bellmer India Pvt. Ltd. to elaborate on the sustainable development of smart technologies in the

pandemic situation for the management and engineering area. Other industry persons joined the program are Mr. Kanad Chatterjee (Alumnus 2005 ECE, JISCE) Leader in IT/Digital Products/Commercial marketing, Serial entrepreneur, CEO at AwsomU, Mr. Soumik Basu, Enterprise Data Architect (Global), Campari Group (Alumnus 2006 ECE, JISCE), Mr. Ariful Islam Mondal Consulting Practice Partner of Data Analytics & Artificial Intelligence at Wipro UK. They have also joined the discussion and answered students' queries. Students were advised to study hard on their subject but keep their minds to interdisciplinary subjects for innovation. Ms. Moumita Paul Asst. Prof. ECE requested Dr. Ghosh to hand over the e-certificates to the invited industry persons.

Best paper awards according to the judgement of Session Chairs awarded to the Paper ID 7, 21, 28, 51, 45 of technical session 1, 2, 3, 4, 5 respectively.

Dr. Sabyasachi Sen, Dean Research and Development summarised the conference with the announcement of the forthcoming sequel conference I3 SET 2022 expected to be held on 17-18th February in offline mode.

Finally, Jt. Convener Mr. Jit Chakraborty, HoD Dept of Chemistry delivered the vote of thanks.

Glimpses of the conference have been enclosed herewith.



NEWS FROM THE JIS GROUP



JISIASR



JIS INSTITUTE OF ADVANCED STUDIES AND RESEARCH (JISIASR) KOLKATA
JIS UNIVERSITY

Information for the GB Meeting to be held on September 27, 2021
Since March 22, 2021
Centre for Health Science and Technology (ChEST)

Event Organized

Workshop:
Early Steps to Design a Drug: Introducing Molecular Modelling and Docking
May 24 – 25, 2021

Speakers:
Dr. Subhra Ghosh Dasidhar
Professor, Bose Institute, Kolkata

Dr. Debabani Ganguly
Associate Professor, JISIASR Kolkata

Dr. Rachana Banerjee
Assistant Professor, JISIASR Kolkata



Event Organized

Workshop:
Fundamentals of Microbiome Data Analysis
June 28 – 29, 2021

Speakers:
Dr. Vinod Gupta
Mayo Clinic, Rochester MN, USA

Dr. Sandip Paul
Associate Professor, JISIASR Kolkata

Dr. Rachana Banerjee
Assistant Professor, JISIASR Kolkata



Event Organized

Annual Distinguished Lecture Series 2021
On the contribution of medical biotechnology and bioinformatics toward a better world
Through the month of August 2021

Speakers:
Prof. Daniel Hesse
Algorithms in Bioinformatics, University of Kibingen, Germany

Prof. Pichonnikharu Balaram
Former Director, Indian Institute of Science, Bengaluru, India

Prof. Abhis Bhattacharya
Head, Department of Biology, Ashoka University

Prof. Eugene Schemm
Department of Microbiology, University of Washington, Seattle, USA

Prof. Dipankar Choudhri
Molecular Biophysics Unit, Indian Institute of Science, Bengaluru, India

Prof. Stefan Bader
Department of Biology, Friedrich-Alexander-University, Erlangen-Nürnberg, Germany



Service-based Initiative Developed

GNF Genomics Solutions, Guru Nanak Foundation, an initiative of ChEST JISIASR, offers a state-of-the-art infrastructure for next-generation sequencing (NGS) for genomic studies using the Illumina MiSeq platform.

GNF Genomics Solutions provides library quality control, sequencing services, and data analysis for own collaborative research works as well as for the external companies, offering a variety of microbial sequencing solutions for a broad range of applications depending on user needs.



ChEST Bioinformatics Resources Offered

<https://bioinfo.jisiasr.org/>


Our research spans across a number of applications, from developing analytical tools and resources for microbial evolutionary and systems biology, toward a better understanding of community function, competition/cooperation, pathogenesis and antibiotic resistance.

Software Tools

- M2M**
- Tz**
- PCG**

The software library is designed to provide resources on:

- Microbiome to Metabolome (M2M)** - Designed for prediction of the metabolites using metagenomics data
- TimeZone (Tz)** - Tracking recent adaptive evolution in microbial species
- PanCoreGen (PCG)** - Profiling, detecting, annotating protein-coding genes in microbial genomes



ChEST Publications in 2021

- Banerjee R, Basak K, Ghosh A, Rajachandran V, Sureka K, Ganguly D, Chattopadhyay S. Spike protein mutational landscape in India during the complete lockdown phase: Could Muller's ratchet be a future game-changer for COVID-19? *Infection, Genetics and Evolution*. 2021; 92: 104874.
- Banerjee R, Chaudhari NM, Lahiri A, Gautam A, Bhowmik D, Dutta C, Chattopadhyay S, Huson DH, Paul S. Interplay of Various Evolutionary Modes in Genome Diversification and Adaptive Evolution of the Family Sulfobacaceae. *Frontiers in Microbiology*. 2021; 12: 639995.
- Biswas N, Mallick P, Maity SK, Bhowmik D, Mitra AG, Saha S, Roy A, Chakrabarti P, Paul S, Chakrabarti S. Genomic surveillance and phylogenetic analyses reveal emergence of novel mutation and co-mutation patterns within SARS-CoV2 variants prevalent in India. *Front Microbiol*. 2021 July 29;12:703933. doi: 10.3389/fmicb.2021.703933.
- Biswas D, Maity C, Talukder B, Azharuddin M, Saha S, Pandey S, Das A, Adhikari SD, Ray Y, Sarkar BS, Paul SR, Saha R, Paul S, Chatterjee S, Ganguly D, Bhattacharya P. A prospective study on COVID-19 convalescent plasma donor (CCP) recruitment strategies in a resource constrained blood centre. *ISBT Sci Ser*. 2021 Jun 1:10.1111/vox.12639. doi: 10.1111/vox.12639. PMID: 34226835; PMCID: PMC8242402.
- Das D, Paul A, Lahiri A, Adak M, Maity SK, Sarkar A, Paul S, Chakrabarti P. Proteasome dysfunction under compromised redox metabolism dictates liver injury in NASH through ASK1/PPARγ binodal complementary modules. *Redox Biol*. 2021 Sep;45:102043. doi: 10.1016/j.redox.2021.102043. PMID: 34144391; PMCID: PMC8220246.

Continued...

ChEST Publications in 2021

- Lee C, Verma R, Byun S, Jeun EJ, Kim GC, Lee S, Kang HJ, Kim CI, Sharma G, Lahiri A, Paul S, Kim KS, Hwang DS, Iwakura Y, Speciale I, Molinaro A, De Castro C, Rudra D, Im SH. Structural specificities of cell surface β-glucan polysaccharides determine commensal yeast mediated immuno-modulatory activities. *Nat Commun*. 2021 Jun 14;12(1):3611. doi: 10.1038/s41467-021-23929-9. PMID: 34127673; PMCID: PMC8203763.
- Bandopadhyay P, Rozario R, Lahiri A, Sarif J, Ray Y, Paul SR, Roy R, Maity R, Chaudhuri K, Bagchi S, Maity A, Perwez MM, Sharma Sarkar B, Roy D, Chakraborty R, Vasudevan JS, Sharma S, Biswas D, Maity C, Saha B, Bhattacharya P, Pandey R, Chatterjee S, Paul S, Ganguly D. Nature and dimensions of the systemic hyper- inflammation and its attenuation by convalescent plasma in severe COVID-19. *J Infect Dis*. 2021 Jan 12;jab010. doi: 10.1093/infdis/jab010. PMID: 33433587; PMCID: PMC7928875.
- Basak T, Dey AK, Banerjee R, Paul S, Maity TK, Ain R. Sequestration of eIF4A by angiomotin: A novel mechanism to restrict global protein synthesis in trophoblast cells. *Stem Cells*. 2021 Feb;39(2):210-226. doi: 10.1002/stem.3305. PMID: 33237582.
- Das S, Paul A, Bera D, Dey A, Roy A, Dutta A, Ganguly D. Design, development and mechanistic insights into the enhanced antibacterial activity of mono and bis-phosphonium fluoroacetate ionic liquids. *Materials Today Communications*. 2021. 28:102672.
- Nanda J, Misra S, Mukherjee S, Ghosh A, Singh P, Mondal S, Ray D, Bhattacharjee G, Ganguly D, Ghosh A, Aswal VK, Mahapatra AK, Satpati B. Single amino-acid based self-assembled biomaterials with potent antimicrobial activity. *Accepted in Chemistry*. 2021. doi: 10.1002/chem.202103071.

NEWS FROM THE JIS GROUP



Student's Achievement



Vysakh Rajachandran, a student of ChEST JISIAR:

- has got selected for the PhD program in the Microbial Genomics group of Malopolska Centre of Biotechnology at Jagiellonian University in Krakow, Poland, and his research will be funded by the National Science Centre Sonata Bus Grant, Poland.
- has also been provisionally selected for PhD fellowship through INSPIRE program, under the supervision of Dr. Sujay Chattopadhyay.

Thank You

JIS Institute of Advanced Studies and Research (JISIAR) Kolkata
Arch Waterfront, 17th Floor, GP Block, Sector V (Near RDB More)
Kolkata 700091, West Bengal, India | Web: www.jisars.org

ANNUAL DISTINGUISHED LECTURE SERIES 2021

on the contributions of medical biotechnology and bioinformatics toward a better world

ORGANIZED BY
Centre for Health Science & Technology,
JIS Institute of Advanced Studies and Research Kolkata,
JIS University

 Prof. Daniel Huson Approves in Bioinformatics University of Tübingen, Germany August 5, 2021: 3 PM IST	 Prof. Padmanabhan Balaram Former Director, Indian Institute of Science, Bangalore, India August 9, 2021: 4 PM IST	 Prof. Anik Bhattacharya Department of Biology, Autonix University, India August 14, 2021: 3 PM IST
 Prof. Evgen Sokolov Department of Microbiology University of Washington, Seattle, USA August 17, 2021: 10 AM IST	 Prof. Dipankar Chatterji Visiting Professor, IISc, Indian Institute of Science, Bangalore, India August 21, 2021: 3 PM IST	 Prof. Steffen Beckett Department of Biology, Friedrich-Alexander University, Erlangen-Nürnberg, Germany August 25, 2021: 10:30 AM IST

www.jisars.org www.jisuniversity.ac.in

ATHUL K K

PhD Student (1st Year)
Centre for Interdisciplinary Science
JIS Institute of Advanced Studies and Research (JISIAR) Kolkata,
JIS University

CONGRATULATIONS!

For being awarded with the prestigious
INSPIRE Fellowship
from Department of Science and
Technology (DST), Government of India
for pursuing his PhD Programme at
JISIAR Kolkata

www.jisars.org www.jisuniversity.ac.in

WEBINAR SERIES (4.0): 2021

Cancer Immunotherapy: A brilliant move to "Fighting the Foe"

ORGANIZED BY
ChEST, JIS Institute of Advanced Studies
and Research Kolkata, JIS University

Date: Sep 22, 2021 | 03:00 PM India

Shilpak Chatterjee, Ph.D.
Senior Scientist
Cancer Biology & Inflammatory Disorder
CSR-Indian Institute of Chemical Biology,
Kolkata

www.jisars.org www.jisuniversity.ac.in

ONLINE WORKSHOP ON

Applications of Machine Learning in Industries & Business

ORGANIZED BY
Centre for Data Science,
JIS Institute of Advanced Studies and Research Kolkata,
JIS University

28th & 29th August, 2021 | 2:00 pm - 5:30 pm

 Dr. Thiru Acharya IEEE Fellow, MD, Videonics Technology	 Dr. Sandipan Sarkar Global CTO - Data & AI Cloud Advisory, IBM	 Dr. Arindam Saha Managing Director, Vista Intelligence
 Mr. Manish Chatterjya Project Manager, TTC Infotech	 Prof. Diganta Mukherjee SCS Unit, Indian Statistical Institute	 Dr. Sreyama K Chowdhury Senior Manager, Cognitive, IBM

Registration Cost: FREE
Registration Deadline: 25th August, 2021
Notification: 27th August, 2021

www.jisars.org www.jisuniversity.ac.in

Post-Graduate Studies and Research Opportunities in Data Science

Organized by: Centre for Data Science (CDS),
JIS Institute of Advanced Studies and Research (JISIAR), JIS University

- Career opportunities after pursuing an M.Tech in CSE (w/soft. in Data Science)
- Different Post-Graduate programs in Data Science offered by JISIAR
- Pursue your dream career and an M.Tech simultaneously

15th Sept, 2021
4:00 PM - 6:00 PM IST

We are here to answer
all your queries!

 Padma Shri Prof. Ajay Kumar Ray Director, JISIAR	 Prof. Saptarshi Das Assistant Professor, CDS, JISIAR
 Prof. Abhinav Ray Assistant Professor, CDS, JISIAR	 Prof. Suman Pathak Assistant Professor, CDS, JISIAR

www.jisars.org www.jisuniversity.ac.in

Emergencies of International Concern

ORGANIZED BY
ChEST JISIAR Kolkata, JIS University

Date: July 14th, 2021 (Wednesday), 10am

Dr. Ananda S. Bandyopadhyay
MBS, MPH (Harvard School of Public Health)
Deputy Director - Policy
Bill and Melinda Gates Foundation, USA

www.jisars.org www.jisuniversity.ac.in

Events on October 2021

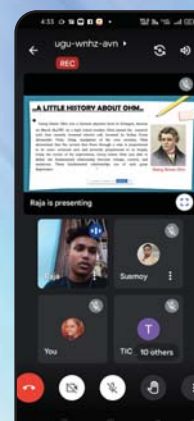
1. Seminar on Mathematics and Physics : 8th October 2021

As per the activity calendar, the Department of Basic Science and Humanities is going to organize a student seminar on 8th October, **2021 (Friday) in online mode from 4:00 pm** on the following topics:

Name of the Topics	Detail of Speakers
Different Equation in straight line (Mathematics)	Suman Karan CE
Properties of Determination (Mathematics)	Susomay Sarkar EE
Ohm's Law (Physics)	Raja Biswas ME
Law of refraction of light (Physics)	Jina Paul EE

There were a total of 50 participants including the faculty members and students of 1st Yr. of Dept of EE, ETCE and CST. The students have shown great enthusiasm during the webinar.

The Webinar was concluded by a very interactive Q&A session where different queries raised by the participants were discussed.



2. Anandadhara 2021 : 9th October 2021

Celebrating events and festivals in JISSP has become an integral part of learning and building a strong cultural belief. Such celebrations bring the students closer to each other's tradition and cultural belief and develop respect and understanding for each other's custom and traditions. "Anandadhara" – before Durga puja vacation was conducted to promote indigenous and integral culture of Bengal.



3. Parents-Teachers meeting :

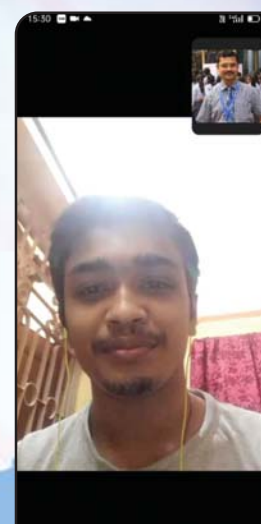
- **25th October 2021:** 2nd and 3rd year ETCE
- **1st Year- 2nd Semester-ME and CE (academic year 2020-2021)**

- Day & Date: Wednesday, 27th October 2021
- Time: 2.30 PM
- Venue/ Digital Platform: Zoom meeting

- **1st Year- 2nd Semester- EE, ETCE, and CST**

- Day & Date: Wednesday, 27th October 2021
- Time: 4.00 PM
- Venue/ Digital Platform: Zoom meeting

Purpose of the Meetings: To greet all guardians heartfelt "Bijaya Dashami" as extended family members of JISSP and to inform the parents regarding college academic & other activities, Students-Teacher interaction & classes through a digital platform (for theory classes) and offline platform for practical classes e.t.c during this pandemic situation.



4. Three days Workshop on Water Conservation : 27th to 29th October 2021

JIS School of polytechnic successfully organized three days workshop from 27th October 2021 to 29th October 2021.



5. Workshop on Online Proctoring Examination System for the dept. of EE, ETCE, CST

Date: 28th October 2021

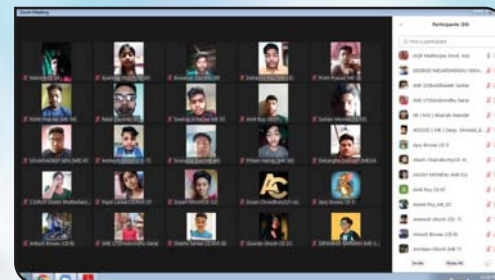
Time: 11.30 am

Workshop on Online Proctoring Examination System for the dept. of CE, ME

Date: 29th October 2021

Time: 11.30 am

1st and 2nd Internal Assessments of theoretical subjects of 1st year - 2nd semester diploma students was conducted through online proctored mode from 1st November 2021 to 3rd November 2021. In order to take the exam, there were some important steps Students were need to follow. So, to clarify all rules and regulations, the Department of Basic Science and Humanities successfully conducted Scheduled Workshop on 28th October 2021 at 11.30 am and 29th October 2021 at 11.30 am.



JISU

JIS UNIVERSITY- DEPARTMENT OF JURIDICAL SCIENCES EVENTS IN THE MONTH OF OCTOBER

1. ONLINE 6-DAY FACULTY DEVELOPMENT PROGRAMME ON CYBER LAW AND TECHNOLOGY : ISSUES AND THE FUTURE

DATE: 25TH OCTOBER- 30TH OCTOBER, 2021

List of Speakers:

1. **Prof. Nirmal Kanti Chakraborty**, Hon'ble Vice-Chancellor, The West Bengal National University of Juridical Sciences
2. **Prof. Indranil Sengupta**, Hon'ble Vice-Chancellor, JIS University Prof. Sengupta made a very lucid

presentation on the basic concepts of information technology and cyber security that would be essential for a better and a holistic grasp of the concepts based on the principles of cyber technology. This session stood out in its simplicity and relevance.

3. **Prof. Anirban Mazumder**, Professor, The West Bengal National University of Juridical Sciences Professor Mazumdar presented a very simple and direct, yet immensely informative and enlightening talk upon the issue of jurisdiction issues upon cyber space which continues to remain one of the most contentious cyber legal issues till date. The main thrust in the

session was with regard to the current judicial trend with reference to this issue and the legal responses to the same both locally as well as internationally

4. **Professor Sarfaraz Ahamed Khan**, Professor, The West Bengal National University of Juridical Sciences- have shared his knowledge with us regarding **How cyber crimes affect human rights** Prof. Khan spoke on how internet is extensively used in order to commit gross violations of human rights. He also explained how cyber law and technology can in turn be used to fight such violations effectively and how technology can be instrumental in the meaningful restoration of human rights of the victims of human rights violation.
5. **Dr. Rakesh Kumar Dhar Dubey**, Dean Law, JIS University Dr. Dubey set the tone of the FDP through a short but informative introduction that gave a hint of what we were to expect from the FDP. He talked about the various ranges of topic that the FDP is slated to touch upon and the topics that would form the main thrust of the FDP.
6. **Dr. Diganta Biswas**, PG Council, Law Department, Raiganj University – He enlightened us on **Right to be forgotten** Prof. Biswas talked about how having a strong information technology infrastructure does not necessarily imply that all information is always available for eternity and we should forget about anonymity and being away from the spotlight.
7. **Dr. Faisal Fasih**, Assistant Professor, The West Bengal National University of Juridical Sciences - for making the session so interesting on **Breach of privacy in the social media** Prof. Fasih spoke upon the very interesting and relevant topic of privacy in the social media: an issue that assumes greater relevance with every passing day. He spoke at length at the various legal risks that people may unwillingly exposed themselves to by an unfettered use of the internet particularly the social media. He also touched upon the administrative stance in the matter.
8. **Mr. Bikash Barai**, Co-founder @ Fire Compass - Continuous Automated Red Teaming (CART) & Attack Surface Management - sharing with us his expertise and idea on **Fireside chat on emerging cyber security trends** This was a technical session in which a large number of doubts that law students might have with regard to the technical aspects of information technology was cleared. The session stood out in its simplicity despite being essentially technical in nature.
9. **Mr. Ayan Dutta**, Inspector of Police, Bank Security Fraud Branch, Central Bureau of Investigation, Govt. of India - enriching us on **Problems in cyber crime detection**. Mr. Dutta shared his immense experience on the various techniques used by fraudsters to defraud people online, the various ways in which banking frauds are committed or banking security systems are breached.
10. **Mr. Sandeep Sengupta**, Founder / Director - ISOAH; CISA, Lead Auditor (ISO27001, ISO22301, Privacy, GDPR), Security Consultant, Entrepreneur - his awareness session on **how to avoid cyber crimes**. Mr. Sengupta spoke extensively on cyber crimes and how the same can be detected by non-technical persons. He demonstrated first hand how cyber crimes are actually affected by criminals and how the crimes are designed in such a manner that detection would be almost impossible for non-technical persons.
11. **Mr. Soumyajit Raha**, Special Public Prosecutor, Cyber Crime, Government of West Bengal - discussing a very interesting topic **AI and the law** Mr. Raha touched upon the very novel and interesting topic of Artificial Intelligence and the law and he spoke at length about excessive usage and/or dependence upon artificial intelligence might render human intervention in legal cases redundant in the future. However, a few people in the audience were of the view that although AI was useful and more accurate in several respects it can never completely replace human faculty, at least in cases that require extensive human discretion.
12. **Mr. Shubendu Chakraborty**, Cyber Security Centre of Excellence, Department of IT & Electronics, Govt of West Bengal - fulfilling us with his knowledge on **Unique features of cyber crimes and Evaluating the existing cyber crime grievance redressal mechanism** This session was in the nature of the procedural and investigation aspects of cyber crimes stressing upon the various impediments faced by the investigators upon the detection and resolution of cyber crimes from an investigation perspective.
13. **Ms. Moumala Bhattacharjee**, Assistant Professor, JIS University – enlightened us with **Human Right and cyber space** Ms. Bhattacharjee presented a very

There was also some discussion on cyber insurance. Mr. Barai also spoke on what should be the reasonable expectation from a secure system.

NEWS FROM THE JIS GROUP



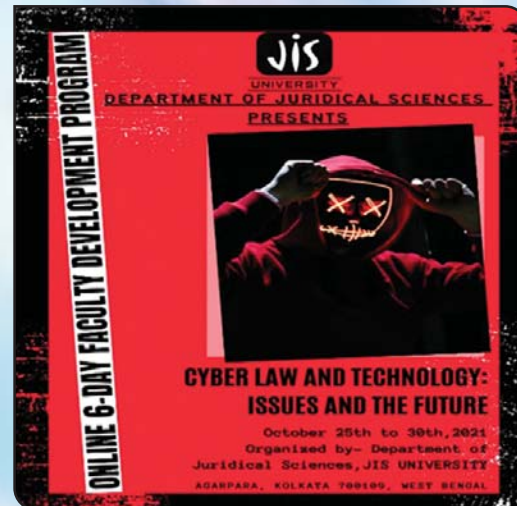
informative and exhaustive session upon the issue of human rights in cyber space, an issue that is still inchoate. She had an interesting take on the various ways in which users of the internet might be unknowingly breaching human rights of cyber space.

Dr. Chatterjee spoke of the various kinds of cyber crimes and the legal and judicial response to the same. He spoke of a few interesting cases to further illustrate his point.

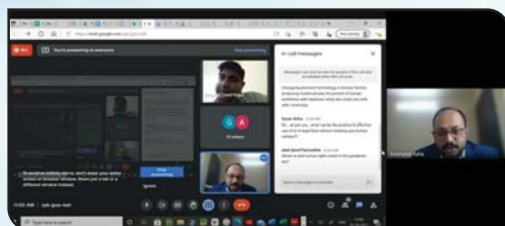
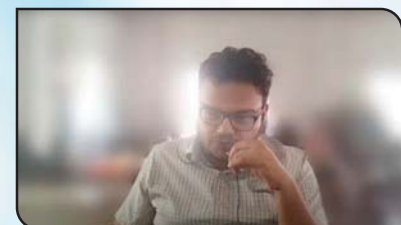
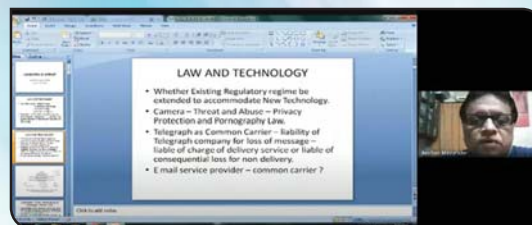
14. **Mr. Ranadip Bhattacharya**, Assistant Professor, JIS University. – on his insights on the **Online Deception** Mr. Bhattacharya spoke upon the issue of deception upon the cyber space and its legal ramifications. The main thrust in this session was equally upon the psychological aspects of digital deception as well as the legal ones: as in does internet actually encourage deceiving others and what can the law do about the same; adopt a preventive approach or a remedial/punitive one.

15. **Cyber-law and Cyber crimes : Dr. Souvik Chatterji**, HoD, Department of Juridical Sciences, JIS University

POSTER:



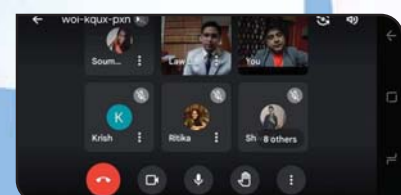
Pictures of the Online FDP :



2. LAW WEBINAR ON NARCOTIC DRUGS AND PSYCHOTROPIC SUBSTANCES ACT LAW AND PROCEDURE DATE : 1st November, 2021

LIST OF SPEAKERS

1. **Advocate Mit Guha Roy**, Calcutta High Court – He threw light on the drug abuse that has become one of the curses of society. He focused on how a great responsibility lies on the law enforcement officers to combat such substance abuse.
2. **Dr. Souvik Chatterji**, H.O.D. , Department of Juridical Sciences, JIS University – He spoke on the internal tryst and turmoil in the society and how the NDPS Act has laid down various powers and procedures to bring a halt to this ongoing damage.



**3. 7-DAY NATIONAL FACULTY DEVELOPMENT PROGRAMME ON CHALLENGES BEFORE THE TEACHING COMMUNITY BEFORE THE TEACHING COMMUNITY WITH EMERGING TECHNIQUES IN 21ST CENTURY
DATE : 17TH – 24TH November, 2021 (ONGOING)**

The department has taken initiative to instill in minds that law teaching should not be cramped within the four walls of classroom and it is also important to understand and adapt with the technical advancements.

Brochure:

2. Dr. Dipa Dubey – Scope of Legal Research in Contemporary Situation

She threw light on the importance of research in legal fields. How faculties can encourage students more into research work for their development.

3. Dr. Souvik Chatterji – Challenges to recreate Practical classes in Law

He enlightened the participants with different techniques so that the students are interested throughout the online class, various activities and interactions can be implemented.

4. Ramanuj Mukherjee – Future of Legal Profession

He instilled in the minds of participants the various opportunities of the legal profession as well as the scopes that the students can get. The importance of placements.

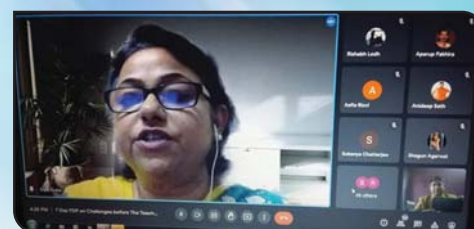
The FDP is still in progress and running successfully.

A 3-day NCSTC, DST New Delhi sponsored Science Teachers Workshop was organized on "Generation of project ideas for school students based on low-cost science teaching aids" 28th to 30th October 2021 by Science Centre, Midnapore in Collaborator with Department of Education, JIS University, Knowledge is authenticated but it's the approach. It said that we read, we forget, we see, we remember and we do we understand. With this note we can say that practical experience is very vital, especially in Science teaching, it is important that students not only mug up the text but understand the principle and a true sense of science. But unfortunately, Science teachings in most of the schools are only textbook-oriented, especially in the lower class due to lack of infrastructure and economic support. This workshop was a small step to come across these problems where the resource persons from Medinipur science centre showed us different ways to perform

low-cost or no-cost experiments to explain different science theories and projects. The main objective of the program was to train teachers to design different projects, and experiments that they can perform in schools with minimum expenses, so that students from every corner irrespective of their economical background can experience quality effective teaching. Total 40 teachers from different schools like Khalsa model high school, sacred heart, etc attended this session for 3 days. On the 1st day 28th Oct 2021, this workshop was inaugurated by Professor Indranil Sengupta VC of JIS University. In this 3 day workshop, the 1st 2nd day was for chemistry and physics experiments and the last day was about biology. Total 40 Teachers from different schools like Khalsa model, sacred heart, etc took part in this workshop. On 30th October after the Workshop certificates were given to the participants

LIST OF SPEAKERS WHO HAVE DELIVERED BY FAR:

- 1. Prof. Dr. Nirmal Kanti Chakrabarti** – Challenges before the legal fraternity He spoke about the increasing challenges faced by the legal fraternities in this pandemic era where everything is online be it education or practice and how it can be dealt with smartly.



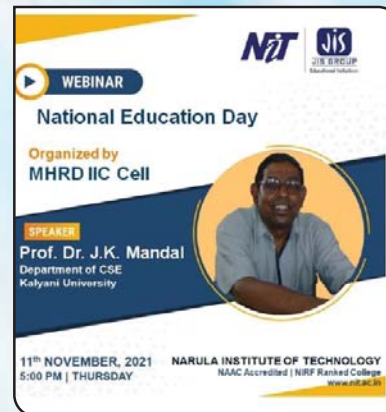
NEWS FROM THE JIS GROUP

NIT



Events held in the Month of October & November, 2021

National Education Day-the MHRD IIC Section of Narula Institute of Technology has organised a webinar on the National Education Day on 11th November, 2021 at 5 PM. The speaker was Prof. J. K Mandal, Professor- CSE Department, Kalyani University.



Events held in the Month of October & November, 2021



Swagatam 2k21- The orientation programme “Swagatam 2k21” by Narula Institute of Technology for the 1st year students was commenced fromby welcoming hundreds of cheerful young leaders. Every year the institute conducts an orientation program for the newly admitted students to make them familiarise themselves with the institution’s facilities, norms, and cultures and to inform the students about the exciting world of technology and management. The students enjoyed the session and made it both active and interactive with their effective participation and notable eagerness. The Induction Programme thus ended with a positive note to familiarize the freshers with the academic, cultural and ethos of the institute.

Vaccination Drive :

Narula Institute of Technology has organised a mass vaccination drive at the NiT campus on 12th July, 2021 and successfully inoculated the students, alumni, faculty and staff along with their family members of NiT and JIS University. The drive has provided jabs to the community people as well people from the local area.

To ensure the safety, necessary measures were taken followed by a health check up camp also. We are proud of the work our teams have done to convert our campus to a mass vaccination centre.



RECENT EVENTS OF THE EE DEPARTMENT

1) Webinar on ML using Python

We are pleased to inform you that the Department of Electrical Engineering of Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex has organized "Machine Learning using Python" in collaboration with Sikharthy Infotech Pvt. Ltd. under the aegis of the IEI Student Chapter on 9th November 2021.

Speaker - Mr. Arnab Mondal (Senior Technical Expert at Sikharthy Infotech Pvt. Ltd.)

The following were the key highlights of the applications on MATLAB:

- Basics of Machine Learning
- Types of Problems in Machine Learning
- Types of Algorithms in Machine Learning
- Introduction to Python
- Machine Learning using Python Use Cases

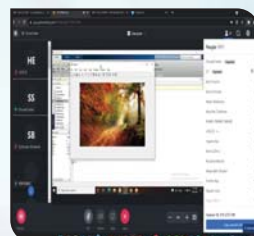
Q&A Session

There were a total of 50 participants including the faculty members and students of 2nd, 3rd & 4th Yr. of Dept of EE. The students have shown great enthusiasm during the webinar.

The Webinar was concluded by a very interactive Q&A session where different queries raised by the participants were discussed.

Some of the glimpses are attached herewith.

2) Webinar on MATLAB



We are pleased to inform you that the Department of Electrical Engineering of Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex has organized "A webinar on Practical Applications of MATLAB in Electrical Engineering" in collaboration with Ardent Computech Pvt. Ltd. under the aegis of the IEI Student Chapter on 25th September 2021.

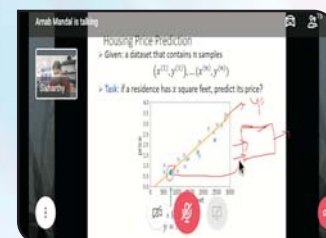
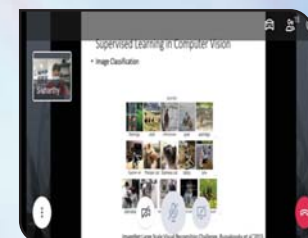
Speaker - Mr. Sourav Sarkar (Team Leader and Mentor at Ardent Computech Pvt Ltd)

The following were the key highlights of the applications on MATLAB:

- Image Processing
- Signal Processing
- Data Compression
- Computer Vision
- Face Detection
- Simulink
- Parallel Computing
- Polyspace

Q&A Session

There were a total of 50 participants including the faculty members and students of 2nd, 3rd & 4th Yr. of Dept. of EE. The students have shown great enthusiasm during the webinar. The Webinar was concluded by a very interactive Q&A session where different applications of MATLAB were discussed. Some of the glimpses are attached herewith.



NEWS FROM THE JIS GROUP



Workshop on Machine Learning and Solid Work

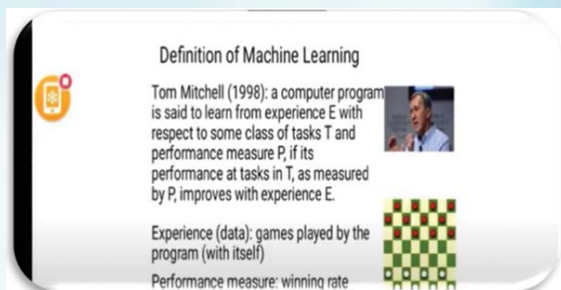
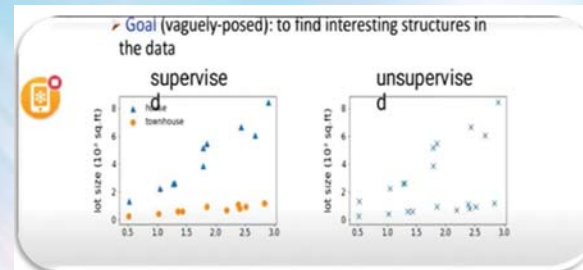
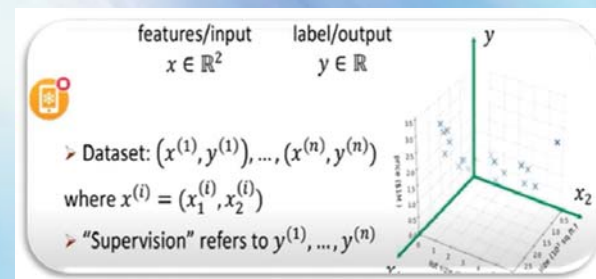
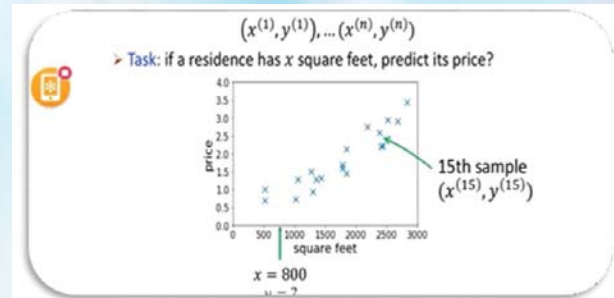
It feels immense pleasure to inform you that Mechanical Engineering Department has successfully organized a workshop on the topic of Machine Learning and Solid Work on 13th November 2021, from 11.30 am



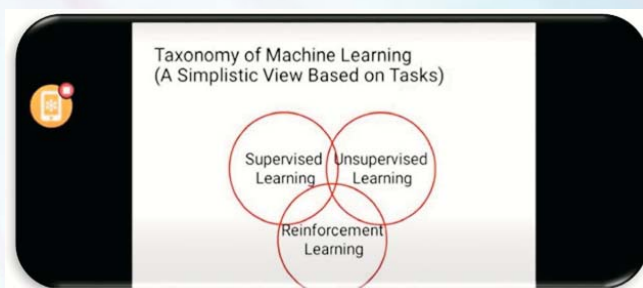
onwards through Google Meet Platform.

The speaker of the session was **Arnab Mandal**, from **SIKHARTHY INFOTECH PVT LTD**. Sikharthy Infotech Pvt. Ltd. is an IT service providing company in Kolkata, West Bengal. Their services include Web Development, Android Development, Business Analysis, Digital Marketing, Content Development, and Student's Corporate Skill-Enhancement. They are affiliated with NSDC, Utkarsh Bangla, Startup India, NCS, and the Board of Practical Training.

The session and explanation on various topics regarding the session were really enriching and cultivated great interest in the minds of the participants and was appreciated by them. The presentation was an engrossing experience for all of our participants followed by excellent doubt clearing sessions.



Some of the glimpses of the Event are attached for your kind perusal.



Webinar on the topic of "Brief on Thermal Power Plant; An industrial perspective"

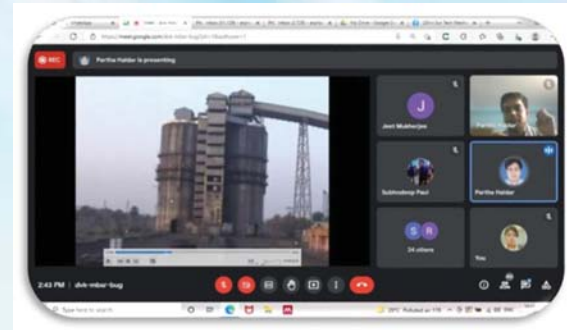
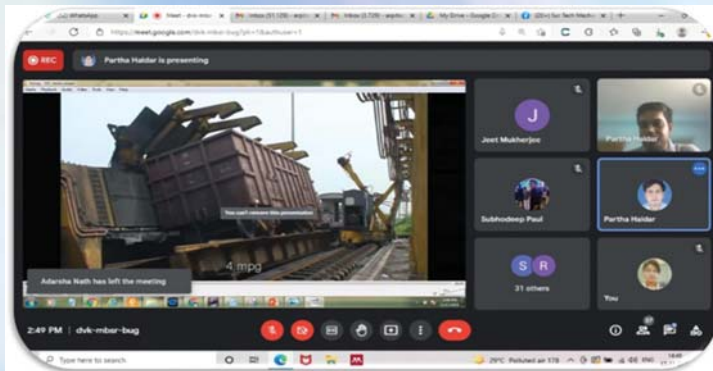
It feels immense pleasure to share that Department of Mechanical Engineering has organized a webinar on the topic "Brief on Thermal Power Plant; An Industrial Perspective" on 15th November, 2021 from 3:30 PM onwards through Google Meet Platform.

The speaker of the session was **Mr. Partha Haldar** from **Government College of Engineering And Ceramic Technology**.

Students from the Department of ME along with Faculties have taken part in this program where various topics were discussed and shown which are as follows



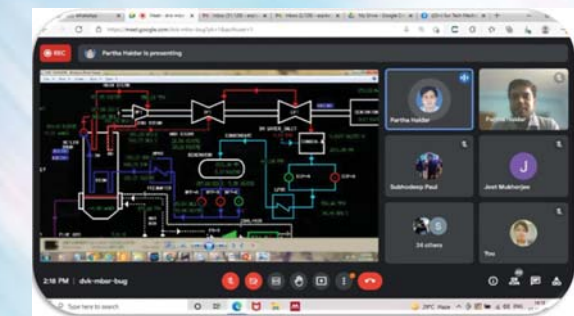
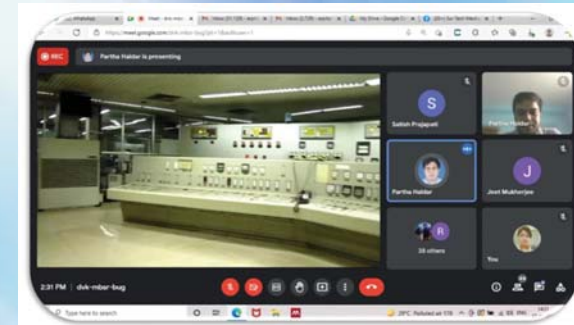
NEWS FROM THE JIS GROUP



1. Coal unloading
2. Crusher house
3. Boiler specification
4. Ash volume and properties
5. Tangential firing system

The session and explanation on various topics regarding the session were really enriching and cultivated great interest in the minds of the participants. The presentation was an engrossing experience for all of our participants followed by excellent doubt clearing sessions.

Some of the glimpses of the Event are attached for your kind perusal.



Observation Day for Peace & Non-Violence This is to inform you that the Department of ECE, SURTECH observed "Observation Day for Peace & Non-Violence" and celebrated Gandhi Jayanti on 2nd October '21 to commemorate the birthday of Mahatma Gandhi. Gandhi Jayanti is an event celebrated in India to mark the birthday of Mahatma Gandhi. It is celebrated annually on 2 October, and it is one of the three national holidays of India. The UN General Assembly announced on 15 June 2007 that it adopted a resolution which declared that 2 October will be celebrated as the International Day of Non-Violence. He is also known as the "Father of The Nation" and this title was given to him by Netaji Subhash Chandra Bose for his relentless struggles for our independence.

History behind this auspicious day is captured in a video format is attached herewith.

<https://drive.google.com/file/d/1DmkRqN4ww1oBcYkeckW7PZ-49fsnPHdB/view?usp=sharing>

Few glimpses along with the report of the event are attached herewith.



<p>Gandhi's birthday 2nd October</p> <p>is commemorated in India as Gandhi Jayanti, a national holiday, and worldwide as the International Day of Non-Violence. Gandhi is commonly, though not formally, considered the Father of the Nation in India and was commonly called "Bapu".</p>	<p>The International Day for Peace is observed on 21st September in 1981 by the United Nations General Assembly and every year to strengthen our ideals for peace and ensure a period of non-violence and ceasefire. It has taken humans hundreds of years and the contributions of several remarkable leaders to understand the significance and impact of non-violence.</p>
<p>MAHATMA GANDHI</p> <p>Mahatma, which means a great soul, was an Indian Gandhi's original name but a title he was given because of the non-violent approach to his political and social reforms. He is known as the Father of the Nation and has been an example for generations to follow. He inspired many movements for the world.</p>	<p>PHOTOGRAPHY</p> <p>The Peace Bell was donated by the United Nations Association of Japan in 1954. It has become a tradition to ring the bell every year on the first day of spring, at the United Nations, and on 23 September to celebrate the International Day for Peace.</p>

5 World Leaders Who Fought Oppression With Non-violence

NEWS FROM THE JIS GROUP



Campaign on Environment & Tree plantation program: "SAVE TREE-- SAVE LIFE" Green Pearl NATURE CLUB (Department of Electronics & Communication Engineering, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex) Trees promote health and social well-being by removing air pollution, reducing stress, encouraging physical activity, and promoting social ties and community. Children with views of trees are more likely to succeed in their future life. Trees promote a strong economy and can provide numerous resources to the people that need them. While cities are getting hotter, trees can reduce urban temperatures. They provide habitat and food for animals. Finally, trees are valuable green infrastructure to manage storm water. Money spent on urban forestry has a high return on investment. As we navigate this human-dominated era, we need skilled people who understand the nuances of the built environment and trees as we strategically plan the cities of the future. So we need to hold our hands together to save trees as they will save our lives. Trees contribute to the environment by providing oxygen, improving air quality, climate amelioration, conserving water, preserving soil. Students of "Green Pearl"- Nature Club, Department of Electronics & Communication Engineering, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex organized their Annual Tree plantation program to save "TREE-our LIFE" on 5th October, 2021 by planting saplings, preparing posters to enhance awareness. Few moments of their campaign they have captured and prepared a nice video where they have also cherished a few moments of the previous year campaign. The event video link is :
<https://drive.google.com/file/d/1NLZfzWiqkml7zlQmgjsvEaGc5b-Sqw4n/view?usp=sharing>
Few glimpses along with the report of the event are attached herewith.



Celebration of Birth Day of Meghnad Saha, 2021 We are pleased to inform you that the Ink Link club (Department of Electronics & Communication Engineering of Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex) celebrated the birthday ceremony of Meghnad Saha on 6th October 2021.

Meghnad Saha (6 October 1893 – 16 February 1956) was an Indian astrophysicist who developed the Saha ionization equation, used to describe chemical and physical conditions in stars.

His work allowed astronomers to accurately relate the spectral classes of stars to their actual temperatures.

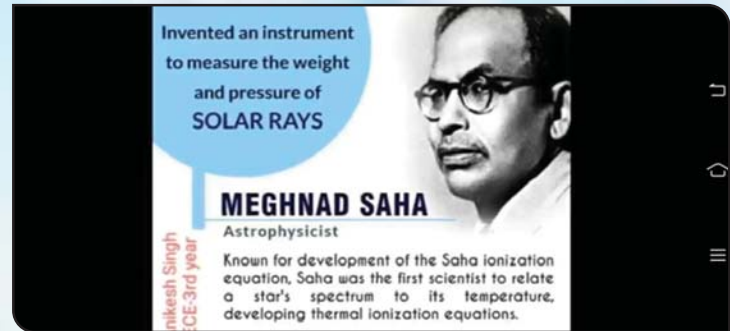
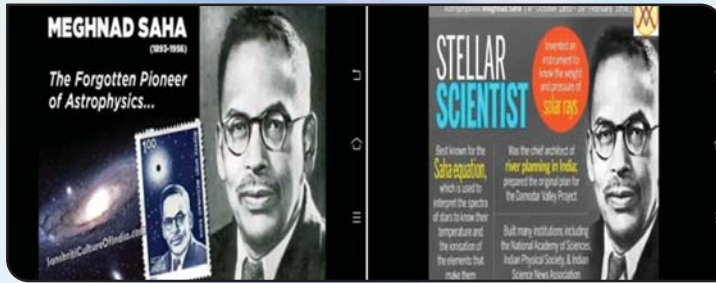
He was elected to the Parliament of India in 1952. The students of INK LINK club of ECE department celebrated

the birthday of Meghnad Saha on 6th October 2021. The event video link is:

<https://drive.google.com/file/d/15Q0-QAjxmCc2dyWoKghjMQoXT0uXeDK/view?usp=sharing>
Few glimpses along with the report of the event are attached herewith.



NEWS FROM THE JIS GROUP



Webinar on Scopes of Electronics in Research and Industry also joined in this Webinar.

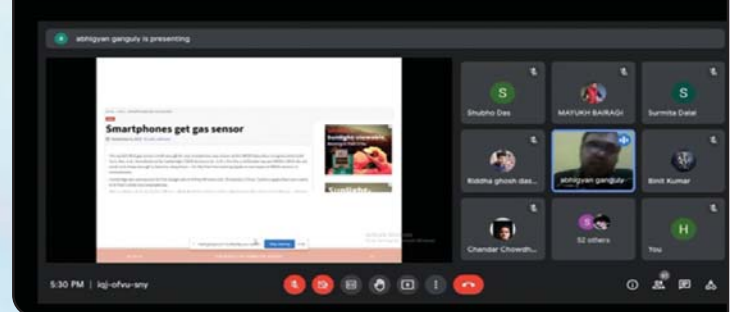
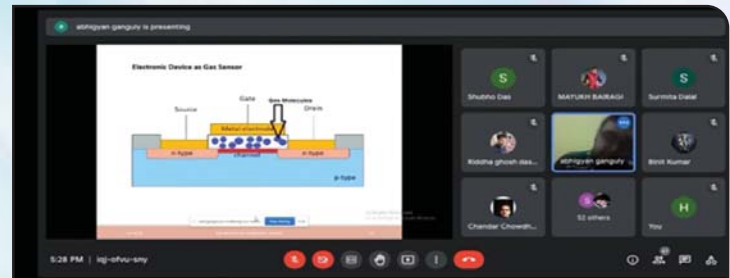
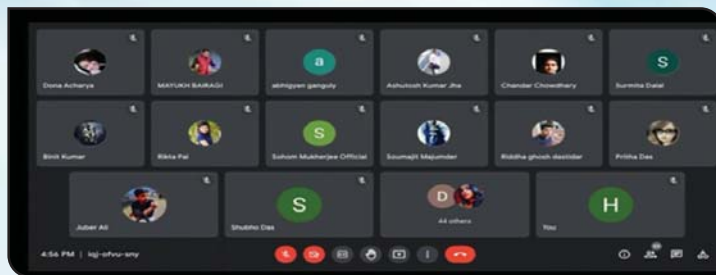
The Department of Electronics & Communication Engineering of Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex has organised a webinar on Scopes of Electronics in Research and Industry on 23rd October, 2021, Saturday.

Speaker of this webinar was DR. ABHIGYAN GANGULY, Assistant Professor, Department of ECE, Sur Tech, Post Doctoral Fellow, University of Durban Many students around 80 participants of 2nd, 3rd and 4th Yr. of Dept of ECE and external students

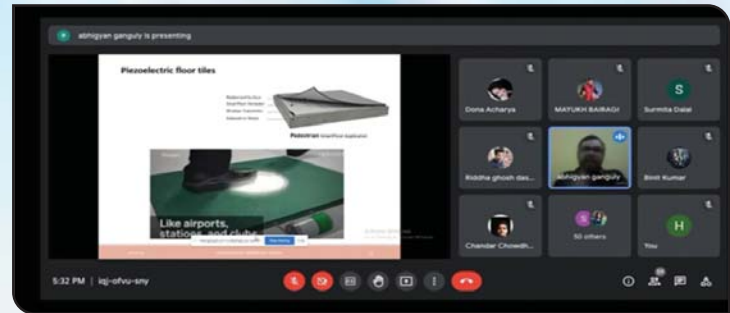
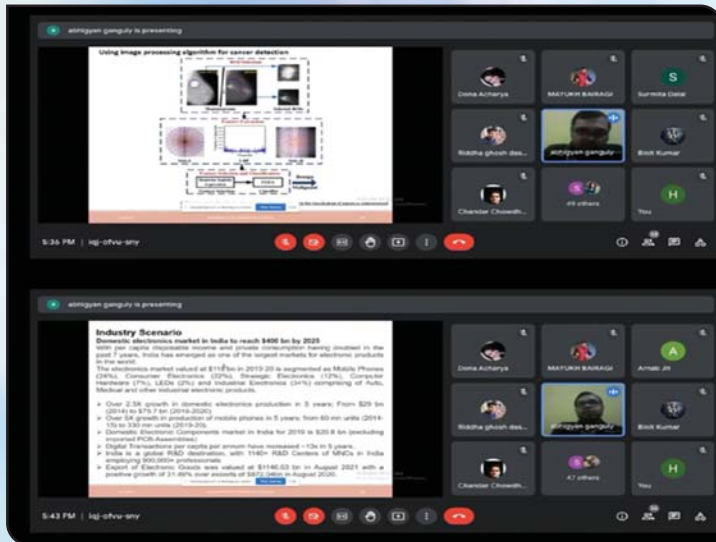
The learning outcomes of the Session:

- 1) Fundamentals of Electronics
- 2) Concept of VLSI
- 3) Applications of Electronics in Industry
- 4) Future Scope of AI & ML in the Electrical Industry

Few glimpses along with the report of the event are attached herewith.



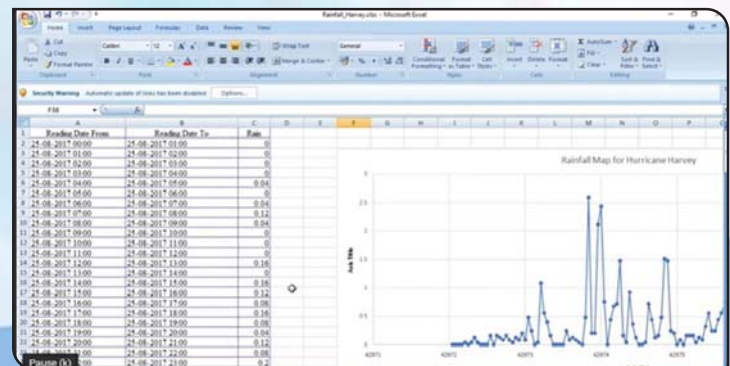
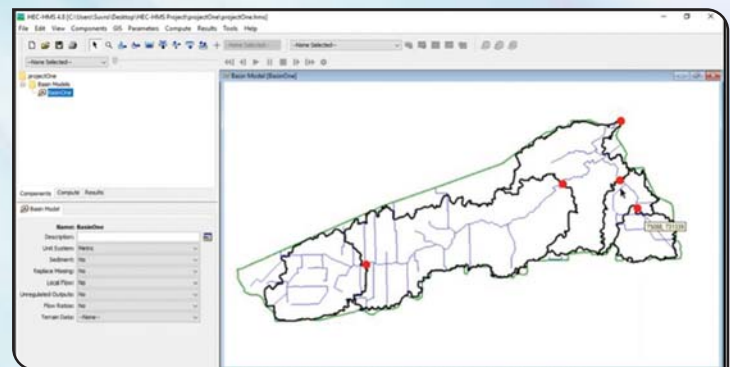
NEWS FROM THE JIS GROUP



Major Events Organized in Department of CE (October 2021 – Till Date)

1. Department of Civil Engineering has organized a Departmental Quiz Competition on 23.10.2021 on Google Meet Virtual Platform in accordance with the departmental academic calendar. I must congratulate Students of B.Tech CE 3rd Year Students for successfully organizing the competition. 8 Teams consisting of B.Tech and Diploma Students participated in the Competition. The winners were given virtual mementos and all the participants were provided participation certificates. The program was a huge success as mentioned by the participants at the time of feedback.

2. The Department of Civil Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex organized a workshop session on "HEC-HMS (Hydraulic Modelling System) Software" on 30th October 2021 in collaboration with Sikarthy Infotech Private Limited from 11.00 AM to 1.00 PM pm over the GoTo Meeting platform. The speaker was Mr. Shuvro Devdas, Sikarthy Infotech Private Limited. A total of 60 participants attended the webinar. The speaker shared his experience and enlightened the students of B.Tech and Diploma about the importance of HEC-HMS software in the hydraulic modeling system. The session was very interesting and all the participants thoroughly enjoyed and also interacted with the speaker throughout the session.



NEWS FROM THE JIS GROUP



3. The Department of Civil Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex organized a webinar titled "Application of Machine Learning in Predicting Groundwater Arsenic Distribution in the Indian Sub-continent" on 18th September 2021 from 4.00 PM to 4.45 PM pm over the Google Meet platform. The speaker was Mr. Soumyajit Sarkar, Senior Research Scholar, School of Environmental Science & Engineering, Indian Institute of Technology, who was also a former faculty of Civil Department, SurTech. A total of 50 participants attended the webinar. The speaker shared his experience and enlightened the students of B.Tech and Diploma about the application of Machine Learning in Predicting Groundwater Arsenic Distribution in the Indian Sub-continent. The session was very motivating and all the participants thoroughly enjoyed and also interacted with the speaker throughout the session.

4. Depart of Civil Engineering, SurTech has organized a physical Industry Visit for the B.Tech CE Final Year Students on 22.11.2021. The construction site visited by our Students was Magnolia Fantasia, a huge residential complex on European architecture, a Project by Magnolia Infrastructure Development Limited. After this long pandemic session, it was a moment of rejoicing for the final year students as they have done today's visit physically and they have learned a lot about various innovative construction technology.

