



## National Productivity Council

# Training Programme on

**Circular Economy- The environmental baseline, waste management rules to models and practice**

**PROGRAMME CODE: (ECA/HQ/RTP/01/22-23)**

**28<sup>th</sup> February (Tuesday) -**

**3<sup>rd</sup> March (Friday) 2023**

**Goa**



## 1. ABOUT NPC

National Productivity Council (NPC) is an autonomous organization under the Department of Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Government of India. The present expertise available in NPC has a resource base of professionals from fields such as Economics, Industrial Engineering, Human Resource Management, Energy, Environment, IT, Project Monitoring and Evaluation, Research Studies and Baseline Surveys. In addition, services of external professionals and subject matter specialists are also sought on need basis, depending upon the nature and scope of work. NPC extends services from its headquarter at New Delhi and 12 regional offices across the country manned by more than 100 full time professionals. NPC has professionals from diverse fields to provide Consultancy, Capacity Building and Project Monitoring Unit (PMU) services to various organisations including Central Government Ministries and State Governments.

## 2. PROGRAMME THEME

In the year 2016, Ministry of Environment Forest & Climate Change, Govt. of India has introduced 6 Waste Management rules (plastic waste management rules, solid waste management rules, hazardous waste management rules, e-waste management rules, biomedical waste management rules, construction and demolition waste management rules). As per an assessment released by Press Information Bureau (PIB), GOI, dt. 5th April, 2016, around 62 million tonnes of solid waste is generated annually out of which 5.6 million tonnes is plastic waste, 0.17 million tonnes is biomedical waste, hazardous waste generation is 7.90 million tonnes per annum and 15 lakh tonne is e-waste. India is among the top 10 countries in the world generating the highest amount of municipal solid waste, and the bigger problem is that approximately 70-75% of this waste remains untreated. This untreated waste of 31 million is mostly dumped into landfills. The country generates an estimated 150 million tonnes of C&D waste every year, according to the Building Material Promotion Council. The scope of Circular Economy and its potential is indicative in the above context as well as in the context of potential sectors and business models that can emerge and deliberated.

## 3. LEARNING OBJECTIVES

This training program prepares participants to:

1. To build capacity of stakeholders using lectures, audio visual aids and through discussions.
2. To reflect on Circular Economy as a concept to progress beyond the idea and scenario of linear economy.
3. To highlight emergent business models promoting circular economy.

4. To draw emphasis on roles and duties of various stakeholders, standards for treating and disposal of wastes, reporting requirements and other elements as given in waste management rules, 2016 and their amendments thereof and regarding business and innovative initiatives that are emerging towards enabling Circular Economy related objectives.
5. To understand the scientific waste management process through specific case studies presentation and deliberations and reflect on national and international Circular Economy examples.
6. To provide insight into various aspects, issues, challenges faced by officials of Corporations, Municipalities & Panchayats, etc and identifying solutions relating to waste management in terms of planning & assessment, generation, segregation, storage, transportation, treatment and scientific disposal, etc. Further, to explore the barriers and enablers for business enterprises to engage in proactive Circular Economy solutions.
7. Undertake a field visit to a Waste Management facility & understand mechanism that facilitates or hinders Circular Economy initiatives.

#### **4. BROAD PROGRAMME COVERAGE**

The following topics shall be covered during the training

- a. Circular Economy as a concept and its features
- b. Some baseline indicators & problems of pollutions w.r.t air, water , land.
- c. Exploring business models concerning circular economy.
- d. Key provisions of SWM Rules,2016 and implementation issues and challenges
- e. E-Waste Management Rules 2016 and its subsequent Amendments
- f. Key provisions of Bio-Medical Waste Management Rules, 2016 with recent amendments and Implementation issues & challenges
- g. Key provisions of Plastic Waste Management Rules, 2016 and implementation issues and challenges
- h. Key provisions and Salient features of Construction & Demolition Waste Management Rules, 2016, and Best Practices of C&D Waste Management
- i. Case studies, examples and success stories in emergence of Circular Economy momentum, perception and related model and their advantages in the evolving socio-economic system

#### **5. METHODOLOGY**

Methodology of the training program would be participative in nature. The sessions would be based on conceptual deliberations, case studies, success stories and group exercises/discussions.



## 6. PARTICIPANTS' PROFILE

Urban Local Bodies (ULBs), State Pollution Control Boards/Pollution Control Committees (SPCBs/PCCs), Common Treatment Facilities and other stakeholders involved in circular waste management from State and Central Governments/ Departments/Ministries, Public Sector Units, Private Organizations and NGOs, Industry Association and allied institutions, Academic/Research Institutions of Engineering, Science/ Management etc.. In addition officials from industry can also participate from corporate & MSME units across different industrial sectors.

## 7. FACULTY

The Faculty for the training programme will comprise of senior NPC officials, external experts/specialists & other renowned and experienced Trainers/specialists.

## 8. PROGRAMME FEE & VENUE

<b>Programme Code</b>	ECA/HQ/RTP/01/22-23
<b>Program Venue</b>	Goa
<b>Programme Fee</b>	Residential Participants ₹ 49000/- ( Rupees Forty Nine Thousand only) per participant + 18% GST

## 9. PAYMENT DETAILS

Programme fee inclusive of GST to be paid in advance and proof of payment to be attached along with application form.
<ul style="list-style-type: none"> <li>• <b>ECS Payment Details:</b> Indian Overseas Bank, 70, Golf Link, New Delhi Branch; A/c No. 026501000009207, IFSC Code. IOBA0000265</li> <li>• DD/Cheque should be drawn in the name of NATIONAL PRODUCTIVITY COUNCIL payable at NEW DELHI</li> <li>• NPC'S PAN No: AAATN0402F, NPC'S GSTIN: 07AAATN0402F1Z8</li> </ul>

*As per GOI notification No. 9/2017-Integrated Tax (Rate) dated 28.06.17, Sr. No. 75, Heading 9992 (at page no. 19 of the notification) No GST is applicable where Services provided to the Central Government, State Government, UT Administration under any training programme for which total expenditure is borne by the Central Government, State Government, UT Administration.*

## 10. HOW TO APPLY

- Please apply in prescribed application format enclosed with this brochure. Nominations may be sent to the following address:

**The Programme Coordinator**  
**National Productivity Council**  
**5-6 Institutional Area**  
**Lodhi Road**

New Delhi – 110003  
Email Id: [sk.jain@npcindia.gov.in](mailto:sk.jain@npcindia.gov.in)  
Tel: 011-24607325

- **Last date for Receiving of nominations: 14.02.2023**

## 11. GENERAL INSTRUCTIONS

- ❖ Due to limited number of rooms/seats, it is recommended to send the nominations as per attached format at the earliest, for ensuring the availability. Acceptance of the nominations is subject to the room/seat availability and receipt of programme fee latest by the last date for nominations.
- ❖ The Residential programme fee covers the professional fee towards training, room charges, lunch and dinner and refreshments twice a day (tea/coffee) during the training program. The fee once deposited is non-refundable, however, substitutions are allowed.
- ❖ Each participant should carry their ID cards of participants and necessary letters / orders issued by their department for attending the training program.
- ❖ NPC shall not bear any charges towards participants' to & fro travel from their residence / place of stay and the training program venue. All participants shall make their own arrangement to reach the venue on time as per the programme schedule.
- ❖ Participants are requested to assure their health and safety during the training period and NPC will not be liable for insurance/medical expenses incurred by the participants during the program.
- ❖ The participants shall be awarded Certificate of Participation on successful completion of programme.
- ❖ Any other terms and conditions apply as may be notified by NPC at any point of time.
- ❖ Referring to GST guidelines, you are requested to confirm the applicability of GST payment for your department.
- ❖ Participants are required to follow the necessary COVID protocols during training.
- ❖ NPC reserve the right to change date/venue/speakers & programme schedule/hotel and shall intimate participants regarding any reasons well in advance.



**NATIONAL PRODUCTIVITY COUNCIL**  
**5-6 Institutional Area, Lodhi Road, New Delhi – 110003**  
[sk.jain@npcindia.gov.in](mailto:sk.jain@npcindia.gov.in)

**APPLICATION FORM FOR NOMINATIONS**

Title of Programme: **Circular Economy- The Environmental Baseline, Waste Management Rules to Models and Practice**

Programme Code: **ECA/HQ/RTP/01/22-23**

Programme Duration: **28<sup>th</sup> February (Tuesday) - 3rd March (Friday) 2023**

Location: **Goa**

**Details of Nominated Participants:**

S. No	Name of Delegate	Designation	Mobile No.	Email ID	Official Address for correspondence
1					
2					
3					
4					
5					

**Details of Nominating Authority:**

Name:

Designation:

Organization:

Address

Contact Number:

Email ID:

Signature

Details of Proof of payment of Programme fee (*RTGS / NEFT Details; Cheque, DD*):

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**Payment Particulars**

- **ECS Payment Details:** Indian Overseas Bank, 70, Golf Link, New Delhi Branch; A/c No. 026501000009207, IFSC Code. IOBA0000265
- **In case of ECS Payment, the payment details should be intimated accordingly along with UTR number.**
- DD/Cheque should be drawn in the name of NATIONAL PRODUCTIVITY COUNCIL payable at NEW DELHI
- Programme Fees per Participant plus GST to be paid in advance
- PAN No: AAATN0402F, GSTIN: 07AAATN0402F1Z8

**National Productivity Council**

(Under Department for Promotion of Industry and Internal Trade)  
Ministry of Commerce and Industry  
Government of India  
5-6, Institutional Area, Lodhi Road  
New Delhi – 110003  
Tel: +91-11-24607325  
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आज़ादी का  
अमृत महोत्सव

