



from the desk of the
PRESIDENT

Dear Member,



22th January, 2022

I would like to take this opportunity of wishing you and your families a very Happy and Prosperous 2022. A year back, around this time the country had rolled out the COVID vaccine. While we have undergone unprecedented adversities throughout the last year and are weathering the third COVID wave which is still persistent, even then, today we stand more confident having built up on our strengths with more resilience on all fronts.

The country's economy is on a path of recovery although growth projections have been revised downward with coal shortages, high oil prices and inflationary pressures creating challenges. As per the recently launched United Nations (WESP) 2022 report, India's economic recovery is on a solid path though, amid rapid vaccination progress, less stringent social restrictions and supportive fiscal and monetary stances. The need is for private sector investments to support a long term economic recovery. A strong external sector will also help. We are also looking forward to the free trade agreements that should be firmed up with the next year or so. A sustainable future with more renewables in our energy mix will propel the country as a leader in the world economic revivals.

We await a growth focused Union Budget this year to bolster the economy through greater public expenditure and tax reforms to further strengthen the country's economic front.

As far as the Chamber's event calendar is concerned, it has been consistently catering to the focused segments and creating value for its stakeholders in the process. The last couple of months, as you would find from the latest edition of the Newsletter, your Chamber had organized quite a few programmes of relevance and significance. The India International Mega Trade Fair, the "Skill Synergy", a stakeholder consultation programme to understand the demand-supply gap, the Minerals, Metals and Mining Conclave, held over two days, deliberating on the crucial aspects of primarily the coal and steel sectors, their current challenges and future strategies, the Entrepreneurship Conclave 2021 – North Bengal Edition", "Health for Inclusive Growth", deliberating on extremely pertinent issues, are a few of them. More of such programmes are scheduled to be rolled out in the coming months.

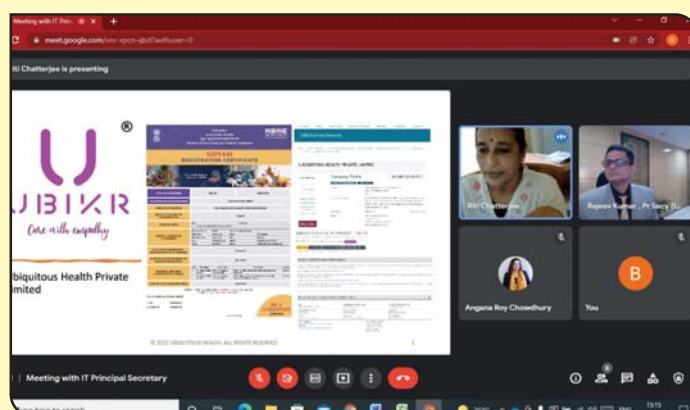
I would like to thank all our Members for their support and the Chairpersons and Co-Chairpersons for their time and sustained efforts towards planning and presenting events and activities of interest and relevance for a wide segment of industry.

With warm regards,

Sd/-
Abraham G Stephanos
President

NEWS FLASH

The WEBEL BCC&I Tech Incubation Centre organized a two day virtual session for the incubates of the Centre with Shri Rajeev Kumar, IPS, Principal Secretary, Department of Information Technology and Electronics, Government of West Bengal on 17th and 24th December respectively. The session was coordinated and moderated by Ms. Angana Guha Roy Chowdhury, Director and Head-Operations, The Bengal Chamber of Commerce and Industry. Mr. Kumar met the health tech start-ups of the Centre on virtual platform and assessed their business propositions and spoke about various ways the Government may be supporting them in their business development and have asked to share their business decks with his office. The session was highly benefitting for all the start-ups and the team is following up on the meetings for a fruitful outcome.



PROGRAMME

FIFTH EDITION OF DISCUSSION FORUM ON ECOLOGICAL SUSTAINABILITY IN THE INDUSTRIAL REGION OF HALDIA

30th November 2021,
Haldia

The Chamber has over the last several years, been providing a relevant and sustainable forum towards promoting clean technology access and energy and environment management. A continuous endeavour has been to focus on sustainable development and to disseminate information and educate business, industry and society about the need for balancing industrial growth with ecological stability.

The Chamber believes that addressing the environmental impacts in the industrial region is the need of the hour.

The objective of the Discussion Forum is to bring together the stakeholders of Haldia Industrial Belt, Policy Makers and Industry Leaders to brainstorm and share the best practices and cutting edge technologies to take forward the industrial development of the State with adequate fortification towards vulnerability of ecology.

Industry bodies like Indian Oil Corporation Ltd. - Haldia Refinery, Exide Industries Ltd, Indorama India Pvt Ltd., Haldia Energy

Ltd., Haldia Petrochemicals Ltd., and Haldia Water Services Pvt Ltd. were present to express their views of sustainable development of the city.

This year, the sessions were focused on:

- **Session on Ecological Sustainability in the Industrial Region**
- **Best Practices for Ecological Sustainability in Industrial Region**

Mr. Subir Chakraborty, President Designate, The Bengal Chamber of Commerce and Industry and Managing Director & Chief Executive Officer, Exide Industries Limited delivered the Welcome address. The Keynote address was delivered by **Mr. Partha Ghosh**, Executive Director & Refinery Head, Indian Oil Corporation Ltd. **Dr. Sanjay Chakraborty**, Chief Manager-Environment, Haldia Energy Ltd. (A Subsidiary of CESC Ltd) & **Mr. Chiranjib Bhowmik**, General Manager- Haldia Energy Ltd and **Mr. Arun Mondal**, Senior Manager- Environment,

30th November 2021,
Haldia

FIFTH EDITION OF DISCUSSION FORUM ON ECOLOGICAL SUSTAINABILITY IN THE INDUSTRIAL REGION OF HALDIA

Indorama India Private Limited addressed us in the session on **Ecological Sustainability in the Industrial Region**. **Mr. Krishnakant Singh**, Head - Production (Industrial) II FACTORY, Exide Industries Ltd, **Mr. Saugata Mahindar**, Deputy General Manager, Haldia Petro Chemicals Ltd and **Mr. Utpal Chakraborty**, DGM, Haldia Water Services Pvt Ltd were the key speakers in the session on **Best Practices for Ecological Sustainability in Industrial Region**.



(L-R) **Mr. Partha Ghosh**, Executive Director & Refinery Head, Indian Oil Corporation Ltd., **Ms. Angana Guha Roy Chowdhury**, Director and Head Operations, The Bengal Chamber of Commerce and Industry and **Mr. Subir Chakraborty**, President Designate, The Bengal Chamber of Commerce and Industry and Managing Director & Chief Executive Officer, Exide Industries Limited



Dr. Sanjay Chakraborty, Chief Manager-Environment, Haldia Energy Ltd. (A Subsidiary of CESC Ltd)



(L-R) **Mr. Utpal Chakraborty**, DGM, Haldia Water Services Pvt Ltd; **Mr. Krishnakant Singh**, Head - Production (Industrial) II FACTORY, Exide Industries Ltd and **Mr. Saugata Mahindar**, Deputy General Manager, Haldia Petro Chemicals Ltd



Mr. Partha Ghosh, Executive Director & Refinery Head, Indian Oil Corporation Ltd



Mr. Chiranjib Bhowmik, General Manager- Haldia Energy Ltd



Mr. Arun Mondal, Senior Manager- Environment, Indorama India Private Limited



The audience

PROGRAMME

1ST AND 2ND EDITION OF THE SKILL SYNERGY : BRIDGING THE INDUSTRY AND VOCATIONAL EDUCATION SYSTEM IN WEST BENGAL

3rd and 17th December 2021,
Chamber Premises

The Bengal Chamber of Commerce & Industry (BCC&I) is currently involved in a skill development project, **“Dual Apprenticeships Create Better and More Equitable Social and Economic Outcomes for Young People”** which is spearheaded by University of Glasgow, School of Education and Indian Institute of Management, Calcutta. The objective of the study is to identify the skill gap between the demand in the industry and skilled manpower. It is an India focused study where West Bengal has been selected as one of the sample States. To identify the gap, The Bengal Chamber will be organizing high profile stakeholders’ meeting in Kolkata. The aim of this project is to support more effective implementation of dual apprenticeship in India and Mexico and to strengthen the capacity of project partners to evaluate their apprenticeships in the medium to long term. Dual apprenticeships combine a strong component of school-based education with highly regulated work-based training in integrated learning plans leading to a formal qualification and have proven successful in Germanic countries. The project will analyse the drivers of the adoption and re-contextualization of dual apprenticeships in India and Mexico; it will evaluate

their implementation and impact on inequalities of access, learning and labour market outcomes among young people; and it will provide evidence-based policy recommendations to inform current design and implementation of dual apprenticeships.

BCC&I organized this Skill Synergy Programme on both 3rd and 17th December 2021 as stakeholder consultations to understand the demand supply gap and create a bridge between Industry, Government and Academia. The Stakeholder Consultation’s programme was attended by industry players, Academicians, Ministers from State Government, Principal Secretary - Department of Technical Education, Training and Skill Development. The Chamber project team is currently conducting In-depth research to analyze the cause of skill gap and recommend the way forward to address the skill gap.



Dr. Humayun Kabir, IPS (VRS), Minister of State (IC), Department of Technical Education, Training & Skill Development, Govt. of West Bengal



Delegates attending the seminar



Shri Anoop Kumar Agrawal, IAS, Principal Secretary, Department of Technical Education, Training & Skill Development, Govt. of West Bengal



Mr. Sushim Banerjee, Chief Executive Officer, Indian Iron and Steel Sector Skill Council (IISSC)



Dr. Srabani Maitra, Co-Principal Investigator, Dual Apprenticeship Project and Senior Lecturer in Sociology of Education (Culture, Literacies, Inclusion & Pedagogy)



Dr. Saikat Maitra, Professor, Indian Institute of Management, Calcutta

9th-10th December 2021,
Virtual

MINERALS, MINING AND METALS E-CONCLAVE

Day 1

The 'Minerals and Mining' & 'Metals' Committees of the Bengal Chamber led by Mr. P. S. Bhattacharyya, Chairman, Minerals & Mining Committee, BCC&I and Former Chairman, Coal India; Mr. Rana Som, Co Chairman, Minerals & Mining Committee, BCC&I and Former CMD, NMDC; Mr. P. K. Mukherjee, Co Chairman, Minerals & Mining Committee, BCC&I, and Former MD, Sesa Goa Limited; Mr. Sandeep Kumar, Chairperson, Metals Committee and Managing Director, Tata Metaliks Limited, Dr. Debashish Bhattacharjee, Mentor, Metals Committee, BCC&I and Vice President – Technology and New Materials Business, Tata Steel Limited jointly organized the annual flagship "Minerals, Mining and Metals e-Conclave" on 9-10 December 2021 on an exclusive online platform.

The theme of the e-Conclave was "Indian Minerals, Mining and Metals sectors: What Lies Beneath, What Lies Ahead".

While the Day 1 of the E-Conclave extensively focused on the 'Indian Coal Industry-The Crisis', 'The Solution and the Preparedness for the Future', 'India's 2070 Net-Zero Pledge: What it implies for the future of Coal Industry in the country', 'Coal Gasification: The Game Changing Factor in Green Energy' and 'India's Energy Grid of the Future'; the Day 2 of the E-Conclave focussed on 'Indian Mining Sector, Indian Steel Industry: Rewriting the growth story of India', 'Can the Indian Steel Industry Capitalize on the current upsurge in the steel markets', 'Future Outlook of Steel Raw Materials and Ocean Freight', 'Challenges in De-Carbonization of Indian Steel Industry' and 'Non Ferrous: Challenges and Opportunities'.

The Opening Session on Day 1 was addressed by Mr. P. S. Bhattacharyya, Chairman, Minerals & Mining Committee, BCC&I and Former Chairman, Coal India. The Chief Guest was Dr. Anil Kumar Jain, IAS, Secretary, Ministry of Coal, Government of India and Shri Sutirtha Bhattacharya, Former Chairman, Coal India and Chairperson, WBERC was the Guest of Honour. Mr. Abraham Stephanos, President, BCC&I and Managing Director, Tata Steel Downstream Products Limited delivered the Welcome Address on both the days. Mr. Sandeep Kumar, Chairperson, Metals Committee and Managing Director, Tata Metaliks Limited delivered the Vote of Thanks and the Concluding remarks.

In his inaugural address, Dr. Anil Kumar Jain, IAS, Secretary, Ministry of Coal, Government of India mentioned that the current round of commercial coal block auctions has drawn a good response. The current round has got two or more bids for the 18 mines. Some were legacy mines but the addition of some more new mines created interest. This is being seen as a positive turn since the previous round didn't get much response as the first tranche of auctions did. He said that in

the future rounds when the Ministry comes up with more new explored mines, the response is expected to be even better. Dr. Jain further stated that the Centre would bring the coal sector under the national monetisation pipeline aggressively even as it has relaxed norms forbidding coal blocks, wanting them to handover over to the qualified bidders, risk-free. He said that the government is looking at monetising the first-mile connectivity (FMC) projects and the railway projects, which Coal India Ltd. is developing solely or through JVs. Dr. Jain also said that COP26 brings some uncertainty particularly to developing countries. He said the government is working on a road map to achieve net zero carbon emission. This will give a greater clarity on how the 2070 target will affect various sectors. He announced that coal gasification revenue sharing has been raised at 50% from earlier 20%.

A Fireside Chat was organised with Mr. Pramod Agrawal, IAS, CMD, Coal India on "Indian Coal Industry: The Crisis, The Solution and the Preparedness for the Future" hosted by Mr. P. S. Bhattacharyya, Chairman, Minerals & Mining Committee, BCC&I and Former Chairman, Coal India. During the conversation Mr. Agrawal said that he does not foresee any shortage of dry fuel for power producers till March 2022 as Coal India is focusing on ramping up production to secure a stock of about 70 million tonne by end of the current fiscal. Around 100 million tonne of pithead stock, which was carried forward from the last fiscal, was "not desired" but it helped CIL meet requirements when coal demand went up a few months ago. He said the last quarter saw "high" output, and issues related to the production of Central Coalfields Ltd and Bharat Coking Coal Ltd are also getting resolved.

Mr. Agrawal also observed that the shortage of coal at thermal plants, which had triggered fear of massive power outages recently, could once again pose a problem if Coal India Ltd does not ramp up its production. There may be some problem in July-August 2022 if production is not increased. He said that there were many factors which compounded the problem – Covid, extended rainfall, lower stock at power houses and increasing prices of international coal. If all these factors again affect then there could be a problem but the probability looks low. The way CIL is increasing production and despatches Mr. Agrawal felt that at power houses the stock will be higher than 40 mt so there will be a cushion. He was also optimistic about resolving issues pertaining to land for Rajmahal mine of Eastern Coalfields with the Jharkhand government at the earliest. CIL is also exploring opportunities in solar power and mining other resources like bauxite mining in Odisha.

There was a Special Plenary Session with Guest of Honour, Mr. Naveen Jindal, Chairman, Jindal Steel and Power Ltd. on "Indian Mining Sector : At the Crossroads". In his Keynote

Address, Mr. Jindal observed that aggressive participation for far fewer blocks pushes up mineral prices and erodes the country's competitiveness internationally. He said that the country has too many entrepreneurs and there is too much competition for every block. The government also sometimes, creates an artificial scarcity by only leaving a few blocks of iron ore or coal. He insisted that the government must ensure that there are enough blocks for everyone as it charges a high royalty on all minerals. Mr. Jindal also said that the State governments have a larger role to play and should create an enabling environment as they stand to be the biggest beneficiary with the highest revenue.

With the opening up of commercial coal mining, Mr. Jindal was confident that there's no need for India, which imports around 1.5-lakh crore worth of coal every year, to continue that, except for some coking coal. Mr. Jindal said that the sector is already contributing to 1.5 per cent of the GDP, and this can be doubled. However, there are a few challenges, especially when it comes to land acquisition, rehabilitation of people, and getting clearances. On the clearances, Mr. Jindal said that there should be a single window mechanism for getting all the clearances.

Other important dignitaries to address the E-Conclave on Day 1 were Mr. N C Jha, Managing Partner, Prolific Coal Consortium, and Former CMD, Coal India Ltd., Mr. Rakesh Kumar, Chairman & MD, NLC India Ltd., Mr. V R Sharma, MD, JSPL, Mr. Binay Dayal, Director- Technical, Coal India Ltd, Mr. Dilip Kumar Mohanty, Director Production, NMDC Ltd, Mr. Biswadipta Gupta, President- Corporate Affairs (East), JSW Steel Ltd. & Former President, BCC&I, Ltd, Mr. Sunil Chaturvedi, Chairman & MD, Gainwell Commosales Pvt. Ltd., Mr. B Prabhakaran, MD, Thriveni Earth Movers Pvt. And Mr. Deepak Mahurkar, Partner, PwC.

In the background of India's Net Zero pledge at COP26, an 'Experts Roundtable' was held on the topic - "India's Energy Grid of the Future: How Solid Fuels, Gasification, Carbon Capture, and Distribution Hubs will form the Building Blocks of the Net Zero Energy Landscape in India". The session was moderated by Mr. Abhijit Sarkar, Vice President, Dastur Energy. The panel keynote address was delivered by Shri M Nagaraju, IAS, Additional Secretary, Ministry of Coal, Government of India. The session was addressed by Mr. Phil Amick, Founder, Hard Carbon Technologies, Houston, TX, USA, Mr. Ben Owens, Vice President and General Manager, Honeywell PMT, USA, Dr. Kenneth B. Medlock III, the James and Susan G. Baker Fellow in Energy and Resource Economics at the Baker Institute and the Senior Director, Center for Energy Studies at Rice University, TX, USA, Ms. Kristjana Kristjansdóttir, Director of Projects, Carbon Recycling International (CRI), Iceland and Dr.

Vikram Vishal, Associate Professor Department of Earth Sciences, IIT Bombay.

Day 2

As of September 2021, India was the world's second-largest producer of crude steel, with an output of 9.5 MT. In FY21, the production of crude steel and finished steel stood at 102.49 MT and 94.66 MT, respectively. In FY22, crude steel production in India is estimated to increase by 18%, to reach 120 million tons, driven by rising demand from customers. According to the data released by Department for Promotion of Industry and Internal Trade (DPIIT), between April 2000 and June 2021, Indian metallurgical industries attracted FDI inflows of US\$ 16.0 billion. In FY22, demand for steel is expected to increase by 17% to 110 million tons, driven by rising construction activities. The National Steel Policy, 2017 envisages 300 million tons of production capacity by 2030-31. The government has a fixed objective of increasing rural consumption of steel from the current 19.6 kg/per capita to 38 kg/per capita by 2030-31.

At this juncture where the Indian Steel Industry has a bright future and is on a rising curve, the world pledges for Zero Carbon emissions. At present, 7% of global greenhouse gas (GHG) emissions come from the steel sector. The risk is particularly applicable to India. Global steel production hovers between 1.6-1.8 billion tonnes right now and half of this capacity is in China. The country, however, is cutting its steel output as it tries to achieve carbon neutrality by 2060. Not only are steel plants getting lower production targets, the country is also, moving away from primary production – smelting iron from ore, etc. – towards a bigger focus on making steel from scrap – secondary or recycled steel.

On this background, The Bengal Chamber of Commerce and Industry organised the Minerals, Mining and Metals e-Conclave keeping the theme as "Indian Steel Industry: Rewriting the growth story of India", of Day 2 of the programme.

The Inaugural Session of Day 2 of the Conclave witnessed the participation of Shri Sajjan Jindal, Chairman & MD, JSW Steel Ltd. who delivered the Keynote address as the Guest of Honour. According to Mr. Jindal, countries have realized that in order to rebuild their economy they have to invest significantly in infrastructure. He said, "while over a trillion US dollar is set aside for India's infrastructure budget, I am confident that India's path to being recognized as global power house is paved in Steel. I also see a strong new role of India as the factory of the world as the world peruses alternatives to China as its global factory. We are the front runners in replacing this East Asian giant given our skilled manpower and abundant

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Virtual

MINERALS, MINING AND METALS E-CONCLAVE

natural resources and access to quality raw material. This new role for the country in the global supply chain would not only push the required industrialization but also accelerate economic growth for our country.”

While speaking about India's pledge at COP 26, he said that JSW is actively developing plans to adopt processes to meet carbon neutral goal.

The steel industry has a crucial role to play in achieving this target. While the steel industry accounts for 0.7 percent of the world's economic output, the industry contributes to 7 percent towards global emission. This needs to change and change fast. Curtailing carbon emission will require major upgradation at the steel mills and the initiative has to be taken at the industry and the policy level. He advocated substituting Hydrogen for Carbon as a reducing agent and using renewable electrical energy for all the requirement in the steel plant. While the transition period will involve high initial capital cost and OPEX cost, proactive government support through well designed policy will ensure that the industry is not discouraged from making this transition.

Day 2 of the Conclave also hosted a chat session with Ms. Soma Mondal, Chairman, SAIL. Mr. Sandeep Kumar, Chairperson, Metals Committee and Managing Director, Tata Metaliks Limited, during his conversation with Ms. Soma Mondal, Chairman, SAIL focused on “Steel Sector's Bull Run: How long will the steam last”. Ms. Mondal during the conversation said that Steel is on a demand drive. Domestic demand of steel remains intact and there has been a push from the Central Govt. towards improved spending on Infrastructure & Construction. Schemes like Saga Mala, Bharat Mala, dedicated Freight Corridor, Express ways, Highways, Airports, Bullet Trains, investment in Defense Corridor, and growth in Real Estate has kept the domestic steel consumption intact. Automobiles, Packaging, Pipes & Tubes also hold a good promise. India continues to be an exporter of steel and the domestic consumption has almost attained the pre-covid levels. China cutting down on steel production gives India an advantage of export of steel where India is in direct competition with China like the middle east and the South East Asia. But this will also have an adverse effect on the price of raw materials as the demand of raw material like iron ore and coal will go down.

In context of India's commitment in COP 26, Ms. Mondal mentioned that it is not a burden but a responsibility for the steel industry. Moreover, the industry's de-carbonization should happen not only because of its pledge in COP 26 but due to its own technological development and the need to remain globally competitive, as the developed nations would

impose carbon penalties & carbon prices; for example, proposed carbon tax by EU. However, technologies of de-carbonisation are still at experimental stages and the production cost can be assessed only when viable technologies are stabilized.

Other Speakers of the Day are :

Mr. Seshagiri Rao, Joint MD & Group CFO, JSW Steel Ltd

Mr. Alain Legrix de La Salle, , Director-Sales & Marketing, CMO, ArcelorMittal Nippon Steel India

Mr. Tuhin Kumar Mukherjee, Managing Director, Essel Mining & Industries Limited and Sector Head, Mineral Resources Development, Aditya Birla Group. and Member, Minerals and Mining Committee, BCC&I

Mr. Ranjan Sinha, Director- Raw Materials Procurement & Chief Group Shipping, Tata Steel Ltd.

Mr. Yiming Zeng, Senior Editor-Iron ore, S&P Global Platts

Mr. Ashok Kumar, Chief Technical Advisor, Tata Steel, UK

Ms. AnveshaThakker, Global Co-Head: Climate Change & Decarbonization, KPMG IMPACT and Partner: KPMG India and Industry Lead: Renewable Energy

Mr. Sphatik Bhattacharyya, Process Expert, Tata Consulting Engineers Ltd.

Dr. P K Banerjee, Chief Technology Officer, Hindalco
Mr. Sanjay Panjiyar, Director- Operations, with additional charge of Director Mining, HCL

The Sessions were moderated by :

Mr. Rana Som, Co Chairman, Minerals & Mining Committee, BCC&I and Former CMD, NMDC

Mr. Sandeep Kumar, Chairperson, Metals Committee and Managing Director, Tata Metaliks Limited

Mr. P K Mukherjee, Co Chairman, Minerals & Mining Committee, BCC&I, and Former MD, Sesa Goa Limited
Dr. Debashish Bhattacharjee, Mentor, Metals Committee, BCC&I and Vice President – Technology and New Materials Business, Tata Steel Limited, and,

Mr. Anubhav Jain, MD & Partner, Boston Consulting Group
Dr. Ranjit Rath, CMD, MECL

PROGRAMME

MINERALS, MINING AND METALS E-CONCLAVE

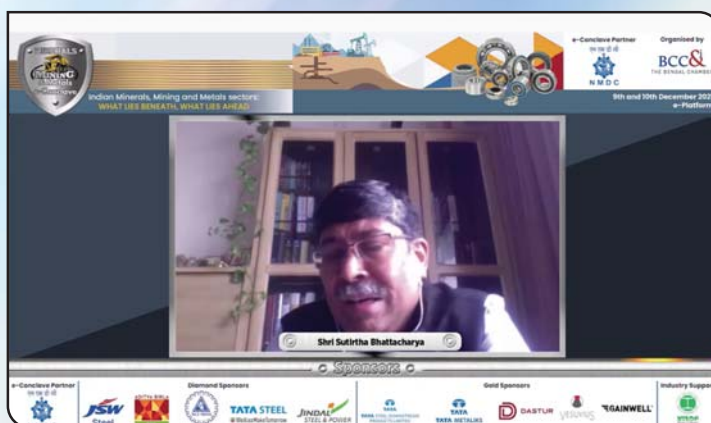
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The Conclave also witnessed an overwhelming participation from Minerals, Mining, Metals and its allied industry. The programme has received above four lakh viewers and widespread media coverage both in national newspapers and online portals. The participants varied from mining companies, steel products & steel alloys producing companies, Engineering Industry, Mining Equipment & Machinery producing companies, Sponge Iron Manufacturers, Mineral Trading Companies, Institutes with Department of Geology, Geo-Spatial companies, Consultants and also Engineers. The participation included big corporate as well as small & medium companies to individuals like faculties, Engineers, Designers & consultants.

Day 1



Mr. Abraham Stephanos, President, BCC&I and Managing Director, Tata Steel Downstream Products Limited delivering the Welcome Address at the Minerals Mining & Metals e-Conclave



Shri Sutirtha Bhattacharya, Former Chairman, Coal India and Chairperson, WBERC, addressing at the inaugural session of Day 1 of the Conclave as the Guest of Honour



Shri Sutirtha Bhattacharya, Former Chairman, Coal India and Chairperson, WBERC, addressing at the inaugural session of Day 1 of the Conclave as the Guest of Honour



Mr. P S Bhattacharyya, Chairman, Minerals & Mining Committee, BCC&I and Former Chairman, Coal India giving the Opening Remarks at the Minerals Mining & Metals e-Conclave



Mr. Sandeep Kumar, Chairperson, Metals Committee and Managing Director, Tata Metaliks Limited, giving the Vote of Thanks at the inaugural session of Day 1 of the Conclave

9th-10th December 2021,
Virtual

MINERALS, MINING AND METALS E-CONCLAVE



Shri Naveen Jindal, Chairman, Jindal Steel and Power Ltd. Speaking on “Indian Mining Sector: At the Crossroads” at a Special Plenary Session on Day 1 of the Conclave



Mr. Dilip kumar Mohanty, Director Production, NMDC Ltd. speaking at the Experts Roundtable- “Indian Minerals and Mining sectors: What Lies Beneath, What Lies Ahead”



Mr. Rana Som, Co Chairman, Minerals & Mining Committee, BCC&I and Former CMD, NMDC. In conversation with Mr. Dilip kumar Mohanty, Director Production, NMDC Ltd



Mr. Biswadip Gupta, President- Corporate Affairs (East), JSW Steel Ltd. & Former President, BCC&I speaking at the Experts Roundtable- “Indian Minerals and Mining sectors : What Lies Beneath, What Lies Ahead”

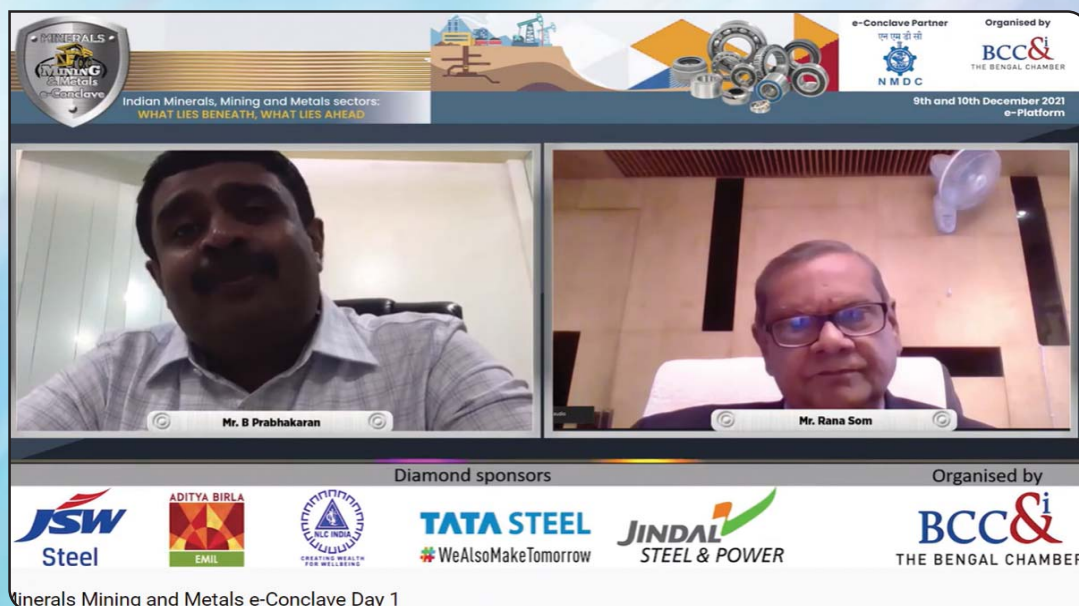


Mr. Rakesh Kumar, Chairman & MD, NLC India Ltd. speaking at Business Session II on “India’s 2070 Net-Zero Pledge : What it implies for the future of Coal Industry in the country?”

PROGRAMME

MINERALS, MINING AND METALS E-CONCLAVE

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Mr. Rana Som, Co Chairman, Minerals & Mining Committee, BCC&I and Former CMD, NMD C in conversation with Mr. B Prabhakaran, MD, Thriveni EarthMovers Pvt. Ltd. at the Experts Roundtable- "Indian Minerals and Mining sectors: What Lies Beneath, What Lies Ahead"

Speakers at Business Session I : Experts Roundtable- "Indian Minerals and Mining sectors : What Lies Beneath, What Lies Ahead"



Mr. P S Bhattacharyya, Chairman, Minerals & Mining Committee, BCC&I and Former Chairman, Coal India in conversation with Shri Pramod Agrawal, CMD, Coal India on "Indian Coal Industry : The Crisis, The Solution and the Preparedness for the Future" at a Fireside Chat Session of the Conclave

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Virtual

MINERALS, MINING AND METALS E-CONCLAVE

Indian Minerals, Mining and Metals sectors:
WHAT LIES BENEATH, WHAT LIES AHEAD

9th and 10th December 2021
e-Platform

India's Commitment at COP 26

Hon'ble Prime Minister of India during his speech at COP 26 made the following pledges on India's decarbonisation roadmap:

1. Increase non-fossil energy capacity to 500 GW (gigawatts) by 2030.
2. Meet 50 percent of energy requirements from renewable energy (RE) by 2030.
3. Reduce the total projected carbon emissions by 1 billion tonnes (BT) by 2030.
4. Reduce the carbon intensity of the economy by less than 45 percent.
5. Achieve net zero carbon by 2070.

Gold sponsors

Organised by

TATA STEEL DOWNSTREAM PRODUCTS LIMITED, TATA METALIKS, DASTUR, VESUVIUS, GAINWELL, BCC& THE BENGAL CHAMBER

Mr. N C Jha, Managing Partner, Prolific Coal Consortium, and Former CMD, Coal India Ltd. Presenting on "India's 2070 Net-Zero Pledge : What it implies for the future of Coal Industry in the country?" at Business Session II of Day 1 of the Conclave

Indian Minerals, Mining and Metals sectors:
WHAT LIES BENEATH, WHAT LIES AHEAD

9th and 10th December 2021
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Mr. Binay Dayal

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JSW Steel, ADITYA BIRLA, TATA STEEL, JINDAL STEEL & POWER, WeAlsoMakeTomorrow, BCC& THE BENGAL CHAMBER

Mr. Binay Dayal, Director- Technical, Coal India Ltd. speaking at Business Session II on "India's 2070 Net-Zero Pledge: What it implies for the future of Coal Industry in the country?"

Indian Minerals, Mining and Metals sectors:
WHAT LIES BENEATH, WHAT LIES AHEAD

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Mr. Sunil Chaturvedi

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Mr. Sunil Chaturvedi, Chairman & MD, Gainwell Commosales Pvt. Ltd. speaking at Business Session II on "India's 2070 Net-Zero Pledge : What it implies for the future of Coal Industry in the country?"

Speakers at Business Session IV :
"Experts Roundtable on "India's Energy Grid of the Future : How Solid Fuels, Gasification, Carbon Capture, and Distribution Hubs will form the Building Blocks of the Net Zero Energy Landscape in India"

Indian Minerals, Mining and Metals sectors:
WHAT LIES BENEATH, WHAT LIES AHEAD

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Mr. Abhijit Sarkar

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PROGRAMME

MINERALS, MINING AND METALS E-CONCLAVE

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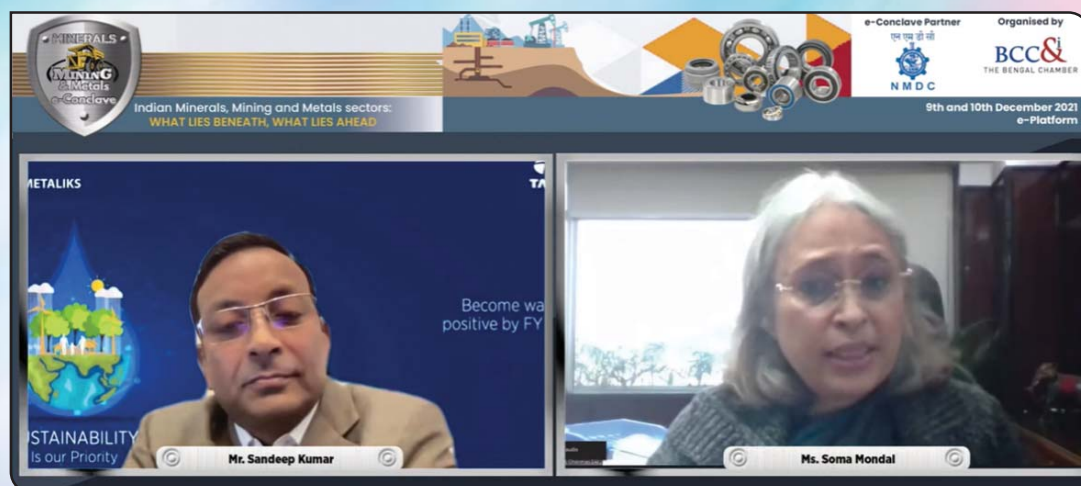
Day 2



Shri Sajjan Jindal, Chairman & MD, JSW Steel Ltd. delivering the Keynote Address as the Guest of Honour at the Inaugural Session of Day II of the Conclave



Ms. Soma Mondal, Chairman, SAIL speaking on "Steel Sector's Bull Run: How long will the steam last" at Business Session I of Day II of the Conclave



Mr. Sandeep Kumar, Chairperson, Metals Committee and Managing Director, Tata Metaliks Limited in conversation with Ms. Soma Mondal, Chairman, SAIL on "Steel Sector's Bull Run: How long will the steam last" at Business Session I of Day II of the Conclave



Mr. Seshagiri Rao, Joint MD & Group CFO, JSW Steel Ltd speaking at Business Session II, Experts Roundtable on "Can the Indian Steel Industry Capitalize on the current upsurge in the steel markets", of Day II of the Conclave



Mr. Alain Legrix de La Salle, Director-Sales & Marketing, CMO, Arcelor Mittal Nippon Steel India speaking at Business Session II, Experts Roundtable on "Can the Indian Steel Industry Capitalize on the current upsurge in the steel markets", of Day II of the Conclave

9th-10th December 2021,
Virtual

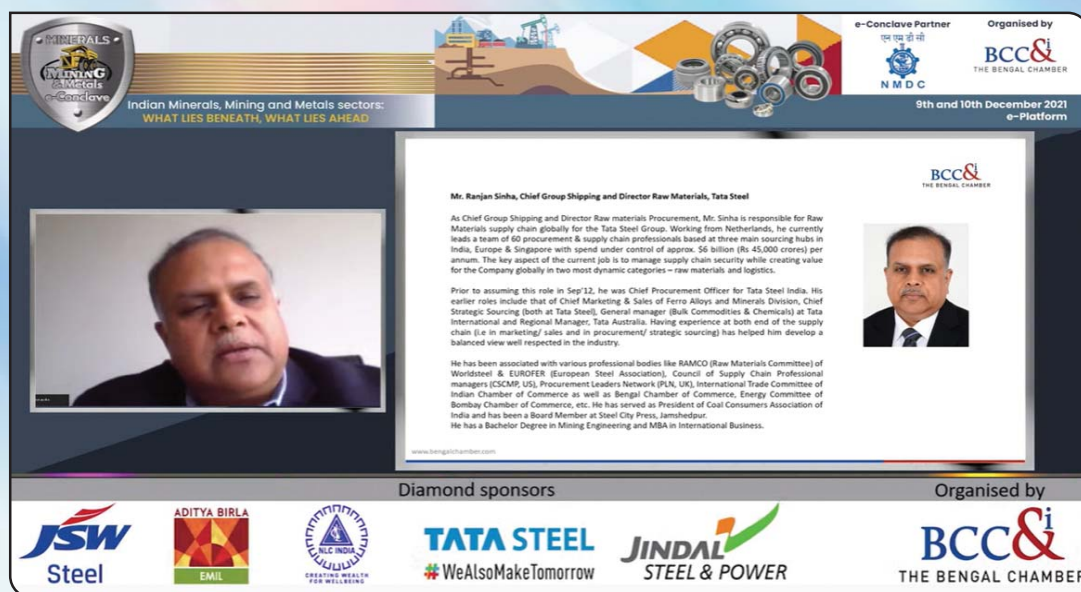
MINERALS, MINING AND METALS E-CONCLAVE



Mr. Tuhin Kumar Mukherjee, Managing Director, Essel Mining & Industries Limited and Sector Head, Mineral Resources Development, Aditya Birla Group. and Member, Minerals and Mining Committee, BCC&I speaking on "Future Outlook of Steel Raw Materials and Ocean Freight" at Business Session III, Day II of the Conclave



Dr. Debashish Bhattacharjee, Mentor, Metals Committee, BCC&I and Vice President – Technology and New Materials Business, Tata Steel Limited moderating Business Session IV, Experts Roundtable on "Challenges in De-Carbonization of Indian Steel Industry"



Mr. Ranjan Sinha, Director- Raw Materials Procurement & Chief Group Shipping, Tata Steel Ltd. presenting at Business Session III, Day II of the Conclave

Mr. Yiming Zeng, Senior Editor-Iron ore, S&P Global Platts in conversation with Mr. P K Mukherjee, Co Chairman, Minerals & Mining Committee, BCC&I, and Former MD, Sesa Goa Limited while speaking on "Future Outlook of Steel Raw Materials and Ocean Freight" at Business Session III, Day II of the Conclave



PROGRAMME

MINERALS, MINING AND METALS E-CONCLAVE

9th-10th December 2021,
Virtual



Mr. Ashok Kumar, Chief Technical Advisor, Tata Steel, UK speaking at the Experts Roundtable on “Challenges in De-Carbonization of Indian Steel Industry”



Ms. AnveshaThakker, Global Co-Head : Climate Change & Decarbonization, KPMG IMPACT and Partner: KPMG India and Industry Lead : Renewable Energy speaking at the Experts Roundtable on “Challenges in De-Carbonization of Indian Steel Industry”



Mr. Sphatik Bhattacharyya, Process Expert, Tata Consulting Engineers Ltd. speaking at the Experts Roundtable on “Challenges in De-Carbonization of Indian Steel Industry”



Speakers at Business Session V, Experts Roundtable on “Non Ferrous : Challenges and Opportunities”

11th December 2021,
Siliguri

'THE ENTREPRENEURSHIP CONCLAVE 2021 – NORTH BENGAL EDITION'

The Entrepreneurs' Committee of The Bengal Chamber of Commerce and Industry organized 'The Entrepreneurship Conclave 2021 – North Bengal Edition' on Saturday, 11th December 2021 at Hotel Treebo Tryst Blue Mountain Country Club & Resort, Siliguri, West Bengal.

A brief about The Event

The Entrepreneurship Conclave 2021 – North Bengal Edition recognized exceptional entrepreneurs of North Bengal in different industry verticals whose innovative approach & clutter-breaking ideas have created positive changes in the business and social ecosystem in Bengal and India. Moving a step further from 'empowerment', the platform looked to acknowledge and enable leaders & achievers who have opened up new opportunities for themselves & for others.

Through the programme, it showcased stories, lessons and even failures that proved critical in growing up as entrepreneurs in current rising India. It also served as a melting pot of different kinds of industry stakeholders talent and abilities that come together to create a successful & future fit company.

The programme identified and recognized entrepreneurs of North Bengal with outstanding entrepreneurial vision and skills irrespective of their size, capital and geography who are instrumental in the socio-economic development. The aim of the initiative was to encourage dynamic, sustainable and forward-thinking entrepreneurs, who are contributing to the development of the economy and society in general. This initiative recognized entrepreneurship aiming at promoting further entrepreneurial activity. The recognition also aimed to contribute to the promotion, growth & implementation dynamic entrepreneurial network.



Emceeing by Mr. Kumar Shivam, Associate Director – Strategy and Business Development, The Bengal Chamber of Commerce and Industry

Distinguished Speakers:

Mr. Binod Homagai, Co-Chairperson, The Entrepreneurs' Committee, The Bengal Chamber of Commerce and Industry & Co-Founder & COO, Wow Momo Foods Pvt. Ltd.

Mr. Anirban Biswas, Chairperson, North Bengal Development – Taskforce, The Entrepreneurs' Committee, The Bengal Chamber of Commerce and Industry

Dr. Aviral Roy, Consultant- Intensivist, Medica Superspecialty Hospital

Ms. Kamakshi Kumar, Founder, The Analysis Company (TAC Academy)

List of Felicitations :

Mr. Kajal Sarkar, Managing Director, KS Group

Mr. Swarup Kar, Partner, M/S Kar Construction & Co.

Mr. Sudip Tarafdar, Founder, Xelent Advertising

Mr. Kuntal Ghosh, Educationist

Successful Entrepreneurs shared their story of journey to success which inspired budding entrepreneurs and young start-ups to strive for professional excellence and also motivated them to be more focused in their professional career.

In a nutshell, the summit created the ultimate platform, ensuring the participants to meet the right people, in the right business atmosphere through effective curation.



Welcome Address by Mr. Anirban Biswas, Chairperson, North Bengal Development – Taskforce, The Entrepreneurs' Committee, The Bengal Chamber of Commerce and Industry

PROGRAMME

'THE ENTREPRENEURSHIP CONCLAVE 2021 – NORTH BENGAL EDITION'

11th December 2021,
Siliguri



Theme Address by Mr. Binod Homagai, Co-Chairperson, The Entrepreneurs' Committee, The Bengal Chamber of Commerce and Industry and Co-Founder & COO, Wow Momo Foods Pvt Ltd



Special Address on Basic Health Care Support for Entrepreneurs by Dr. Aviral Roy, Consultant- Intensivist, Medica Superspecialty Hospital



Special Address on Capacity Building for Entrepreneurship Development by Ms. Kamakshi Kumar, Founder, The Analysis Company (TAC)



Team from KS Group receiving recognition on behalf of Mr. Kajal Sarkar, Managing Director, KS Group from Mr. Anirban Biswas, Chairperson, North Bengal Development – Taskforce, The Entrepreneurs' Committee, The Bengal Chamber of Commerce and Industry and Mr. Binod Homagai, Co-Chairperson, The Entrepreneurs' Committee, The Bengal Chamber of Commerce and Industry



Mr. Swarup Kar, Partner, M/S Kar Construction & Co. receiving recognition from Mr. Anirban Biswas, Chairperson, North Bengal Development – Taskforce, The Entrepreneurs' Committee, The Bengal Chamber of Commerce and Industry and Mr. Binod Homagai, Co-Chairperson, The Entrepreneurs' Committee, The Bengal Chamber of Commerce and Industry



Mr. Sudip Tarafdar, Founder, Xelent Advertising receiving recognition from Mr. Anirban Biswas, Chairperson, North Bengal Development – Taskforce, The Entrepreneurs' Committee, The Bengal Chamber of Commerce and Industry and Mr. Binod Homagai, Co-Chairperson, The Entrepreneurs' Committee, The Bengal Chamber of Commerce and Industry

11th December 2021,
Siliguri

'THE ENTREPRENEURSHIP CONCLAVE 2021 – NORTH BENGAL EDITION'



Representative from the office of Mr. Kuntal Ghosh, Educationist receiving recognition from Mr. Anirban Biswas, Chairperson, North Bengal Development – Taskforce, The Entrepreneurs' Committee, The Bengal Chamber of Commerce and Industry and Mr. Binod Homagai, Co-Chairperson, The Entrepreneurs' Committee, The Bengal Chamber of Commerce and Industry



A section of audience

14th December 2021,
Virtual

BCC&I - Step Forward : A Power Session on "Need of Business Resilience in Today's Scenario"

The Bengal Chamber of Commerce and Industry organised the second edition of the BCC&I Step Forward, a specially curated power talk session of BCC&I's Lifestyle Committee aiming towards "Good Life – Happy Living". The second edition was based on "Need of Business Resilience in today's scenario". The session was addressed by Mr. Joydeep Sengupta, Senior Partner, McKinsey & Company from Dubai, UAE, Mr. Shyatto Raha, Founder and CEO, MyHealthcare from Delhi and Mr. Sourav Daspatnaik, Managing Director, Swach Environment Private Limited, Kolkata, India on 14th December 2021 through virtual platform.

"The world today is fast evolving and the markets dynamics are getting altered much quicker than they used to. The only way to keep pace with these variations is by stepping out of one's comfort zone and transforming with the times. An individual or an organisation needs to be process oriented and structured but flexible to change to make the transformation. One also needs to be up to speed with the latest technology, especially digitisation. This edition of Step Forward has been conceived keeping the aspect of adaptability in focus and I am sure the attendees would benefit from the discourses," said Dr. Rupali Basu, Chairperson, Lifestyle Committee BCC&I and Managing Director & CEO, Woodlands Multispeciality Hospital.

Mr. Joydeep Sengupta spoke about 2 governing thoughts. Firstly, to thrive in the coming decade, a company must develop resilience as it is the ability to withstand unpredictable threats,

or changes and emerge stronger. Resilience is not just to survive but to emerge stronger, it is a natural phenomenon, it's an instinct of competency we all have and also tapping into this understanding is going to be the key. He mentioned that Resilience is an institutional muscle not a plan, this competency is a natural intrinsic business part of us. His second governing thought was that in near future speed will need to arrive not by exception but by design, Speed is likely to be a play a key role in what happens next, to achieve resilience it is imperative that speed you have successfully unlocked during the pandemic becomes a sustainable competency in the future. The speed of action is higher premium over consensus about the action.

Mr. Shyatto Raha said : Every organization has to adopt or adapt changes to ensure business continuity; largely it is led by changing consumerism landscape, competitive landscape and the global environment, in this current scenario, changing product line is very critical to ensure the business continuity. The role of IOT and AI within business operations is growing, enabling new services to try and get better margins and also improve our revenue streams within the organizations. To increase long term resilience, the digital and technology revolution will play a major role. The success will come from those organisations who have struck the right balance between business continuity and business resilience, it cannot be one over the other at any point of time, and the right balance has to be found.

PROGRAMME

BCC&I - Step Forward : A Power Session on “Need of Business Resilience in Today’s Scenario”

14th December 2021,
Virtual

Mr. Sourav Daspatnaik said : Organizations have to create resilient business planning in the entire SOP, while in designing organization, the structure and strategy of the organisation and the business continuity planning in case of a natural calamity and pandemic have to be addressed.

The session gave an understanding of the importance of business resilience with sharper focus in this current scenario as the world is going through a very tough time for almost two years now because of the pandemic and many people have been adversely affected, directly or indirectly. The session was presented by Woodlands Multispeciality Hospital Limited, supported by Ruby Park Public School and Ergo Woodlines Pvt Ltd, and had large viewership.



Address by Mr. Sourav Daspatnaik, Managing Director, Swach Environment Private Limited, Kolkata



Welcome address by Dr. Rupali Basu, Chairperson, Lifestyle Committee, BCC&I and Managing Director & CEO, Woodlands Multispeciality Hospital



Session moderated by Ms. Sukanya Bose, Deputy Director, BCC&I



Address by Guest of Honour Mr. Joydeep Sengupta, Senior Partner, McKinsey & Company, Dubai, UAE



From (L to R Clockwise) Mr. Sourav Daspatnaik, Managing Director, Swach Environment Private Limited, Kolkata, India, Mr. Joydeep Sengupta, Senior Partner, McKinsey & Company, Dubai, UAE, Mr. Shyatto Raha, Founder and CEO, My Healthcare, Delhi and Ms. Sukanya Bose, Deputy Director, BCC&I during the session



Address by Mr. Shyatto Raha, Founder and CEO, MyHealthcare, Delhi

16th December 2021, Chamber Premises
17th December 2021, Virtual

**HEALTH FOR INCLUSIVE GROWTH' DAY 1 FEATURED THE
ECONOMIC SUMMIT : "HEALTH FOR DEVELOPMENT" AND
DAY 2 HEALTHTECH : "TECH FOR SAVING LIVES"**





BCC&I
THE BENGAL CHAMBER

**HEALTH FOR
INCLUSIVE GROWTH**

ECONOMIC SUMMIT

HEALTH FOR DEVELOPMENT
16th December, 2021
Williamson Magor Hall,
The Bengal Chamber, Kolkata
& Virtual

in association with



MEDICA Superspecialty Hospital
caring for life

HEALTHTECH

TECH FOR SAVING LIVES
17th December, 2021
Virtual

The Bengal Chamber of Commerce and Industry (BCC&I) and Centre for East and North East Regional Studies, Kolkata (CENERS-K) in association with Medica Superspecialty Hospital presented 'Health for Inclusive Growth' on 16th and 17th December, 2021. Day 1 featured the ECONOMIC SUMMIT: "Health for Development" and HEALTHTECH : "Tech for Saving Lives" was on Day 2, 17th December, 2021.

Welcome Address was delivered by Air Chief Marshal (Rtd.) Arup Raha, President, CENERS-K and Hon. Member and Ambassadeur Extraordinaire, The Bengal Chamber of Commerce & Industry.

Opening Address was given by Mr. Abraham George Stephanos, President, The Bengal Chamber of Commerce & Industry and Managing Director, Tata Steel Downstream Products Limited.

Mr. A Lahiri, Former Director, HUL and Senior VP, Unilever; Convenor, Economic Summit, CENERS-K; Former President, The Bengal Chamber of Commerce & Industry and Dr. Alok Roy, Former President, The Bengal Chamber of Commerce & Industry and Chairman, Medica Group of Hospitals together introduced the concept 'Health for Inclusive Growth'. On the first day, 16th December the discussions revolved around "Health for Development" and on the following day 17th December, the emphasis was on "Tech for Saving Lives".

The Opening Session was graced by Dr. Sangita Reddy, Joint Managing Director, Apollo Hospitals. She delivered the theme address and said that 'Inclusive Growth' has been emphasized mainly after the outbreak of COVID, and the role of healthcare is very important for the inclusive growth. Dr. Reddy suggested that India needs to upgrade its health infrastructure to tackle medical challenges. Better prevention must be the issue of

priority than treating the diseases. Furthermore, she recommended that public and private nexus in the healthcare system can improve the healthcare service.

The Keynote Panel : Health for Inclusive Growth in the Opening Session was addressed by Shri Narayan Swaroop Nigam, IAS, Secretary, Department of Health and Family Welfare, Government of West Bengal, Mr. Arnab Basu, Vice President, The Bengal Chamber of Commerce and Industry and Advisory Leader and Partner, PwC India, Professor K. Srinath Reddy, President, Public Health Foundation of India, Ms. Suchita Gupta, Chairman-cum-Managing Director, National Insurance Company Ltd and Dr. Rupali Basu, Managing Director and CEO, Woodlands Multispecialty Hospital Limited. The Opening Session was moderated by Dr. Kunal Sarkar, Senior Vice Chairman, Senior Cardiac Surgeon & Head, Medica Institute of Cardiac Sciences, Medica Superspecialty Hospital.

Session 1 was on 'Vaccine Economy - How developing economies may push to remain afloat'. Dr. Niranjana Mishra, Director of Public Health, Department of Health & Family Welfare, Government of Odisha deliberated on the impact of vaccination in India. He discussed how vaccines were developed in India and how vaccination process has been carried out, especially in Odisha. Bhubaneswar was the first city that achieved 100 percent vaccination in September 2021. There were mobile vaccination centers in Bhubaneswar to ensure proper and equitable vaccination and also added how health workers were vaccinated during pandemic. Mr. Sayantan Chatterjee, Director-Healthcare Consulting, PwC India moderated the Session.

Session 2 was on Healthcare in North East. The Session was chaired by Lt. Gen. J R Mukherjee, PVSM, AVSM, VSM (Retd), Member Emeritus, Governing Council, Centre for East and

PROGRAMME

HEALTH FOR INCLUSIVE GROWTH' DAY 1 FEATURED THE ECONOMIC SUMMIT : "HEALTH FOR DEVELOPMENT" AND DAY 2 HEALTHTECH : "TECH FOR SAVING LIVES"

16th December 2021, Chamber Premises
17th December 2021, Virtual

North East Regional Studies, Kolkata CENERS-K. The Speakers were Prof. Sandra Albert, Director, Indian Institute of Public Health Shillong, Center for the Study of Complex Malaria in India (CSCMY), Regional Resource Hub for Health Technologies Assessment in India (RRH-HTAI) NER, Professor Swati M Patki, HOD, Community Medicine Department, Zoram Medical College, Dr. Jane R. Ralte, Registrar, Zoram Medical College and Dr. Manoj Patki, Associate Professor, Community Medicine Department, Zoram Medical College. Speakers deliberated and discussed on development of North East.

The next Session was on 'Where do we stand on 'Health for all'? Interventions at Central and State Levels' was chaired by Mr. Jayanto Narayan Choudhury, Former DG, National Security Guard. Dr. K Madan Gopal, Senior Consultant (Health), NITI Aayog -National Institute for Transforming India, Prof. Dileep Mavalankar, Director, IIPH Gandhinagar, Dr. Subhash R Salunke, Senior Advisor, PHFI and Officiating Director, IIPH-Bhubaneswar and Dr. Ashish Banerji, Senior Medical Administrator were the distinguished Speakers at the Session. The Speakers deliberated and discussed how to achieve SDG in healthcare, how COVID has diverted the focus on health sector, the challenges and how it has indirectly contributed for the improvement of healthcare.

The last Session of Day 1 was on Role of Corporates in Healthcare and was chaired by Dr. Rabin Chakraborty, Senior Vice Chairman - Cardiology Services & Senior Consultant Interventional Cardiologist of Medica Superspecialty Hospital. The Session was graced by Dr. T Rajgopal, Chief Operating Officer, Breach Candy Hospital Trust, Mumbai, Prof. Manoshi Roychowdhury, Co-Chairman, Techno India Group and Dr. Arindam Kar, Chief Intensivist, Dept of Critical Care Medicine, Sir HN Reliance Foundation Hospital. In the Session, it has been highlighted that the corporates have been playing a constructive role in the healthcare sector. Corporates have contributed to Indian health system and generated employment and the contribution to public health sector can be well observed in the pandemic.

The 1st Session on Day 2, 17th December, 2021 was on 'Focus on Achieving Equity With Telehealth'. The Session was chaired by Dr. Rana Mehta, Partner & Healthcare Leader, PricewaterhouseCoopers Private Limited. The Speakers, Mr. Anirban Lahiri, Founder, Medisetter, Vietnam, Mr. Suresh Ramu, Co-founder & CEO, Cytecure Hospitals Pvt Ltd and Mr. Partha Chakraborty, Chief Scientific Officer and Board Member, Arogyam Medisoft Solution Pvt Ltd deliberated and discussed the role of Telemedicine in the current scenario, its importance, challenges, advancements and what more can be done to make it more effective.

The 2nd Session was on 'Technology empowering paramedics'. The Speakers were Dr Rahul Singh Sardar, Director, ICATT Air Ambulance, Mr. Arindam Bhattacharyya, Faculty Member, George Telegraph, Sr. Santa Sahoo, GM - Nursing Services, AMRI Mukandapur, Dr. Devi Prasad Samaddar, Director - Medical Affairs, Ruby General Hospital, Dr. Samrat Roy, In charge, Critical Care Medicine, Techno India Dama Hospital and Dr. Bharat Sharma, Founder, Dakshas. The Speakers deliberated the role and importance of paramedics and they are also the backbone of medical system, the need to train them properly, to make them proficient in using medico-technological platforms. The Session was chaired by Dr. Sanjay Kapoor, VSM (Retd), Professor & Consultant, Surgical Oncology, Dy Director Medical, Tata Medical Centre.

The last and the 3rd Session chaired by Dr. Rabin Chakraborty, Senior Vice Chairman - Cardiology Services & Senior Consultant, Interventional Cardiologist, Medica Superspecialty Hospital was on 'Technology advancements in healthcare in surgeries, drugs, and other medical deliveries'. In the highly technical 3rd Session Dr. Sanjay Mehrotra, Senior Consultant Interventional Cardiologist Narayan Hrudyalaya, Bangalore discussed on Transcatheter Aortic Valve Replacement : A new Technology of Aortic Valve Surgery. Technology advancements in Neurosurgery in 2021 were deliberated by Dr. Ashis Pathak, Former Professor of Neurosurgery, PGIMER, & Director and Neurosurgeon, Fortis Mohali, Chandigarh. Proton Therapy in Oncology and how technology changes the outcome in Cancer patients was deliberated by Dr. Srinivas Chilukuri, Expert in Proton Therapy in Radiation Oncology from Apollo Hospitals, Chennai. Nano Particle Therapeutic Potentials in Cardiology was discussed by Prof. Amit Dinda, ICMR Emeritus Scientist, Department of Pathology and Chief Coordinator, Center for Medical Innovation & Entrepreneurship(CMIE), All India Institute of Medical Sciences. Dr. Sibaprasad Raychaudhuri, Professor, University California Davis concluded the Session with his talk on T-cell targeted Therapy for Autoimmune Diseases.

Day 1



Air Chief Marshal (Rtd.) Arup Raha, President, CENERS K and Hon. Member and Ambassadeur Extraordinaire, The Bengal Chamber delivering the formal Welcome Address during the Opening Session

16th December 2021, Chamber Premises
17th December 2021, Virtual

HEALTH FOR INCLUSIVE GROWTH' DAY 1 FEATURED THE
ECONOMIC SUMMIT : "HEALTH FOR DEVELOPMENT" AND
DAY 2 HEALTHTECH : "TECH FOR SAVING LIVES"



L-R : **Mr. A Lahiri**, Former Director, HUL and Senior VP, Unilever; Convenor, Economic Summit, CENERS K; Former President, The Bengal Chamber; **Mr. Abraham George Stephanos**, President, The Bengal Chamber and Managing Director, Tata Steel Downstream Products Limited; **Air Chief Marshal (Rtd.) Arup Raha**, President, CENERS K and Hon. Member and Ambassadeur Extraordinaire, The Bengal Chamber; **Dr. Alok Roy**, Former President, The Bengal Chamber and Chairman, Medica Group of Hospitals



Mr. A. Lahiri, Former Director, HUL and Senior VP, Unilever; Convenor, Economic Summit, CENERS K; Former President, The Bengal Chamber setting the context of the programme



Dr. Alok Roy, Former President, The Bengal Chamber and Chairman, Medica Group of Hospitals also setting the context of the programme



Dr. Sangita Reddy, Joint Managing Director, Apollo Hospitals gracing the Opening Session virtually



Keynote Panel : Health for Inclusive Growth- L-R : Mr. Arnab Basu, Vice President, The Bengal Chamber and Advisory Leader and Partner, PwC India; Moderator **Dr. Kunal Sarkar**, Senior Vice Chairman, Senior Cardiac Surgeon & Head (Medica Institute of Cardiac Sciences), Medica Superspecialty Hospital; **Ms. Suchita Gupta**, Chairman-cum-Managing Director, National Insurance Company Ltd

PROGRAMME

HEALTH FOR INCLUSIVE GROWTH' DAY 1 FEATURED THE ECONOMIC SUMMIT : "HEALTH FOR DEVELOPMENT" AND DAY 2 HEALTHTECH : "TECH FOR SAVING LIVES"

**16th December 2021, Chamber Premises
17th December 2021, Virtual**



Shri Narayan Swaroop Nigam, IAS, Secretary, Department of Health and Family Welfare, Government of West Bengal (2nd Row L) gracing the Opening Session along with 2nd Row L-R : **Professor K. Srinath Reddy**, President, Public Health Foundation of India; **Dr. Rupali Basu**, Managing Director and CEO, Woodlands Multispecialty Hospital Limited; 1st Row: L-R- **Mr. Arnab Basu**, Vice President, The Bengal Chamber and Advisory Leader and Partner, PwC India; Moderator **Dr. Kunal Sarkar**, Senior Vice Chairman, Senior Cardiac Surgeon & Head (Medica Institute of Cardiac Sciences), Medica Superspecialty Hospital; **Ms. Suchita Gupta**, Chairman-cum-Managing Director, National Insurance Company Ltd



Mr. Sayantan Chatterjee, Director-Healthcare Consulting, PwC India moderating the Vaccine Economy - How developing economies may push to remain afloat



Dr. Niranjan Mishra, Director of Public Health Department of Health & Family Welfare, Government of Odisha (L) gracing the session- Vaccine Economy - How developing economies may push to remain afloat, with **Mr. Sayantan Chatterjee**, Director-Healthcare Consulting, PwC India (R)



Healthcare in North East — Chairperson Lt. Gen. J R Mukherjee, PVSM, AVSM, VSM (Retd), Member Emeritus, Governing Council, Centre for East and North East Regional Studies, Kolkata CENERS-K (1st Row) with **Prof. Sandra Albert**, Director, Indian Institute of Public Health Shillong, Center for the Study of Complex Malaria in India (CSCM?), Regional Resource Hub for Health Technologies Assessment in India (RRH-HTAI) NER (2nd Row L); **Dr. Jane R. Ralte**, Registrar, Zoram Medical College (2nd Row R)

16th December 2021, Chamber Premises
17th December 2021, Virtual

HEALTH FOR INCLUSIVE GROWTH' DAY 1 FEATURED THE
ECONOMIC SUMMIT : "HEALTH FOR DEVELOPMENT" AND
DAY 2 HEALTHTECH : "TECH FOR SAVING LIVES"

HEALTH FOR INCLUSIVE GROWTH
ECONOMIC SUMMIT | HEALTH FOR DEVELOPMENT | HEALTHTECH | TECH FOR SAVING LIVES

In association with
MEDICA Superspecialty Hospital
KOLKATA
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16th & 17th December, 2021

Professor Swati M Patki, HOD, Community Medicine Department, Zoram Medical College gracing the Session- **Healthcare in North East**

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Professor Swati M Patki, HOD, Community Medicine Department, Zoram Medical College gracing the Session- **Healthcare in North East**

Dr. Manoj Patki, Associate Professor, Community Medicine Department, Zoram Medical College gracing the Session- **Healthcare in North East**

HEALTH FOR INCLUSIVE GROWTH
ECONOMIC SUMMIT | HEALTH FOR DEVELOPMENT | HEALTHTECH | TECH FOR SAVING LIVES

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KOLKATA
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16th & 17th December, 2021

Dr. Manoj Patki, Associate Professor, Community Medicine Department, Zoram Medical College gracing the Session- **Healthcare in North East**

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HEALTH FOR INCLUSIVE GROWTH
ECONOMIC SUMMIT | HEALTH FOR DEVELOPMENT | HEALTHTECH | TECH FOR SAVING LIVES

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caring for life

16th & 17th December, 2021

Where do we stand on 'Health for all'? Interventions at Central and State Levels- Chairperson Mr. Jayanto Narayan Choudhury, Former DG, National Security Guard with 1st Row L-R- Dr. Subhash R Salunke, Senior Advisor, PHFI and Officiating Director, IIPH-Bhubaneswar; Prof. Dileep Mavalankar, Director, IIPH Gandhinagar; 2nd Row L-R- Dr. Ashish Banerji, Senior Medical Administrator; Dr. K Madan Gopal, Senior Consultant (Health), NITI Aayog -National Institute for Transforming India

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Where do we stand on 'Health for all'? Interventions at Central and State Levels- Chairperson Mr. Jayanto Narayan Choudhury, Former DG, National Security Guard with 1st Row L-R- Dr. Subhash R Salunke, Senior Advisor, PHFI and Officiating Director, IIPH-Bhubaneswar; Prof. Dileep Mavalankar, Director, IIPH Gandhinagar; 2nd Row L-R- Dr. Ashish Banerji, Senior Medical Administrator; Dr. K Madan Gopal, Senior Consultant (Health), NITI Aayog -National Institute for Transforming India

PROGRAMME

HEALTH FOR INCLUSIVE GROWTH' DAY 1 FEATURED THE ECONOMIC SUMMIT : "HEALTH FOR DEVELOPMENT" AND DAY 2 HEALTHTECH : "TECH FOR SAVING LIVES"

**16th December 2021, Chamber Premises
17th December 2021, Virtual**



Role of Corporates in Healthcare- L-R Prof. Manoshi Roychowdhury, Co-Chairman, Techno India Group; Chairperson : Dr. Rabin Chakraborty, Senior Vice Chairman - Cardiology Services & Senior Consultant Interventional, Cardiologist, Medica Superspecialty Hospital; 2nd Row L-R- Dr. Arindam Kar, Chief Intensivist, Dept of Critical Care Medicine, Sir HN Reliance Foundation Hospital; Dr. T Rajgopal, Chief Operating Officer, Breach Candy Hospital Trust, Mumbai

Dignitaries at the venue – L-R- Air Chief Marshal (Rtd.) Arup Raha, President, CENERS K and Hon. Member and Ambassadeur Extraordinaire, The Bengal Chamber; Mr. A Lahiri, Former Director, HUL and Senior VP, Unilever; Convenor, Economic Summit, CENERS K; Former President, The Bengal Chamber; Lt. Gen. J R Mukherjee, PVSM, AVSM, VSM (Retd), Member Emeritus, Governing Council, Centre for East and North East Regional Studies, Kolkata CENERS-K; Dr. Alok Roy, Former President, The Bengal Chamber and Chairman, Medica Group of Hospitals; Mr. Arnab Basu, Vice President, The Bengal Chamber and Advisory Leader and Partner, PwC India; Dr. Kunal Sarkar, Senior Vice Chairman, Senior Cardiac Surgeon & Head (Medica Institute of Cardiac Sciences), Medica Superspecialty Hospital; Ms. Suchita Gupta, Chairman-cum-Managing Director, National Insurance Company Ltd ; Prof. Manoshi Roychowdhury, Co-Chairman, Techno India Group and Mr. Sayantan Chatterjee, Director-Healthcare Consulting, PwC India



Mr. Abraham George Stephanos, President, The Bengal Chamber and Managing Director, Tata Steel Downstream Products Limited delivering the Opening Address



Distinguished Audience

16th December 2021, Chamber Premises
17th December 2021, Virtual

HEALTH FOR INCLUSIVE GROWTH' DAY 1 FEATURED THE
ECONOMIC SUMMIT : "HEALTH FOR DEVELOPMENT" AND
DAY 2 HEALTHTECH : "TECH FOR SAVING LIVES"

Day 2



Chairperson **Dr. Rana Mehta**, Partner & Healthcare Leader, PricewaterhouseCoopers Private Limited with **Mr. Suresh Ramu**, Co-founder & CEO, Cytecure Hospitals Pvt Ltd (1st Row L); **Mr. Partha Chakraborty**, Chief Scientific Officer and Board Member, Arogyam Medisoft Solution Pvt. Ltd (1st Row R); **Mr. Anirban Lahiri**, Founder, Medisetter, Vietnam (2nd Row L)

Technology empowering paramedics - **Dr. Sanjay Kapoor, VSM (Retd)** Prof & Consultant, Surgical Oncology, Dy Director Medical, Tata Medical Centre with 1st Row L-R - **Dr. Samrat Roy**, Incharge, Critical Care Medicine, Techno India Dama Hospital; **Dr. Devi Prasad Samaddar**, Director - Medical Affairs, Ruby General Hospital; 2nd Row L-R - **Mr. Arindam Bhattacharyya** Faculty Member, George Telegraph; **Dr. Rahul Singh Sardar**, Director, ICATT Air Ambulance; **Sr. Santa Sahoo**, GM - Nursing Services, AMRI Mukandapur; 3rd Row **Mr. Bharat Sharma**, Founder, Dakshas



Technology advancements in healthcare will be showcased in surgeries, drugs, and other medical deliveries-- **Dr. Sanjay Mehrotra**, Senior Consultant Interventional Cardiologist, Narayan Hrudyalaya, Bangalore (R) with Chairperson : **Dr. Rabin Chakraborty**, Senior Vice Chairman - Cardiology Services & Senior Consultant Interventional, Cardiologist, Medica Superspecialty Hospital (L)

PROGRAMME

MINERALS, MINING AND METALS E-CONCLAVE

9th-10th December 2021,
Virtual



Technology advancements in healthcare will be showcased in surgeries, drugs, and other medical deliveries — Dr. Srinivas Chilukuri, Expert in Proton Therapy in Radiation Oncology, Apollo Hospitals, Chennai (R) with Chairperson : **Dr. Rabin Chakraborty**, Senior Vice Chairman - Cardiology Services & Senior Consultant Interventional, Cardiologist, Medica Superspecialty Hospital (L)

Technology advancements in healthcare will be showcased in surgeries, drugs, and other medical deliveries — Chairperson :

Dr. Rabin Chakraborty, Senior Vice Chairman - Cardiology Services & Senior Consultant Interventional, Cardiologist, Medica Superspecialty Hospital with 1st Row L-R- **Dr. Sibaprasad Raychaudhuri**, Professor, University California Davis; **Prof. Amit Dinda**, ICMR Emeritus Scientist, Department of Pathology, Chief Coordinator, Center for Medical Innovation & Entrepreneurship (CMIE), All India Institute of Medical Sciences; **Dr. Ashis Pathak** Former Professor Neurosurgery PGIMER, Chandigarh & Director Neurosurgeon, Fortis Mohali, Chandigarh (2nd Row L)



20TH EDITION OF INDIA INTERNATIONAL MEGA TRADE FAIR

17th December 2021 to 2nd January 2022,
Science City Grounds, Kolkata

The Inauguration of the 20th edition of India International Mega Trade Fair was a way forward in striking a new balance between the ever-impending threat of the new strain of Corona Virus and the revival of the Global Economy. As a part of The Chamber's vision for the economic development of West Bengal, The Chamber fully appreciates and understands the importance of Trade Fairs like these to improve business to business and business to consumer synergies.

The Fair was inaugurated by His Excellency Shri Jagdeep Dhankhar, Hon'ble Governor of West Bengal and First lady of The State Mrs. Sudesh Dhankhar in the presence of Mr. Subir Chakraborty, President Designate, The Bengal Chamber. Other dignitaries present on the occasion were Janab Toufique Hasan, Hon'ble Deputy High Commissioner of Bangladesh; Mr. N P Sinha, Zonal Manager, Life Insurance Corporation of

India; Mr. R K Verma, Executive Director, Export Promotion Council for Handicrafts; Mr. Moloy Chandan Chakraborty, Jute Commissioner, National Jute Board; Shri Prakash Shah, Chairperson, Trade Fair and Trade Development Committee of The Bengal Chamber of Commerce.

This year, Mega Trade Fair had Iran as the Focus Country, Bangladesh as the Partner Country and Tunisia as the Highlighted Country. Kerala was the Partner State with Arunachal Pradesh being the Focus State and West Bengal the Host State. With 15 Foreign Countries from far and wide, we also had participation from 22 Indian states – From J&K in the North to Assam, Tripura, Meghalaya, Jharkhand, Odisha, Telengana, Tamil Nadu, Karnataka, Andhra Pradesh, Kerala, Punjab, Maharashtra, MP, Rajasthan, Himachal Pradesh, Uttarakhand almost all major Indian states participated in this

20TH EDITION OF INDIA INTERNATIONAL MEGA TRADE FAIR

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Fair in a large way. Moreover, over 15 different sectors were being represented this year across various product categories. This year nearly 600 exhibitors from across India and abroad had come together on this platform to exhibit their products.

The IIMTF has been playing an ideal Launch pad for the exhibitors to showcase their products and services. Among other benefits, our Trade fair has been providing the business houses and businessmen a face to face meeting opportunity, which is seen as a perfect cost effective, means for achieving trade objectives. The Chamber's main aim through this Fair is to bring Bengal to the economic forefront of our country through the Fairs - by helping to increase the business relations between West Bengal with other states and countries.

Present on the occasion, **Mr. Subir Chakraborty**, President Designate, BCC&I said "The Bengal Chamber as part of its

inclusive approach gives equal focus to business and community in value creation and the 20th IIMTF promoted by BCC&I and delivered by GS Marketing is a worthwhile initiative in that direction where there is 'something for everybody'. Trade Fairs like these also improve business to business synergies. This, surely, is an indicator of the potential of the State's competitiveness as far as B2B and B2C business models are concerned"

Mr. Prakash Shah, Chairman, GS Marketing, mentioned, 'However, given the global Pandemic, we have been extremely careful while undertaking the Fair, and are adhering to all Government protocols like maintaining social distancing, insisting on Masks for all, taking.



His Excellency Shri Jagdeep Dhankhar, Hon'ble Governor of West Bengal and First lady of The State Mrs. Sudesh Dhankhar along with Mr. Subir Chakraborty, President Designate, The Bengal Chamber at the Ribbon Cutting Ceremony during the inauguration of the 20th Edition of India International Mega Trade Fair



Mr. Subir Chakraborty, President Designate, The Bengal Chamber handing over the flower bouquet to Shri Jagdeep Dhankhar, Hon'ble Governor of West Bengal



Traders and buyers in front of the Afghanistan Hall



India International Mega Trade Fair a panoramic view



Mr. Subir Chakraborty, President Designate, The Bengal Chamber delivering the Welcome Address

PROGRAMME

THE WINTER CONTEST

18th December,
Virtual Platform



Inspired by the grand success of "The Budding Genius- The National Level Quiz Contest", The Bengal Chamber of Commerce and Industry organized "The Winter Contest" on 18th of December 2022. This contest also received huge appreciation from students, parents and teachers from all over India. We have received more than 2000 registrations from all over India. Apart from regular syllabus of students, this quiz has touched all the topics like sports, entertainment, travel, food to current affairs, every domain which excites young generation. Parallel this kind of quiz is important as it

empowers young minds to learn diversified topics that will later helps them to compete for variety of sought-after careers.

Quiz was divided into three segments- Group A- Class 5 to 8, Group B- 9 & 10 and Group C- 11 & 12. Successful candidates was awarded as Gold, Silver and Bronze medal winners who had received Certificate of Recognition and Medal. We also got requests for organizing more quizzes like this and we will be organizing many more quizzes in near future.

INTERACTIVE SESSION ON OPPORTUNITIES BY GOVERNMENT OF INDIA TO START-UPS BY SOFTWARE TECHNOLOGY PARKS OF INDIA (STPI)

22nd December 2021,
Webel-BCC&I Tech Incubation Center

The WEBEL- BCC&I Tech Incubation Centre organized an Interactive Session on "Opportunities by Government of India to start-ups" by Software Technology Parks of India (STPI) at Tech Incubation Centre premises on 22nd December 2021.

Mr. Manjit Nayak, Director, Software Technology Park of India (STPI) graced the session as our Keynote Speaker. The session was attended by the esteemed Mentors of the Incubation Centre, namely, Mr. Kalyan Kar, Co-founder and Managing Director, Inqube Innoventures Pvt. Ltd., Mr. K. K. Mahapatra, Advisor, Digital transformation, Techverita and Ex-chief IT advisor & Head INFOCOM ABP Pvt. Ltd., and Mr. Subho Samanta, Founder, Diracsol Business Solutions Pvt. Ltd, Mr. Swarup Roy, Advisor, Information Technology and Electronics Department, Government of West Bengal and the incubates of the Centre.

Mr. Abhishek Kumar, Deputy Director, Software Technology Park of India (STPI) gave a presentation on various opportunities provided by the Government of India to all the start-ups of the country. It was an enriching session as various opportunities given to the start-ups by the Government of India were known related to all the industry.



Mr. Abhishek Kumar, Deputy Director, Software Technology Park of India (L) with the mentors of the WEBEL BCC&I Tech Incubation Centre Mr. K. K. Mahapatra (C), Advisor, Digital transformation, Techverita and Ex-chief IT advisor & Head INFOCOM ABP Pvt. Ltd; Mr. Kalyan Kar (C), Co-founder and Managing Director, Inqube Innoventures Pvt. Ltd; Mr. Subho Samanta (R), Founder, Diracsol Business Solutions Pvt. Ltd, the incubates and The Bengal Chamber Secretariat team

22nd December 2021,
Webel-BCC&I Tech Incubation Center

INTERACTIVE SESSION ON OPPORTUNITIES BY GOVERNMENT OF INDIA TO START-UPS BY SOFTWARE TECHNOLOGY PARKS OF INDIA (STPI)



Mr. Abhishek Kumar, Deputy Director, Software Technology Park of India (L) with the mentors of the WEBEL BCC&I Tech Incubation Centre Mr. K. K. Mahapatra (C), Advisor, Digital transformation, Techverita and Ex-chief IT advisor & Head INFOCOM ABP Pvt. Ltd, Mr. Kalyan Kar (C), Co-founder and Managing Director, InqubelInnoventures Pvt. Ltd and the incubates during the presentation



Mr. Swarup Roy (Second from R), Advisor, Information Technology and Electronics department, Government of West Bengal, with Mr. Abhishek Kumar, Deputy Director, Software Technology Park of India (L) and the incubates



Mr. Manjit Nayak, Director, Software Technology Park of India (R) with Mr. Abhishek Kumar, Deputy Director, Software Technology Park of India (L), the mentors of the WEBEL BCC&I Tech Incubation Centre Mr. K. K. Mahapatra (C), Advisor, Digital transformation, Techverita and Ex-chief IT advisor & Head INFOCOM ABP Pvt. Ltd, Mr. Kalyan Kar (C), Co-founder and Managing Director, Inqube Innoventures Pvt. Ltd, Mr. Subho Samanta (C), Founder, Diracsol Business Solutions Pvt. Ltd, the incubates and The Bengal Chamber Secretariat team

PROGRAMME

INTERACTIVE SESSION WITH MR. ZHALIYOU, CONSUL GENERAL, THE CONSULATE GENERAL OF THE PEOPLE'S REPUBLIC OF CHINA IN KOLKATA

18th January 2022,
Virtual Platform

The Bengal Chamber of Commerce and Industry organized an Interactive Session with **Mr. Zha Liyou**, Consul General, The Consulate of the People's Republic of China in Kolkata, on “**Business Opportunities with China**” on 18th January 2022 in virtual platform.

Mr. Liyou graced the session along with **Dr. Yang Xuhong**, Deputy General Manager, Industrial and Commercial Bank of China Limited, Mumbai Branch and **Mr. Zhang Hongjie**, Economic and Commercial Consul, The Consulate General of the People's Republic of China in Kolkata.

Mr. Nick Low, British Deputy High Commissioner of Kolkata joined the session.

The session was also attended by the senior members and stakeholders of the Chamber's Managing Committee and other Expert Committees.

Mr. Zha Liyou highlighted the scenario of China-India economic and trade cooperation in 2021 and the progress of bilateral cooperation in his consular area. He mentioned that Indian companies could firmly grasp the development trend of the Chinese market and be better prepared for more exchanges after the end of the pandemic.

Dr. Yang Xuhong presented the key areas and prospects of cooperation between Chinese and Indian enterprises. Dr. Yang stated that ICBC Mumbai Branch is the only Chinese bank that has been deeply involved in the Indian market for more than 10 years. It provides not only traditional global financial services, but also investment banking to help Indian start-up financing.

The programme was followed by vibrant interactive session. The discussion focused on business opportunities between the two countries, in the fields, including, farm produce, new energy, supply chain and cooperation between chambers of commerce.



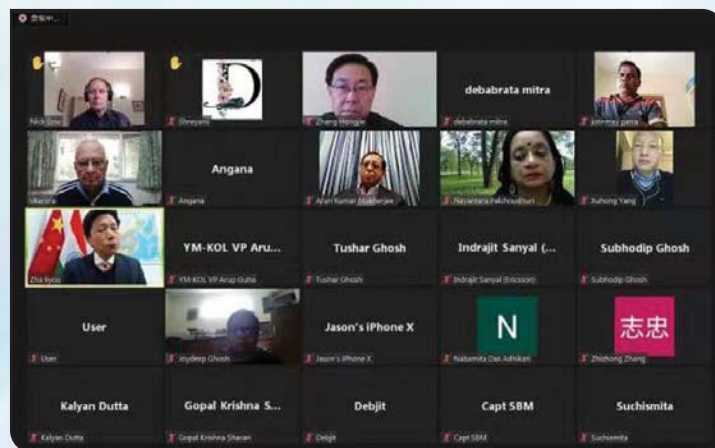
Mr. Zha Liyou, Consul General, The Consulate of the People's Republic of China in Kolkata gracing the session



Dr. Yang Xuhong, Deputy General Manager, Industrial and Commercial Bank of China Limited, Mumbai Branch gracing the session



Mr. Zhang Hongjie, Economic and Commercial Consul, The Consulate General of the People's Republic of China in Kolkata addressing the audience



Distinguished audience

21st January 2022,
e- Platform

INTERNATIONAL TRADE E-CONCLAVE "INDIAN TRADE INDUSTRY GROWTH : DECODING \$400 BILLION TARGET"

The year 2021 is remarkable: While Indian economy recovers from the setback post Covid 19, the government has embarked on an ambitious target of \$400 billion exports of merchandise goods in the current financial year. On the other hand, India pledges for Net Zero by 2070.

In an indication that the country is on the right path in pursuit of this dream, Indian exports for the April-June 2021 period rose to an, all-time high of \$95 billion, an 85 percent jump year-on-year. This is a special achievement, given that this period marked India's battle against a deadly second wave of Covid-19. While this is great news, it is still a struggle for exporters in India to send their goods overseas. Many of the difficulties they face have been around for years or even decades. Unless these are urgently addressed, India might never reach its full export potential.

In this context the Bengal Chamber of Commerce & Industry organised an International Trade e-Conclave themed as "Indian Trade Industry Growth : Decoding \$400 billion target" where we aimed to discuss the growth of Indian Trade and its preparedness for following its dreams of achieving \$400 billion export target amidst all challenges like low credit access, inadequate infrastructure, document-heavy process, Trade Barriers and also the implication of India's pledge towards Net Zero by 2070 on Indian exporters.

The programme witnessed the presence of **Dr. Amiya Chandra**, Additional DG, DGFT as the Guest of Honour and **Shri Ashwini Kumar Tewari**, Managing Director - International Banking, Technology and Subsidiaries, State Bank of India in a Special Plenary Session on "India's Decade: Evolving Global Economy and role of International Banking in Catalyzing the growth of International Trade".

The programme was attended by other eminent speakers like **Dr. Deb Mukherjee**, MD, Omega Seiki Mobility, **Mr. Dinesh Shastri**, Managing Director, TM International Logistics Limited, **Mr. Anand Sen**, MD, Tata International Ltd., **Mr. M C Agrawal**, ED (Sales & International Trade Division), SAIL & Chairman, MJunction Services Ltd., **Dr. Prabir De**, Professor, Research and Information System for Developing Countries (RIS), **Ms. Ruma Dey**, Chief General Manager, State Bank of India, **Mr. T.D. Sivakumar**, General Manager, India EXIM Bank, **Mr. Anand Singh**, General Manager, ECGC, **Mr. Sudhakar Kasture**, International Trade Consultant, EXIM Institute, **Mr. Alok Gupta**, Managing Director, Par Enterprises Pvt. Ltd.

While delivering the Inaugural Address on the theme, "*Indian Trade Industry Growth: Decoding \$400 billion target*", Dr.

Chandra, cited that Merchandise exports for the period April-December 2021 was USD 301.38 Billion as against USD 201.38 Billion during the period April-December 2020, registering a positive growth of 49.66 per cent and assured that India is bang on target to achieve an export target of \$400 billion. He further said that the apprehension, that export would slow down because of the pandemic, did not come true. He informed that as e-Commerce has gained a lot of importance in recent times the new FTP which is expected to come out on 1st April 2022, will have chapter on e-commerce added to it.

He further informed that, the Department of Commerce along with the MSME Ministry, Government of India is in the process of launching a portal within 2 to 3 years for MSME exporters which will have all the information like market intelligence, market information, pricing etc., in one place facilitating B2B & B2C. It will also contain information on new, tariff and non-tariff barriers apart from the existing ones.

Mr. Ashwini Kumar Tewari, Managing Director- International Banking, Technology and Subsidiaries, State Bank of India, stated that India has great potential for export in the background of US-China friction. Most of the countries of the world are now adopting China +1 strategy and India could gain from it. He stressed on near shoring especially in pharma sector in India. However, India still has bottlenecks in the form of logistics infrastructure and land acquisition. Increasing private sector participation in Defence Manufacturing has good potential not only to decrease imports but also to grow into an export hub.

For growth of exports in West Bengal, Mr. Tiwari suggested use of E-commerce by small sellers to gain market access and grow as exporters. He mentioned that SBI has been encouraging "One District One Product" scheme. Bengal SBI CGM to work closely with the state government to identify the products and support them.

The participants were mostly exporters from different industrial sectors. There were also participants who are consultants, logistics companies, banking as well as non-banking financial institutions involved with trade finance.

The International Trade Conclave was successfully organised under the able leadership of **Mr. Sourabha Dutta**, Chairperson, International Trade Committee, BCC&I and Senior Vice President - Industrial Sales & Marketing, Exide Industries Limited and **Mr. Kaushik Brahma**, Co-Chairperson, International Trade Committee, BCC&I and Head – Export Planning & Documentation, Tata Steel Ltd.

PROGRAMME

INTERNATIONAL TRADE E-CONCLAVE "INDIAN TRADE INDUSTRY GROWTH : DECODING \$400 BILLION TARGET"

21st January 2022,
e- Platform



Mr. Abraham Stephanos, President, BCC&I and Managing Director, Tata Steel Downstream Products Limited delivering the Welcome Address and Introduction at the Opening Session of the Conclave



Mr. Sourabha Dutta, Chairperson, International Trade Committee, BCC&I and Senior Vice President - Industrial Sales & Marketing, Exide Industries Limited, sharing an Industry Perspective and delivering the keynote address at the Opening Session of the Conclave



Guest of Honour, Dr. Amiya Chandra, Additional DG, DGFT delivering the Inaugural Address at the Opening Session, themed as "Indian Trade Industry Growth: Decoding \$400 billion target"



Ms. Ruma Dey, Chief General Manager, State Bank of India, Mr. T.D. Sivakumar, General Manager, India EXIM Bank, Mr. Anand Singh, General Manager, ECGC, speaking at the **Experts' Roundtable on "Credit Access: Facilitating Traders- Perspective of the Show Runners"**, moderated by Mr. Rajib Maitra, Member, International Trade Committee, BCC&I and Director, Consulting – Energy & Resources, Deloitte Touche Tohmatsu India LLP



Ms. Ruma Dey, Chief General Manager, State Bank of India speaking at the **Experts' Roundtable** on "Credit Access: Facilitating Traders- Perspective of the Show Runners".

21st January 2022,
e- Platform

INTERNATIONAL TRADE E-CONCLAVE "INDIAN TRADE INDUSTRY GROWTH : DECODING \$400 BILLION TARGET"

INTERNATIONAL TRADE E-CONCLAVE
INDIAN TRADE INDUSTRY GROWTH: DECODING \$400 BILLION TARGET

Organised By: BCC&I THE BENGAL CHAMBER
e-Conclave Partner: EXIDE
21st JANUARY 2022 E- PLATFORM

Mr. Kaushik Brahma | Mr. Dinesh Shastri

Sponsors:
 Diamond Sponsor: TATA STEEL WeAlsoMakeTomorrow
 Gold Sponsor: TKM, TM, ISL, TMILL Group of Companies
 Silver Sponsors: ECGC, India Exim Bank
 Organised By: BCC&I THE BENGAL CHAMBER

Mr. Dinesh Shastri, Managing Director, TM International Logistics Limited *In Discussion with* Mr. Kaushik Brahma, Co-Chairperson, International Trade Committee, BCC&I and Head – Export Planning & Documentation, Tata Steel Ltd. at the *Fire side Chat session on "Addressing the weakest link : Issues in Logistics Infrastructure in catalyzing Trade Growth of the Country"*

Mr. Anand Sen, MD, Tata International Ltd in discussion with Mr. Kaushik Brahma, Co-Chairperson, International Trade Committee, BCC&I and Head – Export Planning & Documentation, Tata Steel Ltd. at the Experts' Roundtable on "India's 2070 Net-Zero Pledge : What it implies for the Indian Exporters"

INTERNATIONAL TRADE E-CONCLAVE
INDIAN TRADE INDUSTRY GROWTH: DECODING \$400 BILLION TARGET

Organised By: BCC&I THE BENGAL CHAMBER
e-Conclave Partner: EXIDE
21st JANUARY 2022 E- PLATFORM

Mr. Kaushik Brahma | Mr. Anand Sen

Sponsors:
 e-Conclave Partner: EXIDE
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 Industry Support: IIPAR

INTERNATIONAL TRADE E-CONCLAVE
INDIAN TRADE INDUSTRY GROWTH: DECODING \$400 BILLION TARGET

Organised By: BCC&I THE BENGAL CHAMBER
e-Conclave Partner: EXIDE
21st JANUARY 2022 E- PLATFORM

Mr. Kaushik Brahma | Mr. M C Agrawal

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 Organised By: BCC&I THE BENGAL CHAMBER

Mr. M C Agrawal, ED (Sales & International Trade Division), SAIL & Chairman, MJunction Services Ltd. in discussion with Mr. Kaushik Brahma, Co-Chairperson, International Trade Committee, BCC&I and Head – Export Planning & Documentation, Tata Steel Ltd. at the Experts' Roundtable on "India's 2070 Net-Zero Pledge : What it implies for the Indian Exporters"

PROGRAMME

INTERNATIONAL TRADE E-CONCLAVE "INDIAN TRADE INDUSTRY GROWTH : DECODING \$400 BILLION TARGET"

21st January 2022,
e- Platform

Dr. Prabir De, Professor, Research and Information System for Developing Countries (RIS) in conversation with Mr. Sudhakar Kasture, International Trade Consultant, EXIM Institute at the Experts' Roundtable on - "Expectation from FTP and Capitalizing Trade Agreements : The Roadmap for Export Growth"

INTERNATIONAL TRADE E-CONCLAVE
INDIAN TRADE INDUSTRY GROWTH: DECODING \$400 BILLION TARGET
21st JANUARY 2022 E- PLATFORM

Organized By: BCC&I THE BENGAL CHAMBER, e-Conclave Partner: EXIDE

Participants: Dr. Prabir De, Mr. Sudhakar Kasture

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INTERNATIONAL TRADE E-CONCLAVE
INDIAN TRADE INDUSTRY GROWTH: DECODING \$400 BILLION TARGET
21st JANUARY 2022 E- PLATFORM

Organized By: BCC&I THE BENGAL CHAMBER, e-Conclave Partner: EXIDE

Participants: Dr. Prabir De, Mr. Alok Gupta

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Industry Support: IIPAR

Dr. Prabir De, Professor, Research and Information System for Developing Countries (RIS) in conversation with Mr. Alok Gupta, Managing Director, Par Enterprises Pvt. Ltd. at the Experts' Roundtable on - "Expectation from FTP and Capitalizing Trade Agreements : The Roadmap for Export Growth"

Dr. Deb Mukherjee, MD, Omega Seiki Mobility, on - "Can Indian EV Companies make headway in exports?" in discussion with Mr. Gautam Ray, Senior Vice President, BCC&I and Executive Director (HR & Admin.) - CESC Limited & President (HR) - Power Group, RPSG at the Fireside chat session

INTERNATIONAL TRADE E-CONCLAVE
INDIAN TRADE INDUSTRY GROWTH: DECODING \$400 BILLION TARGET
21st JANUARY 2022 E- PLATFORM

Organized By: BCC&I THE BENGAL CHAMBER, e-Conclave Partner: EXIDE

Participants: Dr. Deb Mukherjee, Mr. Gautam Ray

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Silver Sponsors: ECGC, India Exim Bank
Industry Support: IIPAR

21st January 2022,
e- Platform

INTERNATIONAL TRADE E-CONCLAVE "INDIAN TRADE INDUSTRY GROWTH : DECODING \$400 BILLION TARGET"



Shri Ashwini Kumar Tewari, Managing Director - International Banking, Technology and Subsidiaries, State Bank of India addressing at the Special Plenary Session on on "India's Decade : Evolving Global Economy and role of International Banking in Catalyzing the growth of International Trade"

Shri Ashwini Kumar Tewari, Managing Director- International Banking, Technology and Subsidiaries, State Bank of India in conversation with Mr. Arnab Chakraborty, Deputy Director, Bengal Chamber of Commerce & Industry



UPCOMING PROGRAMME

Training Session for ABP on Indian Accounting System, Finance & Taxation, 8th, 15th, 22nd, 29th November, 6th, 13th, December 2021, 3rd, 10th, 17th, 18th, 24th, 25th, 31st January, 7th, 14th February 2022, Virtual

Prospects for North Bengal – Investments in Sustainability, 25th January 2022, Siliguri, Physical

BCC&I Corporate Heritage Recognition 2021-22 and Panel Discussion on Industrial Heritage of Kolkata, 28th January 2022, Virtual

The Power India Quiz, 29th January 2022, Virtual

THINK with Mr. Amit Monga, MD, ANSCOMMERCE Topic - Decoding E Commerce 2.0 & D2C Brand Ecosystem, 31st January 2022, Virtual

Union Budget 2022-23: Viewing Session, 1st February 2022, Physical

Union Budget 2022-23: An In-depth Analysis, 2nd February 2022, Virtual

BCC&I Infrastructure e Conclave Indian Infrastructure : Fabricating Future, 9th February 2022, Virtual

Annual Manufacturing Workshop, 10th & 11th February 2022, Phygit

Webinar on "Functioning of Court with the age of digitization: The experience and way forward" and "Impact of Commercial Court Act on Indian Judicial system and Economy", 11th February 2022 (Tentative), Virtual

India Economic e Conclave Decoding \$5 trillion : The Roadmap for Indian Economy, 11th February 2022, Virtual

The Rising Foodpreneurs -3rd Edition, 12th February 2022, Physical

PINK IT, 17th February 2022, Physical

e- Workshop on Sustainability Reporting, 18th February 2022, Virtual

Seminar on GST And Its Implication on Trade & Business (With sector-wise analysis on EPC Contract, Works Contract, Real Estate, Hospitality, Education Sectors, Trusts & E-Commerce), 18th February 2022, Physical

Rural Connect 2022, 22nd & 23rd February 2022, Phygit

11th edition of Annual Shipping and Logistics Conclave 2021-22, 25th February 2022, Virtual

Cyber Security Workshop, 25th February, 4th March, 11th March 2022, 16th March 2022, Virtual

Bengal Chamber 5 A Side Corporate Football Tournament, 25th- 27th February 2022 (Tentative), Physical

Power Women Quiz, 26th February 2022, Virtual

9th Edition of Ratnagarbha, 8th March 2022, Physical

Annual Manufacturing & MSME Conclave and MSME Excellence Awards, 2022, 10th & 11th March 2022, Phygit

BCC&I JIS University Technology Quiz Inter College Quiz Fest 2022, 26th March 2022, Physical

Budding Genius-2nd Edition, 26th March 2022, Phygit

NEWS FROM THE JIS GROUP

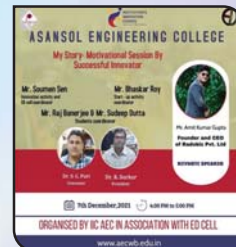


Asansol Engineering College

Portfolio Workshop & Competition was organised by Hardware Club of Asansol Engineering College on December 11, 2021.



Webinar : Motivational Session by Mr. Amit Kumar Gupta, founder and CEO of Radobiz Pvt. Ltd, organised by IIC AEC in association with ED Cell on December 17, 2021.



Webinar on Entrepreneurship and Innovation as Career Opportunity organised by IIC AEC in association with ED Cell on December 14th 2021.

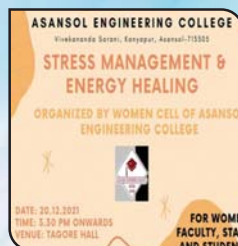
Prof. (Dr.) J. K. Roy Founder Director of System Advanced Technologies Pvt. Ltd. Was the speakers for the session.



Webinar on UAM Packaging of Computer applications and automation organised by AEC Hardware Club on December 11, 2021. Mr. Usnish Chatteraj and Ms. Sradha Bodke from Altos Global IT Service Pvt. Ltd. Were the speakers for the session.



Visit of Mr. Anurag Kirti, Location Campus Lead, Global Campus Hiring Team, Talent Acquisition, Wipro at Asansol Engineering College for addressing the students of AEC.

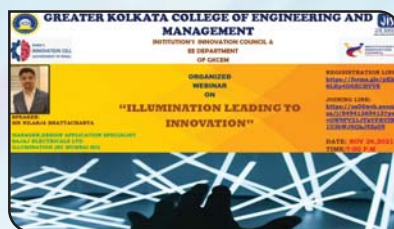


Women Cell of Asansol Engineering College organized a session on Stress Management and Energy Healing on 20 December, 2021.

GREATER KOLKATA COLLEGE OF ENGINEERING AND MANAGEMENT, BARUIPUR

I am delighted to inform you that in the Month of November, 2021 we have successfully organized the underneath webinar/seminar :

The Dept. of EE, GKCEM has organized a Technical webinar on "Illumination Leading to Innovation" in association with "IIC", GKCEM on 26th Nov, 2021 via Zoom Meeting Platform. The speaker, Mr. Nilabja Bhattacharya, Manager, Lighting Design Specialist, Bajaj Electricals Ltd., Illumination (BU Mumbai HO), conducted an informative and interactive session on Basics of Illumination Engineering.



Institution's Innovation Council and Women Cell, GKCEM have successfully organized a webinar on the topic "My Story - Motivational Session by Successful Entrepreneur/Start-up founder " on 30th Nov, 2021 through zoom platform and also went live on IIC, GKCEM Facebook profile.

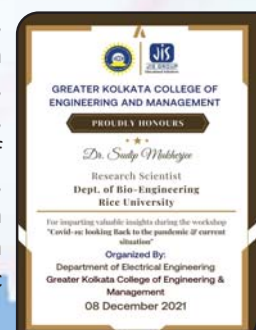


In the month of December, 2021 we have conducted the following events :



The Institution's Innovation Council, GKCEM in association with the Department of ME, GKCEM has successfully conducted a one day virtual workshop on "Entrepreneurship and Innovation as Career Opportunity" on 27th Nov, 2021, at 03.00 pm onwards. Expert orator Dr. Mukul Chandra Bora, Director, Dibrugarh University Institute of Engineering and Technology, Assam, delivered the lecture on the above mentioned theme of this workshop.

It feels immense pleasure to inform you that the Department of Electrical Engineering has organized a webinar on "Covid 19 awareness for students" on 8th December, 2021 from 7.00 PM onwards through Zoom Meeting Platform. In this program, honorable speaker, Mr. Sudip Mukherjee, Research Scientist, Department of Bioengineering, Rice University, Houston, Texas, United States, conducted an informative and interactive session on "Covid 19 : Looking back to the pandemic and current situation."



NEWS FROM THE JIS GROUP



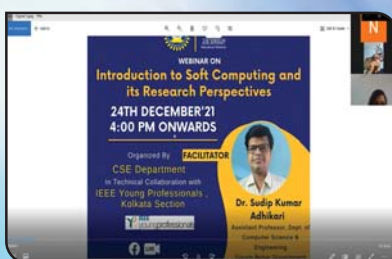
The Department of ECE and The R&D Cell, GKCEM has jointly organized an online expert talk on "Engaging Students in the Academic Research" on 11th Dec, 2021. The talk was delivered by Dr. Ravi Kumar Arya, Assistant Professor, Department of ECE, National Institute of Technology, Delhi, India.



The Department of EE, GKCEM has arranged a virtual Industry Visit on 23rd Dec, 2021 at MAHINAGAR 33/11 KV substation. During the visit Mr. Gobindo Prasda Panua, Substation In-Charge, MAHINAGAR 33/11 KV substation guided the students with all the detailed information.



The Department of EE & ECO club, GKCEM has organized a Technical webinar for "Energy Conservation Day" in association with "IIC", GKCEM on 14th Dec, 2021 from via Zoom Meeting Platform. The speaker Mrs. Reshmi Goppi, Manager, Project Management Consultant, Career Counsellor, Mentor, Story Teller, Blogger, conducted an informative and interactive session on "Energy Sector - Yesterday, Today, and Tomorrow".



The Webinar on "Introduction to Soft Computing and its Research Perspectives" was organized by the CSE, GKCEM in Technical Collaboration with IEEE Young Professionals, Kolkata Section, on 24th Dec, 2021 through Zoom platform.

An Industrial Visit to MSME Tool Room, Kolkata has successfully conducted by the Dept. of ECE, GKCEM on 17th Dec, 2021. MSME Tool Room, Kolkata is an organization established under Technical Co-operation Programme between Governments of India and Denmark.



Mechanical Engineering, GKCEM has successfully conducted an industrial visit in association with the Patton International Ltd on 29th Dec, 2021 at their Garia Works. Resource person: Mr. B. R. Mohanty & Mr. Prabir Das Manager (Operations) Patton International Ltd.



On 5th and 15th January, 2022 we have organized the following events:

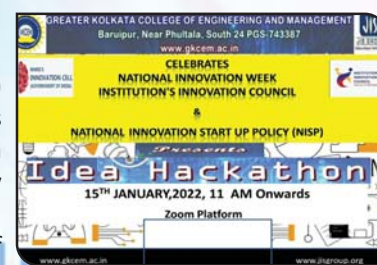


A Webinar on "Arsenic Contamination of Groundwater in GMB Plain and Mitigation Technologies" on 5th Jan 2022 was jointly organized by the Dept. of CE and ECO Club, GKCEM. The speaker of this event was Dr. Abhisek Roy, Assistant Professor, Department of CE, Jadavpur University.



A Webinar on "Use of Plastics Waste in the Construction of Asphalt Road" on 21st Dec, 2021 was jointly organized by the Department of CE and ECO Club, GKCEM. The speaker of this event was Mr. Tushar Kanti Bandopadhyay, Technical Director, Indian Center for Plastics in the Environment (ICPE).

Institution Innovation Council (IIC) along with National Innovation Startup Policy (NISIP) committee of GKCEM has successfully organized Idea Hackathon 2022 on 15th January 2022, in order to promote and encourage innovative ideas of our students.



Civil Engineering Department

"An Awareness Programme on Indian Army"



Department of Civil Engineering, GMIT has successfully organized a Webinar on 15th January 2022, on the topic of "An Awareness Programme on Indian Army", to make an awareness about how to join Indian Army after doing B.Tech on the occasion of "74th ARMY DAY – 2022".

In this program, honorable speaker Mr. Prasanta Kumar Pan, Ex Major Subedar, INDIAN ARMY, delivered an informative speech on the life of an Indian Army and how a student can join Indian Army after doing B.Tech. It was a thoroughly interactive session. Students, who attended, hope it was an insightful session for everyone.

Electronics & Communication Engineering Department

"Off-Line Industry Visit"

Department of Electronics and Communication Engineering of GMIT has organized a Physical Industry Visit for the B. Tech ECE 2nd Year Students on 29.11.2021 at Sikharthy Infotech.

Students were explained about recent Technology trends in the software industry, concept of web development, how to handle foreign clients along with project submission guidelines, recent market scenario, how to upgrade themselves to become capable for industry, live demo of an ongoing project etc.



After a prolonged discussion with project manager students were very happy and they also got benefited with practical software industrial experience and campus interview type questions.

Electronics & Communication Engineering Department

"Alumni-talk"

Department of Electronics & Communication Engineering and Alumni Committee, GMIT has organized an "ALUMNI-TALK" program on 09th December 2021.

In this program, our Alumni Mr. Ritam Kanti Roy and Miss. Archana Tiwary students of 2021 pass out batch of Electronics & Communication Engineering Department were the key speakers who are currently working in Applied Research Work India Pvt. Ltd.

– COZEVA as a software engineer 1 and Applied Software Technology as a project trainee respectively. They shared their professional learning and some industrial tips to his juniors in a thoroughly interactive session and gave them an idea about the immediate industry skills they are stepping



Electronics & Communication Engineering Department

Technical Webinar on "EMBEDDED SYSTEM AROUND THE WORLD"

Department of Electronics & Communication Engineering & Research & Development Cell, GMIT has successfully organized a Technical Webinar on "EMBEDDED SYSTEM AROUND THE WORLD" on 11th December 2021. In this program, honorable speaker, Mr. Snehasish Halder, Firmware Engineer (MEDTRONIC ENGINEERING & INNOVATION CENTER), West Bengal, India, conducted an informative and interactive session on Different Aspects of EMBEDDED SYSTEM

IN TELECOM AND NETWORKING, hope it was an insightful session for everyone.



NEWS FROM THE JIS GROUP



Electronics & Communication Engineering Department

"ALUMNI-TALK"

Department of Electronics & Communication Engineering and Alumni Committee, GMIT has organized an "ALUMNI-TALK" program on 2nd December 2021. In this program, our Alumni Mr. Mr. Suvankar Jana student of 2017 pass out batch of Electronics & Communication Engineering Department was the key speaker who are currently working as a Quality Assurance Engineer in HTL Ltd (HFCL Group).



He shared his professional learning and some industrial tips to his juniors in a thoroughly interactive session and gave them an idea about the immediate industry skills they are stepping into.

Mechanical Engineering Department

"Off-Line Industry Visit"

Department of Mechanical Engineering, GMIT have organized an Industry Visit for the 2nd and 3rd year students in association with The Institute of Indian Foundrymen (IIF) - Kolkata Chapter on 16th December, 2021. Only 19 students were selected for this industry visit to maintain the COVID-19 protocol as directed.

Students gathered knowledge about the large scale foundry shop along with different machineries. Respected members of IIF Kolkata Chapter were present to guide them regarding the plant visit.

Students also gained knowledge regarding different casting processes, machining processes which they have studied in the classroom and departmental lab. Overall it was a nice experience for the students.



Electrical Engineering Department

"Tech Talk"

Department of Electrical Engineering, GMIT has successfully organized a "Tech Talk" to celebrate the auspicious occasion of "National Education Day" on 11th November 2021. The program was technically

sponsored by IEEE-PES, Kolkata Section. In this program, honourable speaker **Dr. Sandip Chanda**, HOD of Electrical Engineering Department of GKCIET, Malda, conducted an informative and interactive session on "Universal Human Values", where he has discussed on Life Values like Success, Failure, Emotion etc, Students, who attended, hope it was an insightful session for everyone.



Electrical Engineering Department

"Intra Departmental Science Quiz Competition"

Department of Electrical Engineering, GMIT has successfully celebrated the "World Science Day for Peace and Development" on 14th November 2021. "World Science Day for Peace and Development" is actually observed on 10th November, every year. In this program, the Department of Electrical Engineering has organized an "Intra Departmental Science Quiz Competition".



Students, who attended, hope it was an insightful session for - everyone.

Quiz Result :

Winner : Mr. Souvik Adak (1st Year EE Dept.)
1st Runner-up: Mr. Kunal Manna (1st Year EE Dept.)
2nd Runner-up : Mr. Suman Kumar Ghosh (13rd Year EE Dept.)

NEWS FROM THE JIS GROUP



Electrical Engineering Department

"IMPULSE - 2021"

Department of Electrical Engineering, GMIT has successfully organized the program "IMPULSE - 2021" to celebrate "World Students' Day" on 15th November 2021.

"World Students' Day" actually observes on 15th October, the Birth Anniversary of Dr. A. P. J. Abdul Kalam. In this program, the Department of Electrical Engineering highlighted the Life and Work of Dr. A. P. J. Abdul Kalam. Engineering Ethics and Oath were also

discussed and the program was concluded with the felicitation of top three student's performers in the semester examination (Academic Year 2020 – 2021). Students, who attended, hope it was an insightful session for - everyone.



Electrical Engineering Department

"ALUMNI-TALK"

Department of Electrical Engineering and Alumni Committee, GMIT has organized an "ALUMNI-TALK" program on 19th November 2021.

In this program, our Alumni Mr. Partha Sarathi Panuya, a student of 2020 pass out batch of the Electrical Engineering Department, GMIT and presently pursuing M. Tech. from NIT Sikkim, has delivered

a technical presentation to his juniors in a thoroughly interactive session. He has discussed career development plans, objectives, and his present projects.



Electrical Engineering Department

Technical Webinar on "Control Systems: A Beginner's Perspective"

Department of Electrical Engineering, GMIT has successfully organized a Technical Webinar on "Control Systems: A Beginner's Perspective" on 20th November 2021. In this program, honorable speaker, Dr. Sayantan Chakraborty, Assistant Professor, Department of Electrical Engineering, Jadavpur University, conducted an informative and interactive session on Basics of Control System

Engineering, Students, who attended, hoped it was an insightful session for everyone.



Electrical Engineering Department

"WORLD MENTAL HEALTH DAY"

Department of Electrical Engineering, GMIT has successfully organized a "Tech Talk" program on "Improvement of Mental Health Post COVID Situations" to celebrate the "WORLD MENTAL HEALTH DAY" on 22nd November 2021. This Tech Talk was Technically Sponsored by Signal & Processing Society, IEEE Kolkata Section. In this program, honourable speaker Ms. Navnita Bose, Lecturer, Dept. of Psychology, West Bengal State University & Clinical Psychologist, West Bengal, conducted an informative and interactive session on Mental Health,

Stress Control Strategies, methods to improve mental health etc. Students, who attended, hope it was an insightful session for everyone.



NEWS FROM THE JIS GROUP



Electrical Engineering Department

Technical Webinar on "Application of Vacuum Technology in MV Switchgear & Future in Power System"

Department of Electrical Engineering, GMIT has successfully organized a Technical Webinar on "Application of Vacuum Technology in MV Switchgear & Future in Power System" on 27th November 2021. In this program, honorable speaker, Mr. Santanu Banerjee, DGM, Schneider Electric, West Bengal, Kolkata, conducted an informative

and interactive session on Vacuum Switchgear Technology. Students, who attended, hope it was an insightful session for everyone.

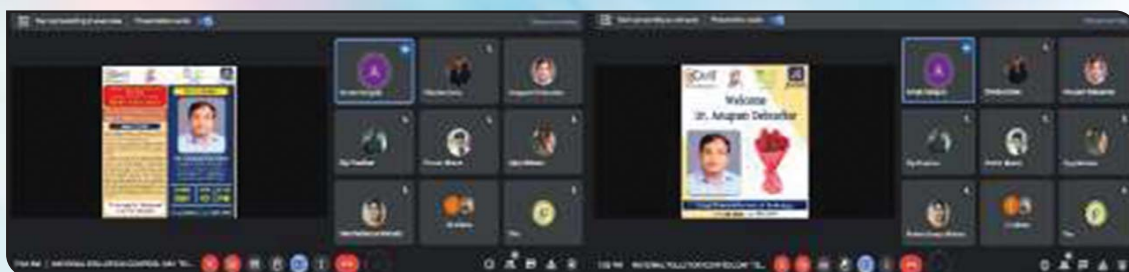


Electrical Engineering Department

"Air Quality of Kolkata: Current Status & Management Strategies"

Department of Electrical Engineering, GMIT has successfully organized a "Tech Talk" program on "Air Quality of Kolkata: Current Status & Management Strategies" to celebrate the auspicious occasion of "National Pollution Control Day" on 2nd December 2021. This Tech

Talk was Technically Sponsored by Signal & Processing Society, IEEE Kolkata Section. In this program, honourable speaker Dr. Anupam Debsarkar, Professor, Environmental Engineering Division, Department of Civil Engineering, Jadavpur University, West Bengal, conducted an informative and interactive session on different aspects of Air Pollution & its Control Strategies, etc. Students, who attended, hope it was an insightful session for everyone.

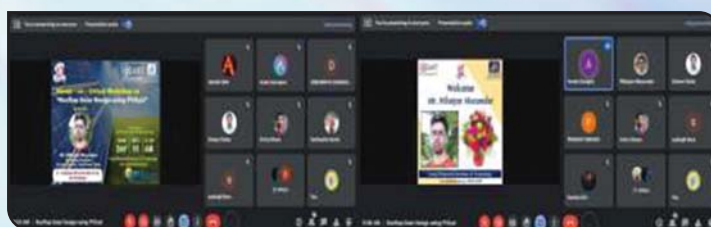


Electrical Engineering Department

'Virtual Hands-On Workshop'

Department of Electrical Engineering, GMIT has successfully organized a 'Virtual Hands-On Workshop' on the topic of "Rooftop Solar Design using SketchUp & PVsyst" on 5th December 2021. In this program, Mr. Nilanjan Mazumdar, Sr. Design Engineer, Arcedo System, Hyderabad, was the instructor of the workshop and he shared his experience on a 100kW solar system design using PVsyst software

and shadow analysis using SketchUp software. Students, who attended, hope it was an insightful session for everyone.

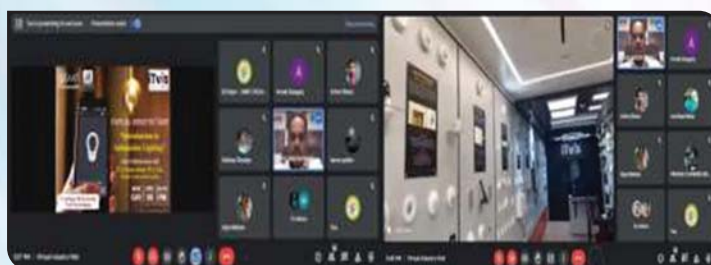


Electrical Engineering Department

'Virtual Industry Visit'

Department of Electrical Engineering, Gargi Memorial Institute of Technology, has successfully organized a 'Virtual Industry Visit' on "Introduction to Automation Lighting" in collaboration with "iTvis Innovations Pvt. Ltd." Nashik, Maharashtra, India on 6th December 2021 at 03:30 p.m. Different modern lighting schemes like Biological, Human Centric, Mood Lighting, and Different sensor-based Dali Control Lighting systems have been virtually demonstrated to the

students. Students, who attended, hope it was an insightful session for everyone.



NEWS FROM THE JIS GROUP

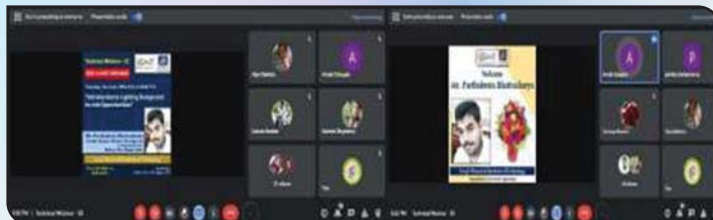


Electrical Engineering Department

Technical Webinar on "Introduction to Lighting Design and its Job Opportunities"

Department of Electrical Engineering, GMIT has successfully organized a **Technical Webinar (No.: TW-35)** on **"Introduction to Lighting Design and its Job Opportunities"** on 9th December 2021. In this program, honorable speaker, **Mr. Parthabrata Bhattacharya**, Territory Manager (Business Development), Crompton Greaves, Kolkata, West Bengal, India, conducted an informative and interactive session on

Different Aspects of Lighting Design and its Job Opportunities for B.Tech Students. Students, who attended, hope it was an insightful session for everyone.

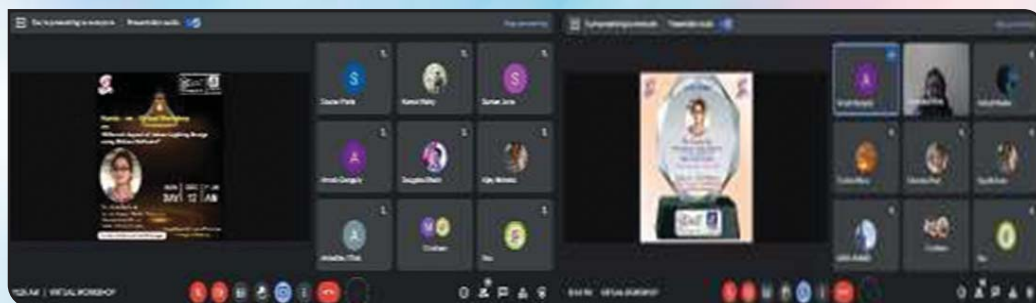


Electrical Engineering Department

Hands-on-Virtual Workshop on "Different Aspects of Indoor Lighting Design using DIALux Software"

Department of Electrical Engineering, GMIT has successfully organized a Hands-on-Virtual Workshop on 12th December 2021 on "Different

Aspects of Indoor Lighting Design using DIALux Software". Ms. Anindita Gain, Assistant Manager - Product Management, iTvis Innovations Pvt. Ltd. Nashik, Maharashtra, was the instructor of the workshop and shared her experience on a DIALux based indoor lighting design. Students, who attended, hope it was an insightful session for everyone.



Electrical Engineering Department

"Energy Scenario of Indian in 2050"

Department of Electrical Engineering, GMIT has successfully organized a "Tech Talk" program on "Energy Scenario of Indian in 2050" to celebrate "National Energy Conservation Day – 2021" on 14th December 2021. This Tech Talk was Technically Sponsored by Power & Energy Society (PES), IEEE Kolkata Section. In this program, honorable speaker Mr. Rabin Roy, Managing Director, Sun Craft Energy, Kolkata, & Mr. Kunal Bhattacharya, Managing Director,

Sustiknow Advisory Pvt. Ltd., Kolkata, conducted an informative and interactive session on future energy prospects, sustainable energy, etc. Students, who attended, hope it was an insightful session for everyone.

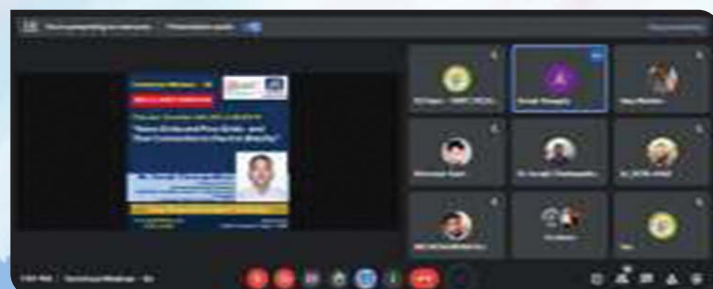


Electrical Engineering Department

Technical Webinar on "Nano-Grids and Pico-Grids - and Their Connection to Electric Mobility"

Department of Electrical Engineering, GMIT has successfully organized a Technical Webinar (No. : TW-36) on "Nano-Grids and Pico-Grids - and Their Connection to Electric Mobility" on 16th December 2021. In this program, honorable speaker, Dr. Surajit Chattopadhyay, Associate Professor, Electrical Engineering Department, Ghani Khan Choudhury Institute of Engineering and Technology (GKCIET), Narayanpur, Malda, West Bengal, conducted an informative and

interactive session on Different Aspects of micro, pico, nano & smart grids system. Students, who attended, hope it was an insightful session for everyone.



NEWS FROM THE JIS GROUP



Electrical Engineering Department

"National Mathematics Day -2021"

Department of Electrical Engineering, GMIT has successfully celebrated the "National Mathematics Day – 2021" on 22nd December 2021.

"National Mathematics Day" is observed on 22nd December in every year for Remembering, Indian Mathematician Srinivasa Ramanujan. In this program, the Electrical Engineering Department has organized an Intra – Departmental "SUDOKU" Competition. Students, who attended, hope it was an insightful session for - everyone.

SUDOKU Competition Result :

Winner : Mr. Aritra Dhara (4th Year EE Dept.) 1st Runner-up: Mr. Prabhat Mishra (2nd Year EE Dept.)

2nd Runner-up: Mr. Atanu Manna (3rd Year EE Dept.)



Electrical Engineering Department

Webinar on "Life of Swamiji for Young Engineers"

Department of Electrical Engineering, GMIT has successfully organized a Webinar on 12th January 2022, on the topic of "Life of Swamiji for Young Engineers", to celebrate the auspicious occasion of "National Youth Day – 2022", the 159th birth anniversary of Swami Vivekananda.

In this program, honorable speaker **Swami Mahaprajnananda**, Vice

Principal of Ramakrishna Mission Vidyamandira, Belur Math, Howrah, delivered an informative speech on the life of Swamiji. It was a thoroughly interactive session. Students, who attended, hope it was an insightful session for everyone.



"Health Awareness seminar"

GMIT NSS Club has successfully organized a **Health Awareness seminar** on the occasion of the **Death Anniversary of our beloved Madam Late Mrs. Krishnakali Banerjee on 9th December 2021** at GMIT Auditorium. In this program, **Dr. Ramdas Chatterjee**, President, K. K. Chatterjee Memorial Association, Kolkata & Former Head, Dept. of Tumor Virology, Chittaranjan National Cancer Institute, Kolkata, was the Chief Guest and he shared valuable information on COVID19, and what will be the lifestyle on post- COVID situations. More than 100 students and staff members gathered in the D. B. Auditorium (GMIT Campus) on this session. Students who attended

the seminar, are enriched by the valuable guidance given by the honorable speaker.

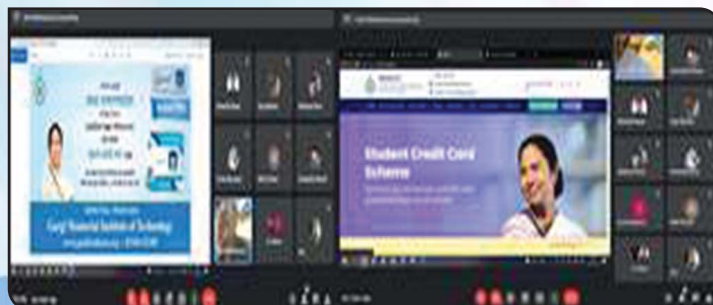


"Student Credit Card Awareness Camp"

GMIT has organized a "Student Credit Card Awareness Camp" program on 22nd December 2021 both Offline and Online Mode.

In this program, our respected principal sir, Dr. Somnath Maiti, Vice President sir, Mr. Binoy Panada & SCC Nodal Officer Mr. Sumit Bhattacharya, has delivered a talk on the importance of Student Credit Card thoroughly interactive session. Mr. Bhattacharya has discussed the application and registration process. This was an interactive session, both the audience (Offline & Online Mode) have

clarified their doubt in Q&A Session.



NEWS FROM THE JIS GROUP



GURU NANAK INSTITUTE OF PHARMACEUTICAL SCIENCE AND TECHNOLOGY

Date: 14.11.2021

WEBINAR ON "USER AWARENESS PROGRAMME ON NATIONAL DIGITAL LIBRARY OF INDIA"

Guru Nanak Institute of Pharmaceutical Science and Technology NDLI Club organized a Webinar on "User Awareness Programme on National Digital Library Of India" for all members of NDLI Club on 14th November 2021 & 4:30 pm through Google Meet, in presence of Club Patron, Dr. A. Sengupta (Director, GNIPST) and Club President, Dr. Lopamudra Datta (Principal- in-Charge, GNIPST). Mr. Soumya Bhattacharya, Assistant Professor, GNIPST delivered the welcome address then Biplab Banerjee, Assistant Librarian, GNIPST gave detail description about e-resources content available in National Digital Library Platform. Total No of participants are 100. Programme was live through official facebook page.



Date: 16.11.21 to 20.11.21

Induction Programme:

Transition from School to college life is one of the most challenging events in students life.

Induction Programme is a teething time when students build bonds with seniors and faculty members and expose them to the sense of larger purpose and self exploration.

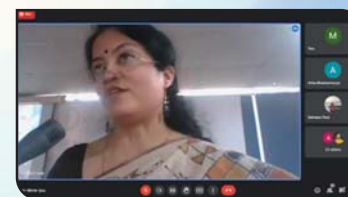
GNIPST organized a 13 days induction Programme to welcome Freshers to the Institute

The Induction orientation Programme started in the GNIPST Auditorium and then Introductory speech of Dr. Sumana Chatterjee (HOD)

An interactive session was organized by Prof. (Dr.) Abhijit Sengupta (Director) and Dr. Lopamudra Datta (Principal)

- PRINCIPAL'S ADDRESS
- DIRECTOR'S ADDRESS

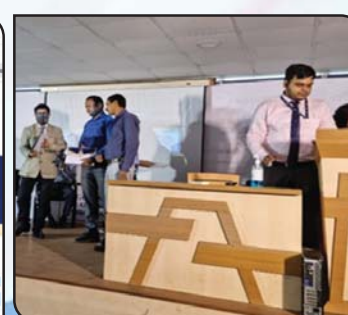
- COLLEGE VISIT
- SESSION ON UNIVERSAL HUMAN VALUES
- SESSION ON ANTI RAGGING ACTIVITY
- VISIT TO LOCAL AREA
- INTRODUCTORY SESSION ON MAR AND MENTORSHIP
- SPORTS ACTIVITY



Date: 26.11.2021

JIS Samman Award Distribution Ceremony:

JIS Samman Award Distribution Ceremony was held on 26th of November 2021 at GNIPST auditorium. All the awardee and few parents attained the offline programme. Prof. Dr.AshitGuha and Prof. Dr.SamtanuSenin invited as honourable guest for the programme. Programme was live through official Facebook page of GNIPST. More than 5k views and 100 share reached within one week.



NEWS FROM THE JIS GROUP



Induction Programme M. Pharm: 29.11.21

Induction Programme for Post Graduates 1st year Students was organised offline/online mode on 29.11.2021.

Programme was inaugurated through a demonstration of Institute by Anchor. All departmental Teacher Coordinators address towards the gathering and discussed the integrity of all courses. Students and parents interact with HODs, Principal Madam and Director sir for different queries.



Date : 10.12.2021

Webinar on Pharmaceutical Product Development, Dr. Mahendra Singh

Objective of the event:

- To disseminate vital information of Pharmaceutical product development
- To improve the interaction skill of the students.
- To inspire the students to engage in learning process
- To upgrade the industrial skill and research qualities in students

Report :

Guru Nanak Institute of Pharmaceutical Science and Technology organized an International webinar on 18th Dec 2021 from 11 am. About 1278 participants joined the programme through various Social media platforms. Eminent personalities Dr. (Prof) Abhijit Sengupta, Honorable Director GNIPST; Dr. (Prof) Lopamudra Datta, Principal GNIPST and Dr. Sumana Chatterjee and Dr. Swati Chakraborty, HODs of Department of Pharmacy and Life science GNIPST graced the occasion. The eminent speaker for the Programme was "Dr. Mahendra Singh", International Research Professor from Yeungnam University, South Korea.

- The program started with a welcome address to the eminent personalities, honourable speaker, participants from different colleges, all the faculty members and students by Ms. Moumita Chowdhury, Assistant Professor of GNIPST. The session started with a short motivating message from Dr. (Prof) Abhijit Sengupta, Honorable Director GNIPST and Dr. (Prof) Lopamudra Datta, Principal GNIPST. The honourable speaker of the program was then introduced by Ms. Chowdhury.
- Dr. Mahendra Singh is recently working as an International Research Professor, Yeungnam University, South Korea. He had worked as a Formulation research scientist at Brawn Laboratories Ltd., Haryana, India. He also was an Assistant Professor at Vivek College of technical education, U.P., India. He has Twenty-seven peer-reviewed publications and trained numerous bachelor and master students for their dissertation work. Dr. Singh's presentation was focused on the steps of Pharmaceutical product development. Each and every step was discussed in detail. He

explained how the success of bringing a new medicine to the market is the result of a complementary and contribution of research scientists working in the various scientific fields. Dr. Singh also highlighted the steps of formulation development. Overall, in a simple and detailed way the information was disseminated to the participants with a fruitful interactive session at the end pertaining to the overall success of the Programme.

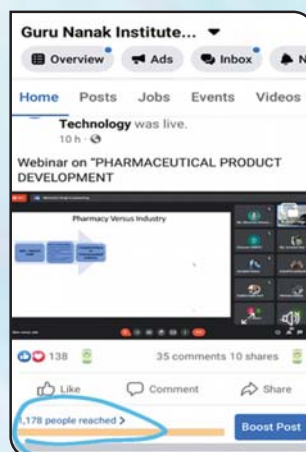
- At the end, Dr. Sumana Chatterjee and Dr. Swati Chakraborty, HODs of Department of Pharmacy and Life science GNIPST delivered a thanks giving message and felicitated the speaker with a memento. The program came to an end with a thanks giving note to all the participants, faculties and students present. The Workshop was highly informative to students, teachers and research scholars. In short the workshop provided valuable awareness and insight on the various aspects of Pharmaceutical product development. During the session, two feedback cum questionnaire link was given to all the participants for evaluation. The meet link was full with 101 participants and others joined the event live on Facebook. Certificate was declared to be given to all the participants who attended the entire session and submitted both the feedback form.

Recording link of the program:

No. of students registered : 247

No. of Participants in Google meet : 101

No. of viewers in Facebook live : 1,178



NEWS FROM THE JIS GROUP



Date: 20.12.21

International Seminar on "Role of Genetic Mutation in Paediatric Epilepsy and Encephalopathy" Given by Dr.Subhrajit Bhattacharya, Assistant Research Professor, Auburn University :

GNIPST organized a One-day International Seminar on "Role of Genetic Mutation in Pediatric Epilepsy and Encephalopathy" on 12th of December 2021, 3.00 pm onwards at GNIPST auditorium. The Program was conducted in both online and offline mode. All the post graduate students actively participated in the seminar in offline mode and all other UG students enthusiastically attended the seminar through Facebook live. There were more than 600 registrations both from GNIPST and other reputed colleges of India. Faculties, students research scholars actively participated and interacted during the seminar.

The seminar was in a very interesting area of neuroscience, where the speaker highlighted the role of loss of functional mutation and gain of functional mutation in induction of pediatric epilepsy and encephalopathy. The domains of mutation were discussed in depth followed by the application of patch clamp technique in measuring the voltage fluctuation at synapse. Our eminent speaker described

the application of few drugs in overcoming the symptoms of pediatric epilepsy and encephalopathy and their success and failure stories. There were many questions from the audience regarding various aspects of mutation, even there were questions regarding the role of mutation in neuronal disorders like ADHD and Autism. Overall, in a nutshell it was a very productive session both for faculties and research scholar giving new insight to the research based on neurological disorder. The seminar reached a lot of people through Facebook about 2K viewers followed 19 shares.



Date: 24.12.2021

Farewell ceremony of Badal Dutta, Caretaker, GNIPST.

GNIPST family members gathered together for farewell ceremony of M. Badal Dutta, caretaker, GNIPST at GNIPST board room. All the staff and faculty members shared token of love and pray for a healthy life ahead.



Date: 04.01.2022

Award received by Students at MAKAUT

Students are taking part in online quiz competition organized by Maulana Abul Kalam University of Technology. Mr. Jaydip Dey of B. Pharm 1st year got 2nd position in Online quiz Competition and Debasmita Chatterjee of B. Pharm 2nd year got 1st position in online drawing competition.



Date: 13.01.2022

Condolence of MATA JI:

With profound grief the GNIPST family members gathered to pay homage to our beloved Chairperson Sardarni Satnam Kaur, whose sudden demise has left all the members of his family and each member of JIS Group grief-stricken. Her demise is an irreparable loss to the entire JIS family.

The faculty and staff members of GNIPST, while praying for peace to the departed soul, paid obeisance to Mataji by offering garland and flowers to her photograph.



NEWS FROM THE JIS GROUP

GNIT



Free Health Camp

29th November 2021

Department of Hospital Management @ GNIT in association with Netaji Subayan Hospital, Kolkata organized a "Free Health Camp" on 29th November, 2021. Time : 11:00 am to 4:00 pm. Venue : GNIT Campus. Free Services- BP, Height, Weight, Oxygen saturation measurement, Random Blood Sugar Test, Fasting.



Inspiration, Motivation & Ideation

26th & 27th November 2021

Institution Innovation Council and Department of Food Technology @ GNIT, cordially invite you to "Inspiration, Motivation & Ideation" on 26th November 2021. Time : 11.00am. Venue : Auditorium, GNIT... The events, under the activity of IIC@ GNIT, are as follows –

Event 1 : Entrepreneurship and Innovation as Career Opportunity

Facilitator : Mr Subhashis Dutt, Director, Mohendra Dutt & Sons.

Event 2 : My Story- Motivational Session by Successful Entrepreneur/Startup Founder

Facilitator : Mr. Sandip Joadder, Director and CEO, Chakhor India Ventures Pvt. Ltd.



Industrial Visit to Parle Biscuit

29 November 2021

Department of Food Technology in association with the Training and Placement Cell @ GNIT , organized Industrial Visit to Bhagwati Foods Private Limited (Parle Biscuit), located at Dhulagarh, for 3rd year students of Department of Food Technology on 29th November, 2021, guided by the faculty members. During the visit, the students had the opportunity to witness the operational process of biscuit making and also had a good overview of bakery industry. The endeavour aimed to bridge the gap between academic and industrial

knowledge and facilitated internalization of workplace technical skillset.

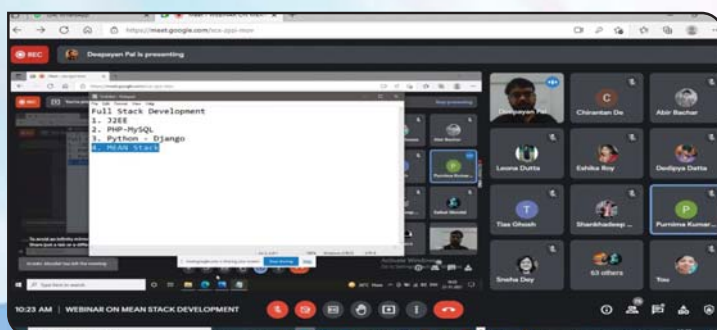


Webinar on MEAN STACK DEVELOPMENT

27th November 2021

The department of Electronics and Communication Engineering @ GNIT had successfully organized a One Day Webinar entitled MEAN STACK DEVELOPMENT on 27th November, 2021 from 10 AM onwards. The session was facilitated by MR. DEEPAYAN PAL, DIRECTOR & FOUNDER of SIKHARTHY INFOTECH PVT. LTD. More than 70 students participated in the session. The session was very enlightening which covered Mongo DB, Express, Angular, and Node, Mean Structure and Components, the usages and security. All the participants enjoyed and interacted with the speaker throughout the session. It

was coordinated by Dr. Suparna Biswas, Assistant Professor-ECE Department.



NEWS FROM THE JIS GROUP



Workshop on “Consumer Behavior: A lead to problem solving in Entrepreneurship”

3rd December 2021

Institution Innovation Council @ GNIT, organized a Workshop on “Consumer Behavior : A lead to problem solving in Entrepreneurship” on 3rd December 2021. The session was facilitated by Mr. Saikat Mazumder, Assistant Professor, Department of Food Technology and Innovation Ambassador, Institution Innovation Council, Guru Nanak Institute of Technology. The key outcomes of the session are:

Understanding consumers have more options than ever, with more companies competing for their attention and money Understanding consumer behavior is critical to being competitive Studying consumer behavior helps companies to understand how the decision to buy was made and how they hunted for the product. These information help companies and business managers to know

the reasons behind the purchase or rejection of a product or service by the customer.

How to focus on consumer behavior for a new start-up.

How to continuously focus on consumer behavior for an existing start- up/business venture.



Workshop on “Design Thinking in Product Development”

6th December 2021

Institution Innovation Council @ GNIT, organized a Workshop on “Design Thinking in Product Development” on 6th December 2021. The session was facilitated by Dr Kakali Bandyopadhyay, HoD, Department of Food Technology & Innovation Ambassador, Institution Innovation Council, Guru Nanak Institute of Technology. The key outcomes of the session are :

- Understanding consumers have more options than ever, with more companies competing for their attention and money.
- Understanding consumer behavior is critical to being competitive.
- Studying consumer behavior helps companies to understand how the decision to buy was made and how they hunted

for the product. This information helps companies and business managers to know the reasons behind the purchase or rejection of a product or service by the customer.

- How to focus on consumer behavior for a new start-up.
- How to continuously focus on consumer behavior for an existing start- up/business venture.

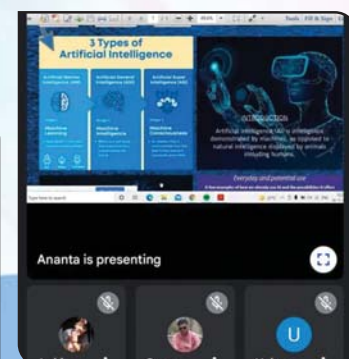


Annual Techfest-“TechVerse2K21”

26th - 27th, November 2021

Department of Computer Science and Engineering, @ GNIT, in association with TT Edugraph, organized Annual Techfest-“TechVerse2K21” (a technical version of excellence) during 26th - 27th, November 2021. The objective of the program was to present to the students the various possibilities and opportunities of engineering and to boost their innovative minds. The event was aimed to encourage students to accept challenges in the field of software development. The inauguration on 26, November'21 was graced by the presence of Prof. (Dr.) Santanu Kumar Sen, Principal, GNIT; Dr. Adhish Kr. Chakrabarty, Registrar, GNIT; Dr. Arun Kumar

Mondal, Controller of Examination, HODs of all the departments; faculty members of CSE department; student volunteers; and Team leaders of participating teams.



NEWS FROM THE JIS GROUP



'My Story - Motivational Session by Successful Innovators'

22 December, 2021

Department of Computer Science and Engineering, @ GNIT, in collaboration with Institutional IIC Cell, organized a session on 'My Story - Motivational Session by Successful Innovators'. Date : 22nd December, 2021 (Wednesday). Time : 11:00 AM onwards. Speaker: Mr. Nirmalya Nag, Director at Seven Rangers Hospital and Founder Chairman of Infinity Educare.



Intra College Annual Sports Meet 2021

10th and 13th December 2021

The Intra College Annual Sports Meet 2021 of Guru Nanak Institute of Technology was inaugurated on 10th December 2021 by Prof. (Dr.) Santanu Kumar Sen, Principal @GNIT, Mr. Vikram Newar, CEO@Taza TV and Mr. Mundhra, Director@Taza TV in the presence of Students, Sport enthusiasts, Faculty members and Staff. The Ceremonious Opening was done by Principal Sir and the Dignitaries by rolling out Badminton and Volleyball. The Annual Sports Meet spanned between 10th and 13th December 2021 with great zeal, excitement, and a frolicsome atmosphere at Guru Nanak College Campus ground. The day-long action-packed events witnessed active participation by more than 150 students. The students actively participated in field

events like Volleyball, Badminton, Cricket, and Athletics Meet (100m, 200m, 400m & Relay Race) which were conducted for boys and girls. The ground was filled with cheer, gaiety, and excitement with each event. The winners of the various events were awarded certificates. All the students, faculty members, guardians, and guests enjoyed the Intra College Annual Sports Meet 2021 which ended with the certificate distribution.



HEALTH TALK

20 December, 2021

Department of Hospital Management @ GNIT organized a session on "HEALTH TALK" on 20th December, 2021. The facilitator, Dr. Shubham Sabherwal, Mental Health Specialist, Postgraduate Resident in Medical College and Hospital, Kolkata, briefed about the significant role of mental health and suggested remedies to deal with post-COVID stress build-up. All the Students and Faculty Members of the Department attended the interactive Health Talk. The event was coordinated by Ms Debashruti Ganguly, HOD, BHM, GNIT and by Mr. Saugata Banerjee, Assistant Professor, BHM, GNIT.



Entrepreneurship and Innovation : Vectors for Successful Fundraising

23 December, 2021

Department of Information Technology, @ GNIT, in collaboration with Institutional IIC Cell, organized a session on 'Entrepreneurship and Innovation: Vectors for Successful Fundraising', on 23rd December, 2021, as part of Innovation Ambassador Talk Series. The facilitator, Dr. Moumita Das, HoD, & Assistant Professor, Department of IT@GNIT, motivated the students and discussed Vectors for Successful Fundraising on Entrepreneurship and Innovation. More than 65 participants, including faculties, JTAs, and students of the college, attended the interactive session.



Move Ideas from Concept-to-Code

23 December, 2021

Department of Information Technology, @ GNIT, in collaboration with Institutional IIC Cell, organized a session on 'Move Ideas from Concept-to-Code', on 23rd December, 2021, as part of Innovation Ambassador Talk Series. The facilitator, Mr. Tridib Chakraborty,

Assistant Professor, Department of IT@GNIT, motivated the students and discussed ideas from Concept-to-Code. More than 65 participants, including faculties, JTAs, and students of the college, attended the interactive session.



NEWS FROM THE JIS GROUP



Workshop on Internship through Internshala

24 December, 2021

Department of Computer Applications @ GNIT, in collaboration with Institutional IIC Cell, organized a Workshop on 'Internship through Internshala', on 24th December, 2021, as part of Innovation Ambassador Talk Series. The facilitator, Mr. Chiranjib Dutta, HoD and Assistant Professor, Department of CA, GNIT, motivated the students and discussed ways to get internship opportunities through Internshala platform. More than 60 students attended the interactive session.



JISSP

JIS POLYCON 2021

JIS School Of Polytechnic has organised their 5th National Conference on 'Diploma Engineering, Articulating Ethics and Human values in a multidisciplinary world of All knowledge for sustenance' from 16-18 Dec 2021 in association with Euphoria genx. The Conference was inaugurated by Dr. Humayun Kabir, **Minister of State (IC)**

Department of Technical Education, Training & Skill Development. Govt. of West Bengal.

This is an AICTE Funded SPICES Program for Promoting Interests, Creativity & Ethics among Students.

Lots of internal & external faculties & students provide write ups to publish in Proceedings. More than 30 school teachers & 20 industry personnel participated & share their valuable ideas for the shake of betterment of upcoming world.



FACULTY & STUDENT DEVELOPMENT PROGRAM

JIS School of Polytechnic organized a Student and Faculty Development Program on "Application of Technology for Sustainable Development in present Scenario" from 27th December, 2021 to 3rd January, 2022. During the session of the program, all the departments arranged their lecture session along with the invited guests. Day wise summary as follows -

Day-1: (Faculty Development Program on 27.12.2021).
Topic : Flow through pipes. (Fluid mechanics & machinery) and Steering System (Automobile Engineering).

Day-2: (Faculty Development Program on 28.12.2021).

Topic : Well Foundation.

The Department of Civil Engineering under JIS School Of Polytechnic, Kalyani arranged a "Student and Faculty Development Program" on 28.12.2021 on "Application of Technology for Sustainable Development in Present Scenario". Ms. Arnabi Banerjee, Lecturer of Civil Engineering Department shared her valuable speech on Well Foundation. She expressed on the different types of Well Foundation applicable on different types of soil, Advantages and different shapes of Well Foundation. **Key Speaker** : Ms. ARNABI BANERJEE

The Mechanical Engineering Department organized a student and faculty development program on 27.12.2021.

Key Speaker: DIPSANKAR CHATTERJEE

Some photographs of the Student and Faculty Development Program are:-



Some photographs of the Student and Faculty Development Program are:-



NEWS FROM THE JIS GROUP



Day-3 : (Faculty Development Program on 29.12.2021).
First Topic : Social Media Sentiment Analysis (From CST)
Second Topic: Microwave Propagation and Antenna (From ETCE)
Mr. Shymalendu Paul (Lecturer of CST Dept) and Mr. RanjanDebnath (Lecturer of ETCE) Dept conducted the SDP & FDP on the topic "SOCIAL MEDIA SENTIMENT ANALYSIS" and MICROWAVE PROPAGATION AND ANTENNA

Some photographs of the Student and Faculty Development Program are:-



Day-4 : (Faculty Development Program on 30.12.2021).

Topic: Universal Human Values in the context of Technical Education

Major points of discussion:-

- What are Universal Human values?
- What are the objectives of value education?
- What methodology is used for the value education?
- Why are we incorporating UHV in technical education system?

Gist :- 1-In the rat race of 21st century our future generation is indulged in technology and that's why deviating from the moral values which are universally accepted and these are based on natural acceptance.

2-Self and body concept is very crucial for a clear conception of the need-what we actually need for our self and what are the virtual needs related to our body.

3-This segregation in need will make us proceed to the eternal happiness which is intrinsic to every human being.

4-Lastly our students as well as we have to be human first then engineer and that's the essence of life for a target of holistically development.

Key Speaker:

ARIJIT MUKHERJEE

Some photographs of the Student and Faculty Development Program are:-



Day-5: (Faculty Development Program on 03.01.2022).

Topic: *Communications and Barriers of Communication*

- Process of Communication
- Barriers?
- Barriers to Communication

Key Speaker: PAYELI CHOWDHURY

Some photographs of the Student and Faculty Development Program

Major points of discussion:-

- Communication – What it is?
- Significance of Communication.



Induction Program

JISSP has Conducted Induction program for newly admitted 1st year students as per AICTE Guideline. Induction Program refers set of events & programs designed as a bridge course before their entering in main course. JISSP designed their Induction program consist of Guest lecture, Motivational session, alumni interaction, Faculty session etc.

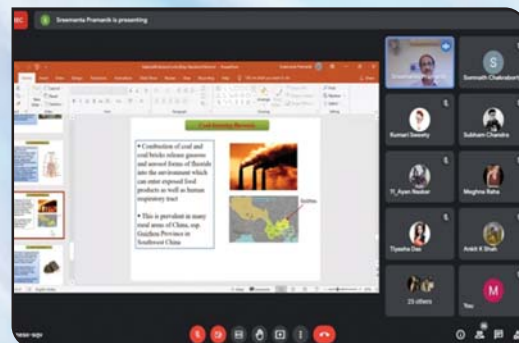
Some photographs of Induction Program



Webinar on 'Pollution Control : Need of the Hour' on 2nd December, 2021

The Business Administration Department of Narula Institute of Technology organised a Webinar 'Pollution Control-Order of the day' on 2nd December, 2021 at 2PM. The honourable speaker of the event was Prof. (Dr.) Srimanta Pramanik, Sr. Principal Scientist, National Environmental Engineering Research Institute (NEERI). The webinar was arranged in order to commemorate National Anti Pollution Day organised remembering Bhopal Gas Tragedy. Prior to the webinar, 8 students presented on different aspects of pollution. The main objectives of the webinar is to spread awareness on

managing and controlling industrial disasters, prevent the pollution produced by industrial processes or human negligence, to make people and industries aware about the importance of pollution control acts.



"Hands on Workshop on Machine Learning with Python on 30th November, 2021

The Department of Electrical Engineering of Narula Institute of Technology organized a webinar titled "Hands on workshop on Machine learning with Python" under Engineering College Student Chapter- Institute of Engineers (India) on 30th November, 2021 from 2:00 PM to 3:30 PM over Google Meet platform. The speakers were Mr. Deepyan Pal, Director and Founder, Sikharthy Infotech Pvt. Ltd. and Mr. Arnab Mondal, Trainer Sikharthy Infotech Pvt. Ltd. More than 70 participants attended the webinar including students and faculty members. The speakers shared their knowledge and

enlightened the students of B.Tech., M.Tech. and Diploma about machine learning with python programming domains.



MHRD -IIC Annual Performance and Ranking for the session 2020 – 21

Narula Institute of Technology has been awarded 4 star rating in the IIC Academic Calendar 2020-21 by the Ministry of Education, MoE's Innovation Council. The Institute has received Maximum Star Rating for the academic year 2020-21 and is proud to be in the top 10 Institutes in Eastern India.

Narula Institute of Technology has scored the maximum 4 star in this academic year with a score of 97.5 out of 100. NIT is also selected as the "Mentor Institute of 4 institutes with funding assistance from

MIC/ AICTE" and all the events have been conducted by the MHRD - IIC section of the Institute.

| Eastern/ERO | | | | |
|-------------|---------|---|-----------------------------|-----|
| IC201810500 | C-48594 | BIT SINDRI | Jharkhand | 4 |
| IC201810081 | C-30153 | Silicon Institute of Technology | Odisha | 4 |
| IC201912466 | C-6294 | Bengal Institute of Technology | West Bengal | 4 |
| IC201811194 | C-6175 | Dr. Sudhir Chandra Sur Degree Engineering College | West Bengal | 4 |
| IC201810212 | C-6304 | Dream Institute of Technology | West Bengal | 4 |
| IC201912496 | S-10899 | ELITE INSTITUTE OF ENGINEERING AND MANAGEMENT Polytechnic | West Bengal | 4 |
| IC202015043 | C-6185 | Greater Kolkata College of Engineering and Management | West Bengal | 4 |
| IC201810334 | C-6129 | JIS College of Engineering | West Bengal | 4 |
| IC201912408 | C-6286 | Meghnad Saha Institute of Technology | West Bengal | 4 |
| IC201810289 | C-6257 | Narula Institute of Technology | West Bengal | 4 |
| IC201810611 | C-6528 | Dr.B.R. Ambedkar Institute of Technology | Andaman and Nicobar Islands | 3.5 |

Industrial Visit organised by Mechanical Engineering Department on 9th & 10th December, 2021

The Department of Mechanical Engineering, Narula Institute of Technology has conducted an Industrial Visit for the B.Tech Mechanical Engineering, 2nd & 3rd Year students at Mukesh Training Academy, Kestopur, on 9th & 10th December, 2021. The students were updated on the various engineering facilities and domain of service present in the company through a Power Point presentation. Gradually the managers of the respective engineering departments guided the students to their shop floors and discussed in detail. More than 57 students visited the Academy maintaining Covid protocols.



NEWS FROM THE JIS GROUP



Report on "My Story - Motivational Session by Successful Entrepreneur/Startup founder" by MHRD IIC, NIT on 13th December, 2021

The MHRD IIC section of Narula Institute of Technology has organized an online session on "My Story - Motivational Session by Successful Entrepreneur/Startup founder" on 13th December, 2021. The speaker was Mr. Arijit Das, Director, Schoppen Solutions Pvt. Ltd. Mr. Das shared his own story of growing as an entrepreneur and encouraged



the students to build up their lives and careers in an optimistic way by boosting up the inner energy of the budding innovators to find their true success. The program was very much beneficial for the budding engineers for their startup creation and to fulfill their dreams & grow as an entrepreneur.

Workshop on "Entrepreneurship and Innovation as Career Opportunities" by MHRD-IIC, NIT on 14th December, 2021

The MHRD IIC section of Narula Institute of Technology has organized a webinar on "Entrepreneurship and Innovation as career opportunities" on 14th December, 2021 with an aim to inculcate Entrepreneurship skills in students. In this program, honorable speaker, Mr. Tapas Piplai, CEO, Capability Enhancement Centre, Pune gave an informative and interactive session to motivate the participants towards innovation and entrepreneurship. More than 90 members attended the live session through Google meet while the rest were watching through YouTube live.



WEBINAR ON "MY STORY-MOTIVATIONAL SESSION BY SUCCESSFUL INNOVATOR" on 15th December, 2021

The MHRD IIC Section of Narula Institute of Technology organized a webinar on "MY STORY-MOTIVATIONAL SESSION BY SUCCESSFUL INNOVATOR" on 15th December, 2021 through the Zoom Platform. The session was facilitated by Mr. Tuhin Banik, CEO of THATWARE, BOARD OF DIRECTORS OF MY BETTING DEALS U.K LTD. Mr. Banik is also an alumni of ECE Dept of Narula Institute of Technology. The major takeaway of the program was the experiences shared by him and his advice for budding entrepreneurs to believe in themselves and continuous effort to achieve their goals with pure dedication.



Clothes and Blanket Distribution

Narulites celebrate Christmas each year on a different note. This year the students were on a mission at Kolkata Road. They were the Secret Santa for many needy ones. They distributed food packets, stationeries and winter garments to them. To help alleviate their discomfort, our volunteers distributed hundreds of blankets to the homeless in Sodepur station area, Dakshineswar Temple area, Slum area near college. In Panihati Bengal Chemical area our students went there in small groups and celebrated the upcoming NEW YEAR 2022 with sharing goodies and a cake cutting moment.



NIT Jewels 2021

"NiT Jewels" the Annual Awards celebration was organized at the heart of NIT on 24th December, 2021. It was observed in a glorified way and the entire programme showcased the essence of Narula Institute of Technology. This event was designed to honor the performers who have excelled in the respective fields of Academics, Technical, Sports, Cultural and have been significant and consistent to the college in different areas. The most awaited award, the "College Blue", was conferred to Ruchi Sharma from the Electrical

Engineering Department for her consistent academic and overall performance in the Institute. A small Christmas Celebration was also held at the end of the gala event.



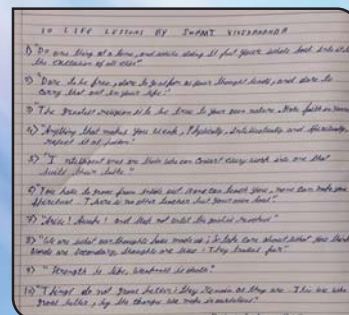
NEWS FROM THE JIS GROUP



Youth Day Celebration

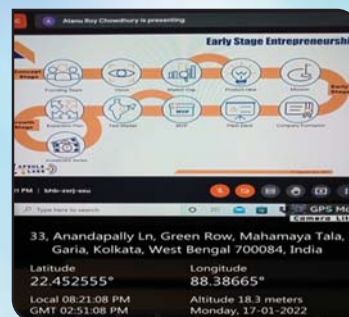
The 159th Birth Anniversary of Swami Vivekananda, one of the greatest philosophers and spiritual leaders, which is marked as National Youth Day was celebrated on 12th & 13th January, 2022. The day is also celebrated as National Youth Day or Rashtriya Yuva

Diwas. The students celebrated the day by making portraits, paintings, and PPTs. The program started with paying homage to our beloved Chairperson, JIS Group - Late Sardarni Satnam Kaur followed by the main event. More than 168 students participated in the events virtually and showcased their creative side by portraying ideologies of Swamiji.



Orientation Cum Mentoring Session-1

MHRD- Institution's Innovation Council (IIC) section of Narula Institute of Technology has organized a Orientation cum Mentoring Session-1 under the Mentor-Mentee Program of MIC on 17th and 18th January 2022, 7pm onwards. The Speakers were Mr. Atanu Roy Chowdhury, Founder Capsule Labs and IoT Evangelist and Dr. Ramjee Pallela, COO, Atal Incubation Centre - Centre for Cellular and Molecular Biology, [AIC-CCMB].



e-Symposium on Building Innovation and Entrepreneurial Ecosystem in Educational Institutions

Students and Faculty of Narula Institute of Technology attended the e-Symposium on Building Innovation and Entrepreneurial Ecosystem in Educational Institutions on 11th & 12th January, 2022 as part of the 'National Innovation Week', Azadi Ka Amrit Mahotsav (AKAM) celebration from 10th– 16th Jan 2022 organised by the Ministry of Education, AICTE, and Ministry of Commerce and Industry (DPIIT) in collaboration with the Ministry of Culture, Govt. of India.



Online Awareness Programme on Women Health and Hygiene

The Women Cell of NIT has organised an online awareness programme for the girl students and lady faculty and staff members of the college on 20th January, 2022 from 11 am onwards. The main objective of this programme is to discuss physical, emotional changes in an adolescent child nutritional management, menstrual hygiene and stress management among the students. The students emphasised various healthy lifestyle practises to prevent disease and promote optimum health. The speaker of the programme was Ms. Ankita Sukhwai, CSR Executive, Unicharm India. More than 94 students participated in this programme.



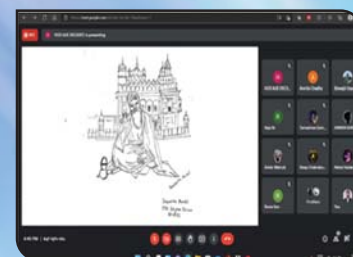
1. 552nd birth anniversary of first Sikh Guru, Shri Guru Nanak Dev ji

We are pleased to inform you that Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex celebrated the auspicious occasion, 552nd birth anniversary of first Sikh Guru, Shri Guru Nanak Dev ji in virtual platform on 19th November, 2021 4 PM onwards in the virtual platform as well as physically.

The college was decorated with flowers, diya's and rangoli to honor the Guru Prakash Utsav. The students along with the faculty members took active participation in decorating the premises. We had a virtual celebration where the students, faculties and the staff members participated by singing bhajans, speeches about the significance of the Guru Purab and many paintings were drawn to honor Guru Nanak Dev ji.

We are really blessed to offer our prayers on the 552nd birth anniversary of Guru Nanak Dev ji. We hope that the teachings and the sayings of the Guru will reflect goodness and compassion to all of us and we also hope that our life will grow and glow following the path of Shri Guru Nanak Dev ji.

Please find some snapshots of the celebration attached herewith.



2. Application of Machine Learning in Predicting Groundwater Arsenic Distribution in the Indian Sub-continent

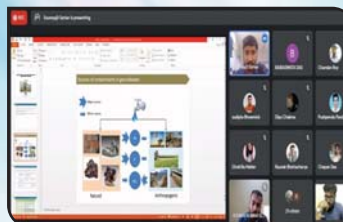
The Department of Civil Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex organized a webinar titled "Application of Machine Learning in Predicting Groundwater Arsenic Distribution in the Indian Sub-continent" on 18th September 2021 from 4.00 PM in Google Meet platform.

The speaker was facilitated by Mr. Soumyajit Sarkar, Senior Research Scholar, School of Environmental Science & Engineering, Indian Institute of Technology.

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.

Please find the attached photograph and recording of the webinar for our kind perusal - https://drive.google.com/file/d/1PtaEEuawfSrt4SJyLqJ8ogC1qWMH_Xb8/view



3. Brief on Thermal Power Plant; An Industrial Perspective

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. ParthaHaldar from Government College of Engineering And Ceramic Technology.**

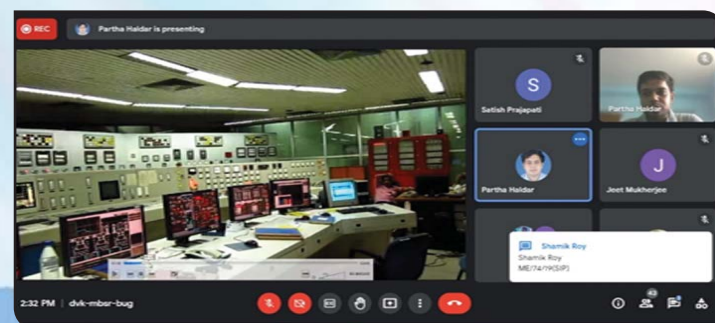
Students from the Department of ME along with Faculties have taken part in this program where various topics were discussed and shown which are as follows:

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.



NEWS FROM THE JIS GROUP



4. Machine Learning and Solid Work

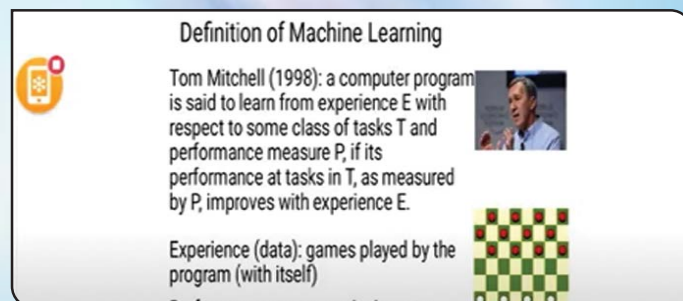
Department of Mechanical Engineering has successfully organized a workshop on the topic "**Machine Learning and Solid Work**" on **13th November 2021**, from **11.30am onwards** through **Google Meet Platform**.

The speaker of the session was **Mr. 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 was really enriching 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.



5. Physical Industry Visit for the B.Tech CE Final Year Students

Department 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.

Please find the attached glimpses of today's industry visit.



6. NSS Event

As per the fundamental Principles of the National Service Scheme, a NSS volunteer is expected to remain in constant touch with the community. Hence, it is of vital importance that a particular village/slum/ community is selected for implementation of NSS programmes.

The Extra Curricular and NSS Committee members of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex had organized an online activity to inform our society about Covid protections once again at the time of unlocking. The purpose of the campaign was to remind people about good hygienic practices, physical distance maintaining habits, providing tips for safe food practices and other basic health tips. The need to remain alert, follow all health protocols and save them from getting infected is equally essential for our society while we are going through an unlocking period.

They created an informative video with awareness articles, creative posters, slogans, messages for the society.

The link of the video is: <https://drive.google.com/file/d/1JsQHMcn7rcomV1FpS2OmQVrN3i2b5xwO/view?usp=sharing>
Few glimpses of the activity are attached herewith.



NEWS FROM THE JIS GROUP



7. Physical Industry Visit for the B.Tech ECE

Department of Electronics and Communication Engineering, SurTech has organized a **Physical Industry Visit for the B.Tech ECE 3rd Year Students on 28.11.2021** at Telecom Outdoor Radio Site.

Students were explained about GSM call flow / data flow & showed in detail the radio equipment at site - BTS , BSC , SMCS , GSM/microwave antenna , power units etc.

After a prolonged discussion with the site engineer students were very happy and they also got benefited with practical industrial experience and campus interview type questions.

After this long pandemic situation, it was a rejoicing moment for them.

Some glimpses are attached herewith...



8. Sustainable Machining Processes

Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex organized a Webinar on **"Sustainable Machining Processes"** on 27th November, 2021 from 4.30 pm onwards.

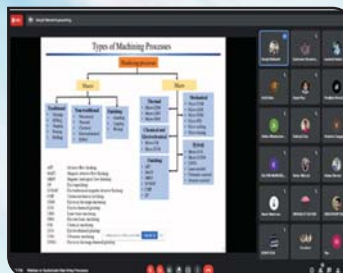
The Program was coordinated by Mr. Arindam Mukherjee, Teacher In Charge, Department of Automobile Engineering and Mr. Tanmoy Kundu, Assistant Professor, Department of Automobile Engineering.

The distinguished Speaker, Mr. Ranajit Mahanti, PhD. Scholar, IIT Guwahati shared his knowledge and experience on Sustainable Machining Process which is a recent initiative in machining technology aiming at reduction of raw material consumption, energy use and minimizing the machining time and thereby enhancing the efficiency.

The participants were from 2nd year, 3rd year and 4th year B. Tech Students and 2nd Year and 3rd Year Diploma Students of AUE

Department along with the Departmental Faculty members and Technical Assistants. The students gained immense knowledge on the technical domain of Sustainable Machining. Around 60 participants took part in this webinar session.

The webinar was continued for one and half hour with interesting Question Answer Session from students and faculties. The recording link of the session is <https://drive.google.com/file/d/100aQW6m5H0Axii1zYtSsqsA31a1skza/view?usp=sharing> Some snapshots are attached for your kind perusal.



9. National Pollution Control Day

Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex remembered the National Pollution Control Day (2nd December of every year) by preparing posters to spread awareness about controlling pollution.

Every year, 02nd December is observed as National Pollution Prevention Day in order to commemorate those who lost their lives in the Bhopal Gas Tragedy in 1984. This day also aims to make people understand the need for preserving our natural resources. It also raises awareness about how to prevent pollution caused due to industrial waste and human negligence.

Our students prepared posters to spread awareness how pollution can be controlled by planting trees and using the renewable form

of energies for all our purposes. As students of the Automobile Engineering Department, they were quite keen to showcase the recent technologies of Hybrid and Electric Vehicles in order to prevent pollution.

Some snapshots of the posters prepared are attached herewith.



10. International Conference on "Sustainable Environmental Engineering and Science (SEES 2021)

Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex under the aegis of JIS group (Educational Initiatives) Dept. of Civil Engg. organized an International Conference on "Sustainable Environmental Engineering and Science (SEES 2021) held on 03rd and 04th December' 2021 virtually. We are pleased to inform you that **Springer Publication** has also confirmed the publishing of conference papers in proceedings of Springer.

The aim of this conference was to provide a technical get-together for the Academicians, Engineers, Personnel from research laboratories and industry for reciprocating the advances/recent findings in their research experience through oral and poster presentation in the form of technical papers on various themes during two days of the **ICSEES-2021**.

The program started with the lightning of the lamp and Ganesh Vandana. An introductory speech was given by respected Principal Sir. Prof. (Dr.) Saradindu Panda and respected Director Sir Prof. (Dr) Arun B. Samaddar. Convener of SEES 2021 Mrs. Shefalika Ghosh Samaddar presented insight into SEES - 2019 and SEES - 2021. Mr. Baibaswata Das, TIC Department of Civil Engineering presented insight into the Department of Civil Engineering.

We also had 2 Keynote sessions from

1. **Dr. Iacopo Carnacina, Faculty of Engineering and Technology, School of Civil Engineering and Built Environment, John Moore's University, Liverpool**
2. **Dr. Joe Otsuki, Professor, College of Science and Technology, Nihon University, 1-8-14 Kanda Surugadai, Chiyoda-ku, Tokyo 101-8308 Japan**

Also over the two days, we had eminent persons from reputed IITs and other reputed academic institutions and eminent persons from reputed industries. Speakers like

1. **Dr. Makarand M. Ghangrekar, Professor, IIT Kharagpur**
2. **Dr. S ubhasish Das, Assistant Professor, Jadavpur University**
3. **Dr. Abhijit Dasgupta, Former Jt. Managing Director, M.N. Dastur Company Private Limited**
4. **Dr. Sunil Kumar, Head, Technology Development Center, CSIR-NEERI, Nagpur**
5. **Dr. Chiranjeeb Bhattacharya, Pro-Vice-Chancellor, Jadavpur University**
6. **Dr. Aniruddha Ray, Principal, Santiniketan B.Ed College,**

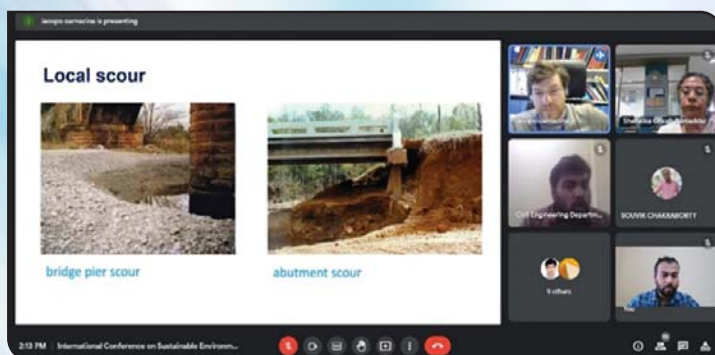
Many others were panelists in the panel discussion sessions organized over the two days.

The program ended with a vote of thanks from Our respected Principal sir and respected Director Sir.

Please find the attached glimpses of the program and also the inauguration program and valedictory session link.

Inauguration Program Link -<https://drive.google.com/file/d/1TnjMcSMUIUitFul3pOxXQ4DBYHYtRU9z/view?usp=sharing>

Valedictory Session Link - https://drive.google.com/file/d/1SD4gDIGCbP-o6p_OjGHwD5pwcIEmysRy/view?usp=sharing



11. Physical Industrial Visit for the B.Tech 2nd Year and 3rd Year students at Bhandari Automobiles

Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex had conducted an Physical Industrial Visit for the B.Tech 2nd Year and 3rd Year students at Bhandari Automobiles, Sodepur on 10th December, 2021 from 11AM onwards. The students were accompanied by Mr. Supriya Dhara, Junior Technical Assistant, Department of Automobile Engineering.

It was really an enthusiastic visit for the students as they were able to go to the Industries after a long time after the Pandemic. The students were guided by Mr. Avijit Banerjee, Training In Charge, Bhandari Automobiles for the entire time. The students watched and learned about the Industrial Practices about the following topics:

1. Complete Electronics and Electrical connections or wirings present in vehicles.
2. Washing Bay of the service center.
3. Spare parts billing area and Warehouse.
4. Small Commercial Vehicle Maintenance Processes.
5. Heavy Commercial Vehicle Maintenance Area and Processes.
6. Vehicle Overhauling Area

The visit was really fruitful as nearly 30 students participated in this visit while maintaining proper COVID rules and regulations. Some of the snapshots are attached herewith for your kind perusal.



NEWS FROM THE JIS GROUP



12. Webinar on Industrial Safety Management

Department of Automobile Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex organized a Webinar on Industrial Safety Management on 11th December, 2021 from 4 PM onwards in the Google Meet Platform.

The speaker of the Webinar was Mr. Biswadeep Mukherjee, Maintenance Manager, Forsoc Chemicals (India) Pvt. Limited. The speaker described and explained the common Industrial Safety Practices through his excellent presentation. Starting from the basic safety practices to the engineering safety devices, the speaker tried to cover all the relevant practices adopted in industries. The session was really interactive as the students asked many interesting questions.

Almost 65 students from B.Tech and Diploma, along with all our faculty and staff members participated in this Webinar. The Department of Automobile Engineering is looking forward to organizing such Webinars in the upcoming days also.

Some of the snapshots are attached herewith for your kind perusal.



13. Webinar on "Highway Geometric Design"

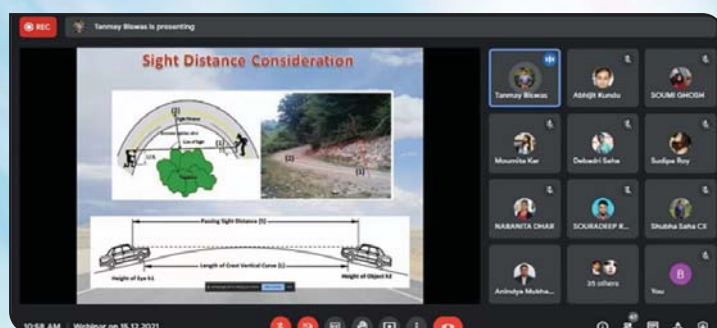
The Department of Civil Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex organized a Technical webinar on "Highway Geometric Design" on 15th December 2021 from 10.15 AM to 11.30 AM pm over the Google Meet platform.

The speaker was Mr. Tanmay Biswas, Manager (Civil), RITES Limited, Highway Division, Kolkata.

A total of 60 participants attended the webinar. The speaker shared his experience and enlightened the students of B.Tech and Diploma about the application of Highway Geometric Design. The session was very motivating and all the participants thoroughly enjoyed and also interacted with the speaker throughout the session.

Please find the attached photograph and recording of the webinar for our kind perusal.

Recording Link - https://drive.google.com/file/d/16SICWfk7E0zMU0i0pKZciro_I9-sw12X/view?usp=sharing



14. A webinar on PLC" in collaboration with MicroProPvt. Ltd.

Department of Electrical Engineering of Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex has organized "A webinar on PLC" in collaboration with Micro Pro Pvt. Ltd. under the aegis of the IEI Student Chapter on 14th December 2021.

Speaker Mr. Joydeep Nath (Senior Technical Expert Micro Pro Pvt. Ltd.)

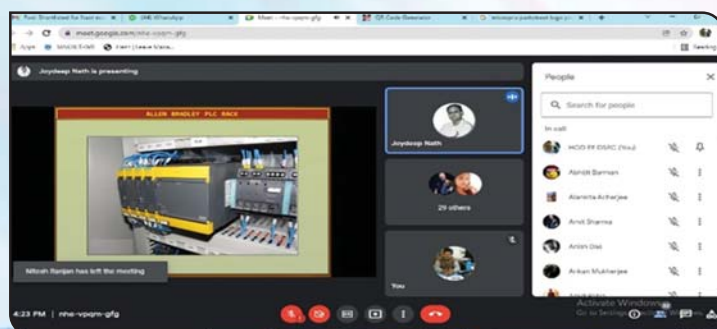
The following were the key highlights of the applications on PLC:

- Basic architecture of PLC
- Input, output & memory structure
- Wiring of inputs, output & power supply
- Introduction to RSLogix5000
- Ladder Diagram using RSLogix 5000

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.



15. Project Competition 'Ideate and Innovate'

Department of Automobile Engineering had organized an innovative Project Competition 'Ideate and Innovate' on 17th December, 2021; 3 PM onwards.

The theme of the Project Competition was Renewable Energy, Modern Vehicles and Automobiles during COVID-19. There were six projects submitted on the abovementioned themes, which are as follows:

1. Material Transportation using Drone
2. Two Wheeler Anti-Theft Fingerprint Sensing Device
3. Electric Bike with 6 Speed Gearbox
4. Electro-Mobile, an E-Bike
5. Vehicle Clay Model
6. Hybrid Power Bank

The students participated in this competition really enthusiastically and their projects were really mesmerizing. We are really overwhelmed with their ideas and thinking and the hard work they had put behind these projects. Among these six projects, Material

Transportation using a Drone made by Vedarko Dasgupta, student of Automobile Engineering (Diploma), 2nd Year was selected first unanimously by the judges, whereas the projects Two Wheeler Anti-Theft Fingerprint Sensing Device (made by Soumya Dey and Mithun Mazumder, Automobile Engineering, B. Tech, 4th Year) and Electric Bike with 6 Speed GearBox (made by Aman Singh, Pitam Kundu and Aniket Singh, Automobile Engineering, B.Tech 2nd Year) stood second and third respectively.

We are looking forward to developing these projects in a much better way and to organize such events in the future to upgrade the skills of the students. Some snapshots and videos are attached herewith for your kind perusal.



16. physical Industry Visit for the B.Tech CE Final Year Students, B.Tech CE

Department of Civil Engineering, SurTech has organized a physical Industry Visit for the B.Tech CE Final Year Students, B.Tech CE 3rd Year Students, and Diploma CE Final Year Students on 17.12.2021 and 20.12.2021. The construction site visited by our Students was under construction building of JIS Medical College.

After this long pandemic session, it was a moment of rejoicing for the students as they have done today's visit physically and they

have learned a lot about various innovative construction technology, various new techniques of Surveying with DGPS and Total Station, innovative Piling Techniques.

Please find the attached glimpses of today's industry visit.



17. "Graduation Day of Hyundai Motor India Ltd"

The "Graduation Day of Hyundai Motor India Ltd" was organized at the Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex on 21st December, 2021.

This is a day where Hyundai Motors celebrates by visiting institutions and screening students for their upcoming projects in their organization. It is a special day for DSCSITSC that students from Automobile Department would get a chance to be a part of this giant automobile company.

Mr. Asim Chakraborty, Zonal Manager Service Training along with the representatives of Hyundai Mr. Tapan Majumder and others visited the Department of Automobile Engineering and appreciated the infrastructure of our college.

A formal program of celebration of Graduation Day witnessed the presence of Teacher-In-Charge of Automobile Engineering Department along with all the faculty members. Ms. Amrita Chadha,

Administrative Executive, DSCSITSC along with Mr. Aviroop Dewan, Ms. Ekta Singha Roy, Mr. Nirupam Sarkar along with other staff members were also present in the ceremony. The program started with a Lamp Lighting Ceremony and followed by the welcome address of Mr. Arindam Mukherjee and Mr. Asim Chakraborty. Mr. Asim Chakraborty, Zonal Manager Service Training while speaking to the audience narrated the history of Hyundai and how Graduation Day has come up in their calendar. The selection process along with the Interview was followed afterwards. The certificates were then provided to all the students by the respected dignitaries along with our Institutional Representatives.

Few glimpses of the event were attached herewith.



NEWS FROM THE JIS GROUP



18. "Innovative idea & Creative Mind" by Successful Entrepreneur/Startup founder"

Department of Mechanical Engineering has organized an online session on "Innovative idea & Creative Mind" by Successful Entrepreneur/Startup founder" on 22nd December 2021 from 11.30 AM onwards. The speaker was Mr. Surya Narayan Bhandari, S. N. B. Gears & Engineers, Mr. Bhandari shared his own story of growing as an entrepreneur and encouraged the students to build up their lives and careers in an optimistic way by boosting up the inner energy of the budding innovators to find their true success. The program was very much beneficial for the budding engineers for their startup creation and to fulfill their dreams & grow as an entrepreneur.



Some glimpses and video links are attached herewith for your kind perusal.

https://drive.google.com/file/d/1S8Hp5ByIrbT4oeVzV7MTnsP_U_HSQ1um/view?usp=sharing

Facebook link:

<https://www.facebook.com/105323875125892/posts/208646591460286/>

19. Physical Industry Visit for the B.Tech 3rd year and Final Year Students

Department of Mechanical Engineering, SurTech has organized a **Physical Industry Visit for the B.Tech 3rd year and Final Year Students**, On 21st December 2021 at the Bureau of Indian Standards(BIS) laboratory situated at Kakurgachi.

Students were accompanied by Departmental faculty Mr. Subhendu Pal and Technical Assistant Mr. Tanmoy das.

In the beginning, the students were given a hearty welcome and were updated on the various engineering facilities and domain of service present in the laboratory through a PowerPoint presentation. Gradually the staff of the respective departments guided the students to their 4 laboratories, RAL (Gold purification testing), Food Technology, Material Strength Technology (UTM lab), Hardness Testing Lab, and explained the process of standardization of various materials.

27 students visited the laboratory maintaining Covid protocols.

The tour was highly informative and the students were exposed to practical operations which will bridge the gap between theoretical and practical knowledge. All the students are very much pleased with the experience along with the hospitality given by them. They also gave a return gift for all the students which enhanced the experience and happiness of all the students.

A few pictures are attached for your reference.



20. DSCSITSC in collaboration with IIT Kharagpur had organized the prelims of Spring Fest, 2022 at our campus

DSCSITSC in collaboration with IIT Kharagpur had organized the prelims of Spring Fest, 2022 at our campus on 22nd December, 2021 from 10 PM onwards till 5.30 PM in the evening.

Spring Fest is the widely famous annual cultural festival organized by the students of IIT Kharagpur and it presents the finest opportunity to compete against the best in the cultural fraternity all over country. Nation Wide Prelims (NWP) of Spring Fest, IIT Kharagpur or HITCH HIKE as it is famously known are being held in major cities across India. This year in Kolkata, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex was honoured to be recognized as the City Partner of Spring Fest. The Facebook Post of the IIT Spring Fest has already been shared 500 times and it has widely reached the different sectors of educational community of West Bengal. The daylong event was composed of several competitions like Shake-a-Leg (Solo Dance Competition), Shuffle, SF Idol, Two for a Tango, Nrityakala, I Me Myself, Nukkad, Poetry Slam. Near about 200 students from twenty-five different colleges of West Bengal took part in this event.

The event ended with the Spring Fest authorities acknowledging SurTech's contribution to organize such a mesmerizing experience for all. The students of IIT Kharagpur thanked our respected Principal Sir for offering all the necessary help and support for the same. We are certainly looking forward to collaborate with Spring Fest, IIT Kharagpur in the upcoming years also to conduct the event. Some snapshots along with the link of the Spring Fest_Facebook Post and Spring Fest_Instagram are attached herewith for your kind perusal.



NEWS FROM THE JIS GROUP



21. NSS Activity

“Service to mankind is service to God”

This noble thought of Swami Vivekananda inspires everybody to contribute towards the wellbeing of the world. Apparently in our journey of helping the world, we really help ourselves, because it is not the receiver that is blessed, but it is the giver. These thoughts motivated to organize a Cloth and Food distribution program by the Extra Curricular and NSS Committee of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex. Eventually this noble thought got dimensions and got executed on 28th December, 2021. The students, faculty and staff members distributed the garments and foods at DumDum Hanuman Mandir surrounding the slum area to share the happiness.

With the motto: The contentment and pleasure attained by one through helping the less fortunate is the greatest achievement we could ever have in our life.

Few glimpses of the charitable event are attached herewith.



22. A webinar on Innovative Idea & Creative Mind "

Department of Electrical Engineering of Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex has organized " A webinar on Innovative Idea & Creative Mind " under the aegis of the Institution's Innovation Council (IIC Cell) on 22nd December 2021.

Speaker - Mr. Amit Sharma & Mr. Tathagata Bose, Student EE-4th Year, "Chatra Vishwakarma Award final Participants".

The following were the key highlights of the webinar :

- o Innovative ideas how a woman can protect herself in a dangerous situation using Lipstick taser
- o Circuit diagram & components
- o How does a Lipstick taser work as weapon of disguised self defense.

- o Financial impact of Lipstick taser in social scenarios.
- 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.



23. Physical Industry Visit for the B.Tech ECE

Department of Electronics and Communication Engineering, SurTech has organized a Physical Industry Visit for the B.Tech ECE 3rd Year & 2nd Year Students on 23.12.2021 at BITM(Birla Industrial and Technological Museum).

Birla Industrial & Technological Museum (BITM) in Kolkata, the first science museum in the country under the National Council of Science Museums (NCSM), Ministry of Culture, Govt. of India, is engaged in popularizing and promoting science especially among the youth through various interactive models, exhibitions, educational programmes and activities throughout the year.

BITM facilities are specifically designed to augment the learning curves of the students not only on curricular concepts in basic physics, chemistry, mathematics, biology, astronomy, electricity,

electronics etc. and students were demonstrated about Science gallery, 3D theater show, Television gallery & Chroma key show, Electricity gallery & High voltage theater show, Mathematics Gallery & Curious Calculations Show, Science Magic Show, Innovation hub. After a prolonged discussion with scientists and technical officers students were very happy and they also got benefited with practical experience.

Some glimpses are attached herewith...



NEWS FROM THE JIS GROUP



24. My Story : Motivational session of a Successful Start-Up founder"

The Department of Civil Engineering is pleased to inform you that we have organized a Webinar session on "My Story: Motivational session of a Successful Start-Up founder" on 29.12.2021 from 12.00 PM an activity under the Institute Innovation Council (IIC Cell), DSCSIT&SC

Mr. Amartya Majumder, Cloud Kitchen Franchise Owner Siliguri - The Biryani Inc., Burger In-Law, Santa Delivers, Yaara Da Dhaba an Alumni of 2020 Batch of Civil Engineering was the guest speaker of this webinar.

Mr. Sourav Kumar Singha, Assistant Professor, Innovation Ambassador

IIC Cell, coordinated the webinar. A total of 40 Students has joined the event. The primary goal, which is to deliver the concept of start-ups and innovation was fully achieved. Please find the attached glimpses and the recording of the session.

<https://drive.google.com/file/d/1HSsUk5y46Q0DffYqX35rKGooOf1kO1S/view?usp=sharing>



25. 5 Days Online FDP on Research Methodologies and Software-based Tools for Research

Department of Electronics and Communication Engineering has successfully organized a 5 Days Online FDP on Research Methodologies and Software-based Tools for Research from 27th to 31st December 2021.

Expert talks on scholarly article writing and research paper publishing in various modes such as journals, conference proceedings, magazines, book chapters, etc were discussed. Exposure to modern software tools such as Python, Machine Learning, Deep Learning, latex, Turnitin were given by the faculties.

69 Participants were registered in this FDP, among them 56 Faculties, 6 are Research Scholar, 4 Master's Student and 3 Industry and other resource persons.

Eminent speakers attended from national and foreign institutes delivered talks such as:

Prof. (Dr.) Jayanta Kumar Roy
Chairman IEEE CAS, Kolkata Section
Topic: About IEEE-CAS and its scopes.

Prof. (Dr.) Salil Kumar Sanyal
Jadavpur University
Topic: Importance of research in current scenario.

Dr. Avtar Singh
Asst. Prof., Adama Science and Technology University, Ethiopia.
Topic: Research Methodologies and techniques.

Dr. Viranjoy Srivastava
Asso. Prof., University of KZN, S.Africa
Topic: Research tools and technical report writing.

Dr. Rupam Goswami
Asst. Prof. Tezpur University, India
Topic: Squirrel's Technique: Doing research the 'easy' way.

Dr. Rinku Rabidas
Asst. Prof., Assam University, India
Topic: Introduction to Deep learning and Python and it's applications.

Dr. Amarjit Roy
Asst. Prof., Ghani Khan Choudhury Institute of Engineering & Technology, India.
Topic: Machine learning in research.

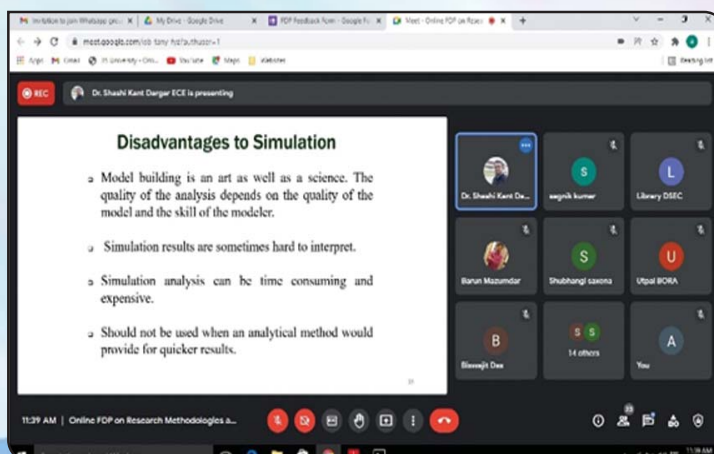
Dr. Shasikant Dargar
Asso. Prof., Kalasalingam Academy of Research and Education, India
Topic: Simulation and Modelling as tools in research.

Dr. Bidhan Malakar
Asst. Prof., JISCE, India
Topic: Writing technical report in LATEX

Prof. (Dr.) Sefalika Ghosh Samaddar
Professor., SurTech, India.
Topic: Research Ethics and plagiarism checking.

Participants got benefited after a detailed discussion on various research aspects and exposure to various tools related to research.

Some glimpses are attached herewith...



NEWS FROM THE JIS GROUP



26. Webinar on the topic "Find The Entrepreneur In You"

Department of Electronics & Communication Engineering, SurTech has conducted a Webinar on the topic "Find The Entrepreneur In You" on Monday, 10th January, 2022 from 3pm onwards.

We are honored and privileged to announce that the students from different years and Departments, Faculties and Technical Assistants have participated to enrich their knowledge through this webinar.

The speaker of this webinar was Mr. Aashutosh Jaiswal, Owner and a Successful Start - Up Founder of Aspire Digital Media. He is also an alumni of the Electronics and Communication Engineering Department of SurTech.

He was very interactive throughout the webinar.

We are immensely delighted to inform you that the Webinar went extremely well. It was mainly an interaction based session. The speaker greatly motivated the participants and highlighted Engineering, Job Hunting and New-Normal in the pathway to become a successful professional.

The recorded link :
https://drive.google.com/file/d/1p_N0qVAPECffch1bJTorjKYGWA_ip3W/view?usp=sharing



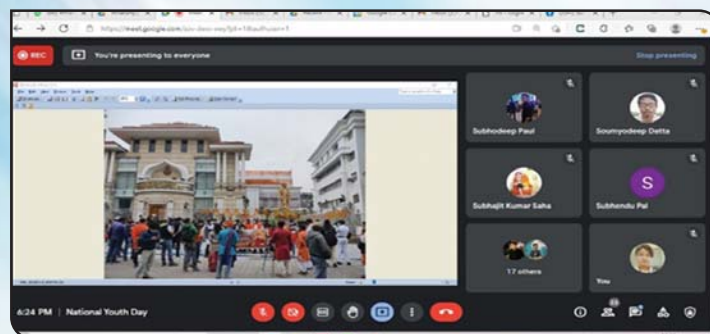
27. Celebrated Swami Vivekananda's Jayanti

The Department of Mechanical Engineering of Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex celebrated Swami Vivekananda's Jayanti on 13th January 2022 with B.Tech and M.Tech students.

Swami Vivekananda Birthday is also celebrated as National Youth Day as he has been influential in creating awareness among the masses and especially youth through his speeches and lectures. Swami Vivekananda was vocal about the importance of youth in the process of nation-building and thus it is of prime importance to make our students understand the values and ideologies presented by Vivekananda in his lifetime. The same has been portrayed by our students through various means such as posters, slogans, poems & video clips created by them in which they have showcased the ideologies and principles followed by Vivekananda.

Some glimpses and video links are attached herewith for your kind perusal.

https://drive.google.com/file/d/1bPaf8ISB8tq2qydk_yeJyYgQVRwjdc/view?usp=sharing



28. "Career opportunities and Entrepreneurship"

Department of Mechanical Engineering has organized an online session on "Career opportunities and Entrepreneurship" by Successful Entrepreneur/Startup founder" on 16.01.2022 from 6.00 PM onwards. The speaker was Er. Adv. Kaushik Sengupta.

Er. Sengupta shared his own story of growing as an entrepreneur and encouraged the students to build up their lives and careers in an optimistic way by boosting up the inner energy of the budding innovators to find their true success. The program was very much beneficial for the budding engineers for their startup creation and to fulfill their dreams & grow as an entrepreneur.

Some glimpses and video links are attached herewith for your kind perusal.

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