

TRAINING PROGRAMME ON GREEN TECHNOLOGIES AND POLICY INSTRUMENTS & FRAMEWORK TO MITIGATE ENVIRONMENTAL PROBLEMS

COURSE CONTENT

| S.No | Main Topic | Sub topics | Duration |
|-------------|---|---|-----------------|
| 1 | Evolution of Green concepts, Green concepts and policy framework to Promote Green Technologies | <ul style="list-style-type: none"> ❖ Evolution of green concepts ❖ Green Chemistry and 12 principles of Green Chemistry ❖ Eco labels, Green products, Green Purchasing, Greening supply chain ❖ Criteria for green product & green Technologies. ❖ Design for Environment ❖ Energy, Environment and Sustainable Development linkages with Green Technologies ❖ Indian policies and schemes to promote Green Technologies- Eco Labelling, Star Rating etc ❖ Country presentation – Sharing the policies and measures adopted in other countries to promote Green Technologies. | 1 week |
| 2 | Green Technologies for Sustainable Development and to mitigate climate change | <ul style="list-style-type: none"> ❖ National and International green building specifications ❖ The Indian Green Building Council (IGBC), Rating system for green building ❖ Green Technologies for Buildings ❖ Industrial sector specific Green Technologies- Case Study ❖ Renewable energy in industrial and domestic applications – Solar Thermal and Solar PV ❖ Green Technologies in Automobile - EVs ❖ Cleaner Production Vs Green Productivity ❖ Tools and Techniques to implement Green Productivity ❖ Field visit | 1 week |
| 3 | Assessment of Green Technologies | <ul style="list-style-type: none"> ❖ Types of Assessment of green product & technologies <ul style="list-style-type: none"> ✓ Internal Assessment ✓ External/ third party Assessment ❖ Introduction to LCA Methodology ❖ Goal and Scope, Life Cycle Inventory ❖ Life cycle assessment approach for Green product & Technologies. | 1 week |

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| | | <ul style="list-style-type: none"> ❖ Case example on Criteria based assessment of green product technologies – How green is green. ❖ Group Exercises - Assessment of Green Technologies ❖ Green Financing- Assessing Green technologies returns vis-à-vis traditional ROIs. Cost-benefit analysis ❖ Field visit ❖ Assessment – Feedback & Discussions | |
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APPROVAL FROM COMPETANT AUTHORITY,
NATIONAL PRODUCTIVITY COUNCIL

File No. AJP-11013/14/2022-AJP_CHN_NPC (Computer No. 2195)

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programme for Indian Technical & Economic Cooperation (ITEC). The details of the training programmes are as follows:

- 1) Industrial Environment Management through Techno-Managerial and Policy Choices
- 2) Green Technologies and Policy Instruments & Framework to Mitigate Environmental Problems
- 3) Green Productivity for Sustainable Business (online mode)

The proposed budget of the three proposals on environment theme reviewed by the committee

The pre-approval committee reviewed the proposal and found it in order.

Submitted for kind consideration and approval of the competent authority.

अमिताभ राय
समूह प्रमुख (प्रशासन)

02/01/2023 6:21 PM

AMITAVA RAY
(GH (ADMIN))

Note No. #5

यथा प्रस्तावित।

03/01/2023 9:29 AM

SUNDEEP KUMAR NAYAK
(DG)

Note No. #6

03/01/2023 2:38 PM

AMITAVA RAY
(GH (ADMIN))

SANCTIONED PROGRAMMES FROM ITEC TO NPC DURING 2022-23:

- 1. Training programme on industrial environment management through techno-managerial and policy changes- 5 weeks**
- 2. Energy efficiency practitioners course through energy utilities- eITEC-2 weeks**
- 3. Technical policy instruments and frameworks for shifting to renewable energy- eITEC -2 weeks**
- 4. Exploitation of renewable energy technologies for industrial applications- 3 weeks**
- 5. Exploitation of renewable energy technologies for industrial applications- 3 weeks-e ITEC**