

# ABOUT (GSDP)

The Ministry has taken up an initiative to fill up the skill gaps by imparting training to skill the youth in environment, forest and wildlife sectors and enabling them to be gainfully employed or self-employed. The pilot of GSDP was launched in June, 2017 at 10 locations, spread over 9 bio-geographic regions of the country. On completion of each course, the Ministry issues certificates to the successful candidates. Overall, 135 training programmes were conducted at 87 locations throughout the country and 2315 youth have been successfully trained under various courses during 2018-19. In FY 2019-20, around 100 training programmes are being conducted at different locations across the country. The programme endeavours to develop a green skilled workforce, having technical knowledge and commitment to sustainable development, which will help in the attainment of the Intended Nationally Determined Contributions (INDCs), Sustainable Development Goals (SDGs) and National Biodiversity Targets (NBTs).

# BACKGROUND

India being the second most populous country in the world is bestowed with a large working population. India has advantage of reaping this demographic dividend. However, high drop-out rates from school coupled with poor vocational skills may hinder in reaping this dividend. There exists a demand supply gap of skill sets, both cognitive and practical, at various levels in the Environment/ Forest fields in India

Realizing the need for developing the green skills, the Ministry of Environment, Forest & Climate Change (MoEF&CC) is utilising the vast network and expertise of Environmental Information System (ENVIS) hubs and Resource Partners (RPs). The Ministry has taken this initiative for skill development in the environment and forest sector to enable India's youth to get gainful employment and/or self-employment. The programme endeavours to develop green skilled workers having technical knowledge and commitment to sustainable development. It will help in the attainment of the Nationally Determined Contributions (NDCs), Sustainable Development Goals (SDGs), National Biodiversity Targets (NBTs), as well as Waste Management Rules (2016).

# GSDP -ENVIS

In line with the Skill India Mission of Hon'ble Prime Minister, Ministry of Environment, Forest & Climate Change (MoEF&CC) has launched a Green Skill Development Programme (GSDP) under which different courses/ training programmes are being offered to skill enthusiasts, who are 18 years and above, as Master Trainers (MTs)/ Specialists.

# CONTACT US

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# GREEN SKILL DEVELOPMENT PROGRAMME (GSDP)

Directorate of Environment  
& Climate Change  
ENVIS HUB, HARYANA



## COURSE TITLE ELIGIBILITY DURATION (HRS)

1. Pollution Monitoring: (i) Air & Water (ii) Soil Pollution | Science Graduate/Diploma in Engg. | (i) 260 (ii) 200
2. Waste Management (Solid Waste, Biomedical Waste, Plastic Waste, E-Waste, Construction & Demolition Waste) | Science Graduate | 300
3. ETP/STP/CETP Operation and Maintenance | Science Graduate | 300
4. Water Budgeting & Auditing | Graduation in any discipline | 200
5. Cleaner Production Assessment | Science Graduate | 85
6. Bird Identification and basic ornithology | Class X Pass/Class XII Pass/ dropouts | 160
7. Laboratory technicians/ Technical Assistants for energy efficiency, star labelling and other electrical testing for environmental criteria | ITI/Diploma/ Science Graduate | 264
8. Sustain and Enhance Technical Knowledge in Solar Energy Systems | Class XII Pass/ dropout | 240
9. Biodiversity Conservation | Class XII | 420
10. Laboratory Assistant for Ecofriendly Food Testing Laboratory | Science Graduate | 225
11. Greenbelt Development for Industries | Science Graduate | 200
12. Bird Migration and Migration study techniques | Graduation in any discipline | 186
13. Forest Fire Management | XII Pass | 300
14. Quality Planting Material Producer | X Pass | 240
15. Wildlife Management using Geospatial Techniques | Science Graduate | 264
16. Plantation Techniques and Utilization of Renewable Energy in Arid Zone | XII Pass | 180
17. Plant Tissue Culture Techniques and its Applications | Science Graduate | 320
18. Emission Inventory | Graduate/Post Graduate with Engineering background | 130
19. Forest Entomology & Pest Control | Graduate | 216
20. Paralegal Practices: (i) Forestry Acts and Policy (ii) Environmental Laws | Graduate | (i) 80 (ii) 200

## CONTINUE...

21. Advance Course in Parataxonomy | Class XIth Pass + Certificate course in Biodiversity conservation or Graduation in any discipline | 420
22. Propagation and Management of Bamboo | Class XII pass | 240
23. Valuation of Ecosystem Services and Green GDP | Graduation any discipline | 105
24. Value addition and Marketing of NTFPs (Plant Origin) @:  
(i) Lantana Furniture and Crafts  
(ii) Coconut Shells & Fibre Handicrafts  
(iii) Bamboo Crafts  
(iv) NTFP Products/ Medicinal Plants  
(i) to (iii) no minimum qualification  
(iv) Class XII Pass  
(i) 400 (ii) 240 (iii) 400 (iv) 140
25. Value Addition & Marketing of Non-timber forest products (NTFPs)- (Animal Origin): (i) Wild Bee Keeper (ii) Lac Cultivator (iii) Tasar Cultivator | 8th Pass | 200

All the sub courses include 40 hours of common module entrepreneurship development and livelihood generation.



## OUR TARGET - AVENUES OF EMPLOYMENT

The number of people to be covered under GSDP will be 80,000 during 2018-19, 2.25 lakh during 2019-20 and about 5 lakh people by the year 2021. More than 30 programmes have been identified, which will be conducted in 84 institutions across the country.

## IMPORTANCE OF GSDP

> India would need around 10.4 crores of new workforces by the year 2022, in various sectors and hence skill development is essential to meet the demand.

> The trainees of this programme can also be exposed for the expertise on wildlife conservation, nurseries, horticulture etc. and can be absorbed with the Department of Environment and Forests of the State Governments as well.

> The programme aims to train youth who have not been able to continue higher education due to different financial or social constraints but has an urge to learn new things and do something fruitful.

> The green skilled workforce having technical knowledge and commitment to sustainable development will help in the attainment of SDGs, INDCs and National Biodiversity Targets.

> Green skill is crucial for making a transition from energy and emission-intensive economy to cleaner and greener production and service patterns.

## RECENT DEVELOPMENTS

The decision has been taken by the Government of India, to expand the Green Skill Development Programme (GSDP) to an all-India level. Post a pilot project in the year 2017, the ministry has now taken the following steps to expand the Green Skill Development Programme:

> Increasing the budget allocation for ENVIS in budget 2018-19 by 33%. Out of this, the training courses under the Green Skill Development Programme will be funded.

> The targets for training have been increased. A total of 5 lakh 60 thousand people will be imparted training between 2018-19 and 2020-21.

> 35 courses including pollution monitoring (air/water/noise/soil), effluent treatment plant operation, forest management, water budgeting etc have been recognised by the government.



Website: <https://envis.haryana.gov.in/>  
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