



**ED, GJEPC
SPEAKS**



and value addition, the government has declared gems and jewellery sector as a focus area for export promotion. The government has undertaken various measures recently to promote investment and upgrade technology and skills to promote 'Brand India' in the international market.

The Gem & Jewellery Export Promotion Council (GJEPC) under Ministry of Commerce and Industry is the apex body driving India's export-led growth in the gem and jewellery sector, since 1966. Headquartered in Mumbai with regional offices across the country, the Council has over 7,000 members in its fold.

The GJEPC facilitates better interaction on trade-related issues between the industry and the Government of India, and also takes up relevant export-related issues with the government, ministries, regulatory authorities and agencies. The GJEPC provides MSME's with affordable modern machines and tools at Common Facility Centres.

In the GJEPC's mission towards achieving excellence in productivity and quality in the gem and jewellery industry there are certain areas that need attention such as availability of latest machineries and technologies, need of skilled and trained workers, enhanced product output and quality, reduction in cost of production, reduction in wastages, greater push to use of advanced technology in Research & Development, need for specialised tools and dies etc., advance training to workers, qualified assayers, hallmarking, strengthening of testing, and infrastructure etc.

The National Productivity Council of India has been working with GJEPC to gauge the performance parameters of the CFCs developed under the Department of Commerce in improving the productivity of the gems and jewellery sector. Considering the above challenges, NPC is committed to assist the gem and jewellery industry and make the sector competitive in the global market.

My best wishes to the readers and NPC in their future endeavours.

Sabyasachi Ray, Executive Director, GJEPC

The Indian gem and jewellery export sector is the bright star of our economy, contributing 7.5% to India's total GDP. Annually the gem and jewellery exports account for USD 40 billion. Our aim is to take the exports to USD 75 billion by the year 2025. Gem and jewellery was one of the most affected sectors during the pandemic. However, last year, through a host of virtual initiatives and support from the government, the industry could showcase its resilience. And it can be witnessed from the quick bounce back of exports to pre-covid levels as soon as markets started opening.

Gems and jewellery exports recorded a staggering 8.46% growth in quarter one (Q1) of this financial year. With a meagre G&J export turnover of USD 2.75 billion in Q1 of FY '21, the sector managed to achieve a turnover of USD 2.51 billion in the month of September 2020 that further grew by about 35% to USD 3.36 billion dollar in July 2021 – being higher than the average monthly export turnover in the last three years. I am sure the gem and jewellery sector will achieve USD 43.75 billion export target set by Hon'ble Prime Minister Shri Narendra Modi for the FY 2021-22. Based on its potential for growth

Energy of Things: NPC-COEGP, Taiwan organises webinar

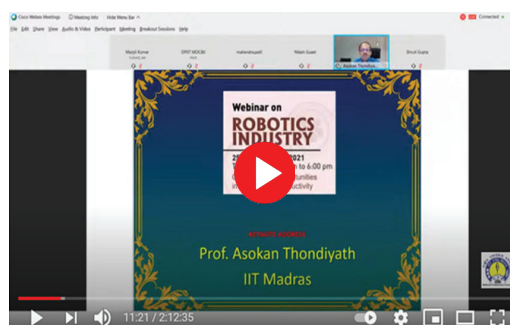


NPC hosted a webinar on Energy of Things: Ecosystem of Solar Energy, Environment and Sustainability on 8 September, 2021. The webinar was conducted in association with China Productivity Centre (CPC), Taiwan under the aegis of Asian Productivity Organization supported Centre of Excellence on Green Productivity. It was attended by more than 60 international and national participants.

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WebTalk

WHAT'S IN STORE FOR THE ROBOTICS INDUSTRY



PRODUCTIVITY QUOTE

“**STRIVE NOT TO BE A SUCCESS, BUT RATHER TO BE OF VALUE.**”

ALBERT EINSTEIN

NPC paper on construction and demolition waste in the best 5 list

National Council for Cement and Building Materials (NCCBM) had organised a National Seminar on "Research & Innovation for Sustainable Development of India" on 6 & 7 September 2021. Asna Farooqui, Project Associate, NPC had presented her research paper on "Construction and Demolition (C&D) Waste in the purview of Circular Economy". Her paper, which was selected among the best five sought to highlight certain policy recommendations that would further strengthen overall value chain of the C&D Waste management. With the generation of 150 million tonnes of C&D waste every year in India and only 1.3% of it getting recycled, the need for an apex/autonomous organisation was emphasised, which may ensure uniformity in the methods and practices adopted by the ULBs across the country.

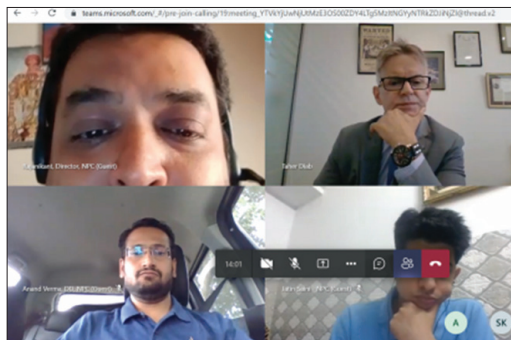


Farooqui highlighted issues and suggested measures for data discrepancies pertaining to C&D waste, linking city ranking points to the subsidies and corrective measures that may possibly be adopted by construction giants for an on-site C&D waste processing facility. She drew attention to adopting best practices which complement the principles of Circular Economy, help reduce the disposal of C&D Waste, enhance the quality of recycled waste and with its help, align the construction of potential new-age buildings.

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NPC to assess applications for Emirates Energy Award for Dubai Supreme Council of Energy

The Dubai Supreme Council of Energy (DSCE) is the governing body tasked with policy development, planning and coordinating with concerned authorities and energy bodies to deliver new energy sources while employing a balanced approach to protecting the environment.



DSCE initiated Emirates Energy Award scheme to recognise innovative and cost-effective measures adopted by various organisations, departments, educational institutions and research bodies in the Middle East and North Africa Region (MENA) region towards improving demand efficiency, energy conservation and energy management. This would, in turn, help in ensuring sustainable development and reducing carbon footprint. NPC is entrusted with the task of analysing the applications received for the award under various categories for their completeness, evaluating and ranking them based on predefined criteria and recommending to the Executive Committee for consideration.

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NPC completes "Organisation Study" for DGQA, Ministry of Defence

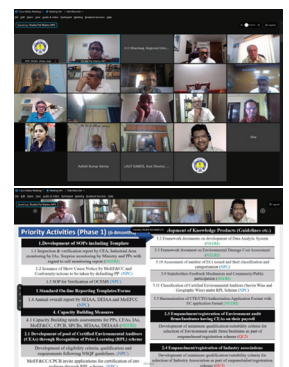
Department of Defence Production, Ministry of Defence, GoI has entrusted NPC to conduct 'Organisation Study' for Directorate General of Quality Assurance (DGQA), agency of Indian Army which provides QA coverage to entire range of armaments, stores and equipment used by Indian Army and to some extent for IAF and Navy.

DGQA has a 3-tier organisation structure, 95 independent establishments across India and sanctioned manpower strength of around 14,500. The objective of the study was to examine whether the QA policies, procedure and practices in vogue are in tune with the present day needs and whether DGQA is suitably positioned, organised, equipped and staffed to discharge its responsibilities effectively.

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NPC conducts stakeholder consultation for monitoring of environment condition compliance

Under the project of "Development of 3 Tier Monitoring Framework for Monitoring of Compliance of Environment Conditions", NPC successfully completed the first stakeholder consultation on 10 September 2021 to give an overview of activities to be covered over the project's duration. The deliberations involved the feedback and insights from the participants. The stakeholders comprised former Ministry of Environment, Forest & Climate Control (MoEF&CC) officials, officials from state pollution control boards, environment management experts and specialists, and representatives from industry and institutions.



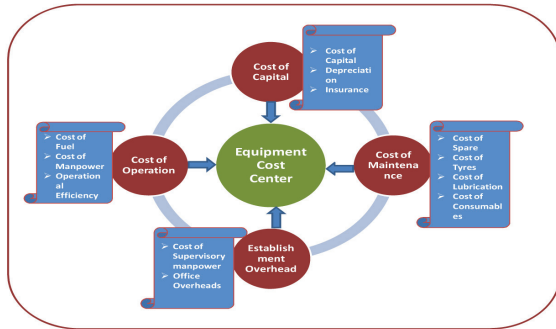
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“THE MOST DIFFICULT THING IS THE DECISION TO ACT, THE REST IS MERELY TENACITY.”

AMELIA EARHART

NPC completes study on formulation of SOR for NCL, Singrauli and CCL, Ranchi



NPC Regional Directorate, Patna completed the study on formulation of Schedule of Rates (SOR) for Northern Coalfields Ltd. (NCL), Singrauli and Central Coalfields Ltd. (CCL) Ranchi. The study involved working out SOR for various contractual activities like coal and OB (over-burdened) excavation, loading by pay-loaders/shovel into dumpers/tippers, transportation of coal by tippers/dumpers and allied jobs like drilling of holes, dozing, grading, and water sprinkling, etc.

The methodology adopted for study was to arrive at SOR based on equipment cost centre approach. This model takes into account all the cost elements incurred throughout the process including cost of support functions like supervisory manpower, establishment overheads etc.

The study outputs are used to arrive at the base cost while floating tenders, it also helps monitoring the cost escalation as the study analyses various cost components which make up SOR like High Speed Diesel (HSD), tyre, repair, and maintenance cost, administrative expenses, direct wages, depreciation, road tax and insurance, interest on term loan, and working capital loan etc.

The SOR necessitates the need for standardising the business processes of the contractor firms. This helps in minimising wastage in each business process. Formulation of SOR encourages a healthy competition amongst bidders in order to effectively utilise their resources and in turn their increased margins.

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NPC Trains NTPC on energy management

NPC, Energy Management Division at Regional Directorate Delhi conducted the intensive five-day online preparatory training course for NTPC Employees from 6-10 September 2021. The programme was attended by over 40 middle and top level executives working at different power plants of NTPC. All the four guide books were thoroughly discussed in the programme and previous years question papers were also discussed. The programme was well appreciated by all the participants.



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NPC conducts Workshop on "Public Procurement through GeM Portal"



NPC successfully conducted a one-day workshop on Public Procurement through GeM Portal for the IPOs Probationers of Rafi Ahmed Kidwai National Postal Academy (RAKNPA) Academy, Ghaziabad on 9 September 2021 in order to commence the collaborative partnership. Over 22 senior officials of Department of Post including RAKNPA faculty members and IPOs probationers attended the workshop.

The participants appreciated the online training programme with excellent feedback and recommended to continue the online training for others employees of the Department of Post.

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NPC trains 500 participants on industrial safety

NPC Regional Directorate, Kanpur trained 500 participants on industrial safety. This one-month online course covered topics like introduction of industrial safety, construction safety, fire safety, electrical safety, process safety, confine space and pressure vessel safety. The participants included experts from MPPG Ltd, Vedanta, Luthra Group, UPSPL Special Service, BNP India, Crescent Foundry, Rajshree cement, Minda Corporation, Balaji Amines, Avigloplast, UJVNL, and NTPC.



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“I'M A GREATER BELIEVER IN LUCK, AND I FIND THE HARDER I WORK THE MORE I HAVE OF IT.”

THOMAS JEFFERSON

NPC, GIZ and CPHEEO deliberate Combating Plastic Entering the Marine Environment

The Ministry of Housing and Urban Affairs (MoHUA), GoI and GIZ India on behalf of the German Federal Ministry of Environment, Nature Conservation and Nuclear Safety signed an agreement on Technical Cooperation titled 'Cities Combating Plastic Entering the Marine Environment' at a virtual ceremony in New Delhi on 19 April 2021. The project's outcomes are in line with the objectives of Swachh Bharat Mission-Urban focusing on sustainable solid waste management and Hon'ble Prime Minister's vision to phase out single use plastic by 2022.

The project, aimed at enhancing practices to prevent plastic entering the marine environment, will be undertaken at the national level (at MoHUA), select states (Uttar Pradesh, Kerala and Andaman & Nicobar Islands) and in the cities of Kanpur, Kochi and Port Blair for a period of three and a half years.

It is estimated that 15-20% of all plastics are entering oceans via riverine ecosystems of which 90% is contributed by 10 of the world's most polluting rivers. Two of these river systems are located in India, namely Ganga and Brahmaputra. In view of above, GIZ along with Central Public Health & Environmental Engineering Organisation and NPC jointly deliberated on possible areas of collaborations to contribute to the endeavour for combating plastic entering the marine environment on 25 August 2021.

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Upcoming APO workshops

Programme Title: Workshop on the Circular Economy in the Agro-industry Sector and guidelines on the implementation procedures

Objective: Introduce the concept of the circular economy to maintain productivity in agro industry.

Duration: 12–14 October 2021 (three days)

Programme Title: Workshop on Evaluating Regulatory Quality and Performance to Improve Public-sector Productivity

Objective: Outline key elements of regulatory performance and the different tools and frameworks for evaluating regulatory quality.

Duration: 10-12 Nov 2021 (three days)

Programme Title: Workshop on Enhancing Service Productivity through Effective Business Models

Objective: Examine effective business models for enhancing service-sector productivity.

Duration: 19–21 October 2021 (three days)

Programme Title: Workshop on Development of New Innovation Standards for SMEs

Objective: Introduce innovation management and the ISO 56000 series of standards for applications in SMEs.

Duration: 13–15 October 2021 (three days)

Programme Title: Multicountry Observational Study Mission on Service Quality and Productivity for the Retail Industry

Objective: Introduce recent innovations to improve customer service, quality, and productivity in the retail sector.

Duration: 27–29 October 2021 (three days)

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PHOTO NEWS



A round table discussion on environmental services on 25 August 2021 with Services Export Promotion Council.



NPC signs MoU with Energy Efficiency Services Limited (EESL) on 16 September 2021.



NPC conducts BEE Certification Examination for Energy Auditors and Managers on 24 September, 2021.



“IT’S NOT ALWAYS THAT WE NEED TO DO MORE BUT RATHER THAT WE NEED TO FOCUS ON LESS.”

NATHAN W. MORRIS

NPC evaluates IPRIPM scheme of DPIIT

Economic Services Group of NPC successfully submitted the final report of Third Party Evaluation of the Umbrella Scheme of Department of Industrial Policy and Promotion "Intellectual Property Right Infrastructure and Policy Management (IPRIPM)". The project was sponsored by Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry, Government of India

NPC had undertaken the evaluation study in two broad phases. The first phase of the evaluation study comprised of detailed desk research wherein the information/data pertaining to the implementation of the Umbrella Scheme including physical and financial achievements for the last three years have been analysed. Second Phase of the evaluation focused on detailed field level interactions/ feedback collection from the stakeholders through structured questionnaire and checklist.

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Development of 3-Tier Monitoring Framework for compliance of Environmental Standards



Under the Flagship project of "Development of 3 Tier Monitoring Framework for compliance of Environmental Standards", a working committee meeting for deliberating on the facets of Certified Environment Auditor Scheme via Recognition of Prior Learning (RPL) was held on 20th September 2021. The aspects related to minimum eligibility criteria, process of certification, the curriculum to be covered, the content of RPL application forms, the basis of screening and evaluating the RPL applications, provision to address conflict of interest, remuneration towards undertaking the audits etc. were discussed. The inputs from the committee members were seemed valuable for making this scheme robust and sustainable over a period of time.

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NPC conducted 2 days online training programme on Adequacy and Efficacy of PETP/ETP/CETP

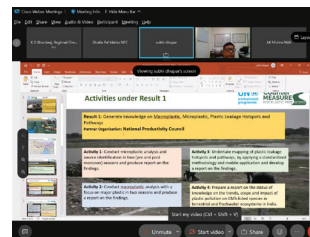
NPC conducted a Two Days Online Training Programme on Adequacy and Efficacy of PETP (Primary Effluent Treatment Plant)/ETP (Effluent Treatment Plant)/CETP (Common Effluent Treatment Plant) from 17th to 18th of September, 2021. The programme was attended by 43 representatives from diversified sectors of industries (like Metal, Mining, Automobile, Oil Exploration, Drugs & Pharmaceuticals, Herbs Processing, Sugar Manufacturing, Food Processing and Fisheries), consultants, academia, pollution control board and NGO. The programme covered, Overview of Wastewater Treatment Plant and Scope of Adequacy and Efficacy, Pre-treatment Concept and Criteria, Physico-Chemical Treatment Concept and Criteria, Biological Treatment Concept and Criteria, Wastewater Sludge Storage, Conditioning, Thickening and Dewatering, Advanced Wastewater Treatment through Membrane Separation Systems, Evaporator and Crystallizers to meet ZLD and the Way Forward.



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IWAI-UNEP-NPC hold virtual meet to explore collaboration areas

The virtual meeting was held on 9 September 2021 among NPC, UNEP and IWAI officials. Officials from IWAI shared their views on hindrance on navigation and dredging being caused due to plastic pollution in river Ganga. They faced similar issues during execution of the World Bank funded "Jalmarg" project in a stretch of Varanasi to Haldia, especially dredging activity. Officials from IWAI also indicated that it has authority to control impediments and pollution through any person in water ways and they take necessary measures while awarding contract for works. UNEP/NPC expressed their willingness to take up macro plastic assessment around terminals.



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“ THE OUTGROWTH OF CONSERVATION, THE INEVITABLE RESULT, IS NATIONAL EFFICIENCY. ”

GIFFORD PINCHOT