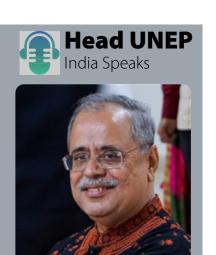


NPC eConnect

MAKING TOMORROW BETTER THAN TODAY

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Upwards of millions of tons of plastic enters the oceans via rivers each year. Not only does this plastic waste damage the marine environment where much of it accumulates, it is also harms the rivers it pollutes along the way. Riverine plastic waste damages ecosystems, undermines economies, and desecrates cultural heritage. In India, we generate over three million tons of plastic waste a year, which threatens numerous Indian rivers of high cultural and environmental value, it is vital to understand how this waste finds its way into rivers in order to address the problem at its root. For that, we need science.

The UN Environment Programme (UNEP), through its CounterMEASURE project, is working with partners such as the National Productivity Council (NPC) to scientifically analyze the sources and leakage pathways of plastic pollution in major rivers in India and beyond. With this

information, we are helping policymakers identify evidence-driven countermeasures to reduce and prevent the influx of plastic into our rivers.

Funded by Japan's Ministry of Foreign Affairs, the first phase of the project was launched in May 2019 and has brought in local partners in academia, think tanks, civil society and local governments. In this first phase, CounterMEASURE led benchmarking and standards-setting efforts around marine litter and plastic pollution and engaged communities to address pollution hotspots.

The second phase, commenced in June 2020, is a deep dive into the knowledge generated through the first phase. In its work today, CounterMEASURE aims to generate, share and disseminate scientific knowledge on plastic pollution in the Ganges, Mekong and rivers in Sri Lanka, and to further inform policy and decision-making processes at local, national, regional and global level. This phase also looks at the impact of plastic pollution on wildlife, particularly migratory species.

UNEP is working with NPC as an implementing partner on the Ganga River. NPC is supporting microplastic analysis along with source identification in four locations - Haridwar, Prayagraj, Agra and Patna — in at least two seasons. They are also undertaking a mapping of plastic leakage hotspots and pathways by applying a standardized methodology developed through CounterMEASURE, using GIS and a mobile application.

With this knowledge and collaboration, UNEP and its partners aim to guide policymaking and bring about change to help India and the world beat plastic pollution.

Reference

1. https://cpcb.nic.in/uploads/plasticwaste/Annual_Report_2018-19_PWM.pdf

Shri Atul Bagai, Head, India Country Office, UN Environment Programme

WebTalk UNDERSTANDING LEAN SIX SIGMA & ITS CERTIFICATION

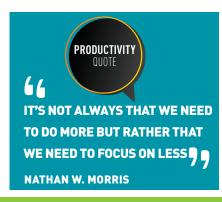


NPC completes phase 1 of manpower optimization study at GSFC Ltd.



manpower optimization organizational restructuring study for GSFC covers about 6,000 personnel deployed at units at Vadodara and Sikka plants and covers all permanent as well as contractual employees. First phase of the field study has been completed by NPC recently. The objective is to enhance the value addition of its human resources through efficient deployment, eliminating wasteful and duplicate activities, adopting modern concepts of management and technology, improving work methods and processes etc. M/S GSFC Limited started as a fertilizer company and later forayed into industrial chemicals business through structured diversifications over the years. GSFC products are exported to around 25 countries worldwide. NPC is an expert and trusted body for manpower optimization and organizational restructuring and enjoys nationwide reputation.

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NPC developing Integrated Management System for ITPO

Indian Trade Promotion Organization (ITPO) is a premier trade promotion agency of the Ministry of Commerce and Industry, Government of India. With a view to further streamline the services and activities, and to strengthen its commitment to its stakeholders, ITPO has entrusted NPC the implementation of Integrated Management System (IMS) at its Corporate Office, New Delhi. The study includes implementation of ISO 9001: 2015 for Quality Management System, ISO 14001:2015 for Environmental Management System, ISO 50001: 2018 for Energy Management System and ISO 45001: 2018 for Occupational Health & Safety Management.

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NPC designs and supervises construction of secured landfill facility for Hindalco

NPC provided comprehensive design and drawings of the Secured Landfill Facility (SLF) for disposal of hazardous wastes at Hindalco Industries Ltd. (Unit: Birla Copper, Dahej), as per the guidelines of Central Pollution Control Board. Fifteen phases of SLF needs to be constructed. Till date, 8 phases have been constructed. NPC has undertaken the overall supervision at various stages during the construction of Landfill phases. This year, Birla Copper completed the construction of Secured Landfill VIII-B. NPC supervised the construction of phase VIII 'B' and submitted the report/certificate to Birla Copper with due recommendations.

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NPC conducts webinar on Smart Manufacturing-Digital Transformation of Manufacturing



NPC Regional Directorate, Chandigarh successfully conducted a webinar on "Smart Manufacturing-Digital Transformation of Manufacturing" on 8th April, 2021. The session was inaugurated by Shri Arun Kumar Jha, IES, DG, NPC. Expert speaker and former officer of NPC Naresh Chawla, who is

also a visiting professor with the Centre for Total Quality Management at the Punjab Engineering College, Chandigarh elaborated on the applications of technologies like additive manufacturing, industrial robots, use of IoTs, cloud analytics, smart supermarket, digital twin,artificial intelligence, blockchain technologies, and cyber security with examples and case studies.

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Upcoming APO workshops

Programme Title: Multicountry Observational Study Mission on Modern Farm Machinery

Objective: Enhance the productivity and competitiveness of agriculture in member countries.

Duration: 15-17 June 2021

Programme Title: Workshop on Women's Empowerment for Productivity Gains

Objective: Understand the latest initiatives and best practices to eliminate gender disparity, promote equality, and encourage increased female labor force participation (FLFP) across the region.

Duration: 22-24 June 2021

Programme Title: Multicountry Observational Study Mission on Advanced Food Safety Management

Objective: Introduce best practices of advanced food safety management technologies.

Duration: 28-30 June 2021

Click here to access more information

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ABSORB WHAT IS USEFUL, REJECT WHAT IS USELESS, ADD WHAT IS SPECIFICALLY YOUR OWN 79

BRUCE LEE

NPC implements SA 8000 social accountability system at OMC, Odisha

NPC Regional Directorate, Bhubaneswar has provided guidance and support for framing the Policy statement for Social Accountability 8000, setting the objectives and action plan for fulfilling those objectives towards implementation and SA 8000 certification for Odisha Mining Corporation's (OMC) Head Office and six operative mines- three open cast iron ore mines, two open cast chromite ore mines, and one underground chromite ore

NPC is also providing support for implementation of SA 8000 at one bauxite mine and two iron ore mines of OMC Ltd. The study involves health and safety aspects, remuneration, working hours, collective bargaining, no to "child labour, forced labour and discrimination", mechanisms of grievance, sexual harassment, disciplinary actions, communication at different levels etc. NPC have conducted several meetings to make all stakeholders aware of the benefits of implementation of SA 8000.





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NPC completes 1st phase of evaluation study for making **Kanpur Dehat CETP functional**



NPC Regional Directorate, Kanpur has successfully completed the first phase of the study to deliver technical inputs and recommendations to UPSIDA for upgradation and modification of existing nonoperational CETP and its conveyance system at Jainpur Industrial Area, Kanpur Dehat in Uttar Pradesh.

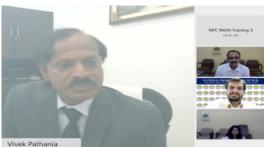
The study involved identification of technical gaps like electrical, mechanical, civil, and process; estimating the cost for installation of new machines and modifications; dismantling and maintenance of existing machinery of CETP; construction involved inside and around the plant such as admin building, boundary wall, collection tank, screen chamber, main gate; and conveyance system.

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NPC trains NABARD on "Right to Information Act"







NPC Regional Directorate, Jaipur successfully conducted twodays online training program for National Bank for Agriculture and Rural Development (NABARD) officials on "Right to Information Act, 2005" from 6-7 May, 2021. A total of 23 officers of NABARD attended the course.

The course covered Right to Information – overview, concepts, provisions to ensure transparency, responsibilities and accountability, exemptions, reporting to CIC/SIC and miscellaneous, recent amendments to the RTI Act, and detailed clause interpretations considering important case judgements.

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THE KEY IS NOT TO PRIORITIZE WHAT'S ON YOUR SCHEDULE, BUT TO SCHEDULE YOUR PRIORITIES 99

Kochi Metro engages NPC for study of operation & maintenance processes



NPC Regional Directorate, Bengaluru is conducting a study on Operation and Maintenance Processes' for Kochi Metro Rail Limited (KMRL) covering all of its operation and maintenance departments. In this study all processes have been identified department wise and classified as core and non-core based on their Risk Priority Number (RPN). The Process Failure Mode Effect

Analysis (PFMEA) technique was used to arrive at the values for RPN number of the processes.

The study identified non-value added processes and also non-value added activities. NPC has also suggested changes in organization structure of operations and maintenance departments, manpower re-allocation and multitasking to bring about more efficiency. In view of the pandemic situation most of the study was carried out using online meetings.

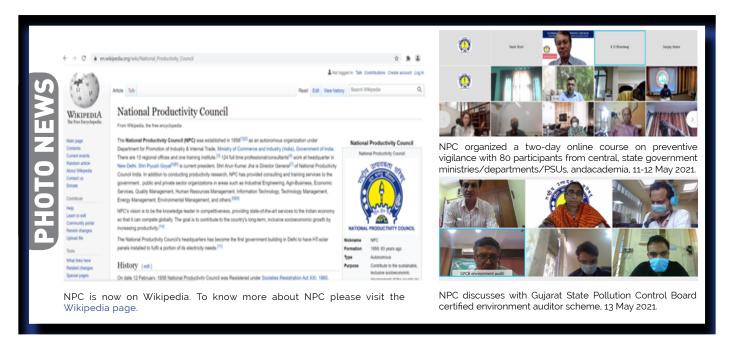
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Upcoming NPC webinars

NPC webinars offer a time-efficient way to train employees, partners and customers to enhance their skill and knowledge.

Click to access NPC webinar page>>

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Notification

In view of the ongoing lockdown due to COVID-19 pandemic, the 21st National Certification Examination for Energy Managers and Energy Auditors stands postponed. The revised dates of the examination shall be notified 30 days before the exam.

>> Click for more info

NPC condoles untimely demise of its two senior officers In loving memory of



Late Sh. Shailesh SrivastavaDirector and Head Technology Management and Training, Finance & Secretary, NPC

19 October 1971 – 26th April 2021



Late Sh. Oinam Samuel

Deputy Director, Environment Management Group, NPC

3 December 1978 - 1st May 2021

NPC fraternity shall deeply miss its two shining stars, whom we lost to COVID-19. Life would never be the same without them. We shall forever remember their valuable contribution towards NPC, their wisdom, kindness and compassion towards fellow colleagues. We share the sorrow of their friends and families.