

Certificate Courses on River Life Management

To tackle the Ganga river pollution, the Ministry of Environment, Forest and Climate Change (MoEFCC) is aiming to build the capacity of the communities (those who are residing within the 10 Km radius of the bank of the river Ganga – Danapur/Sonpur to Patna/Hajipur) on different aspects of human- river interactions under the initiative of Green Skill Development Programme (GSDP) through “River Life Management System” modules. This programme intends to develop green skilled community workforce centered around the youths. This course will have ripple effects of creating awareness and making environmental sustainability a medium of social enterprise for these localities. This will thereby help to understand the causes and effects of Ganga water pollution, how it is impacting their livelihood and sustenance and how they can be instrumental in Ganga river conservation and rejuvenation initiatives. The following course module will be taught in different phases under the programme :

- ETP/STP/CETP: Operation and Maintenance
- Biodiversity/ Dolphin Conservation/ Sustainable Aquaculture
- Eco-Tourism and River Life Management
- Forest-based Enterprises and Alternative Livelihood Management

The broader aim of this programme is to create :

- technically sound ETP/CETP/STP operators who will be involved in operation and maintenance of the functional unit
- future generation Environment Safe Guards who will be equipped with a basic understanding of the scenario and skillful to contribute to different environmental conservation and restoration initiatives

The course envisages providing a technically skilled workforce for a potential employment opportunity in Municipal Corporation, PHED, Water Resource Department, and National Mission for Clean Ganga, in different ETP/STP/CETP functional unit in the city, and etc.

In the first phase, ETP/STP/CETP operation and maintenance course module will be taught and the basic details are furnished below for the same :

Course Duration	: 1 month
Total Hours	: 100 Hrs. (Theory & Practical – 40:60 Hrs.)
Eligibility	: 10+2 Science/ITI/Polytechnic/Graduation dropouts : Candidates from Danapur/Sonpur and Patna/Hazipur area

Course Content: Course Introduction; Wastewater; Unit Operations; Unit Performance Monitoring, Treatment Plant’s Equipment; Operation and Maintenance of ETP/CETP/STP, Troubleshooting of Operational Unit; Occupational Health & Safety Management; Guidelines for Record Keeping; Chemical Storage and Handling; Sludge Management; Standard Operating Procedures; Exposure to Field and Interpersonal Communication