



## Presentation of Skill Council for Green Jobs: an international perspective of promoting skill development in India

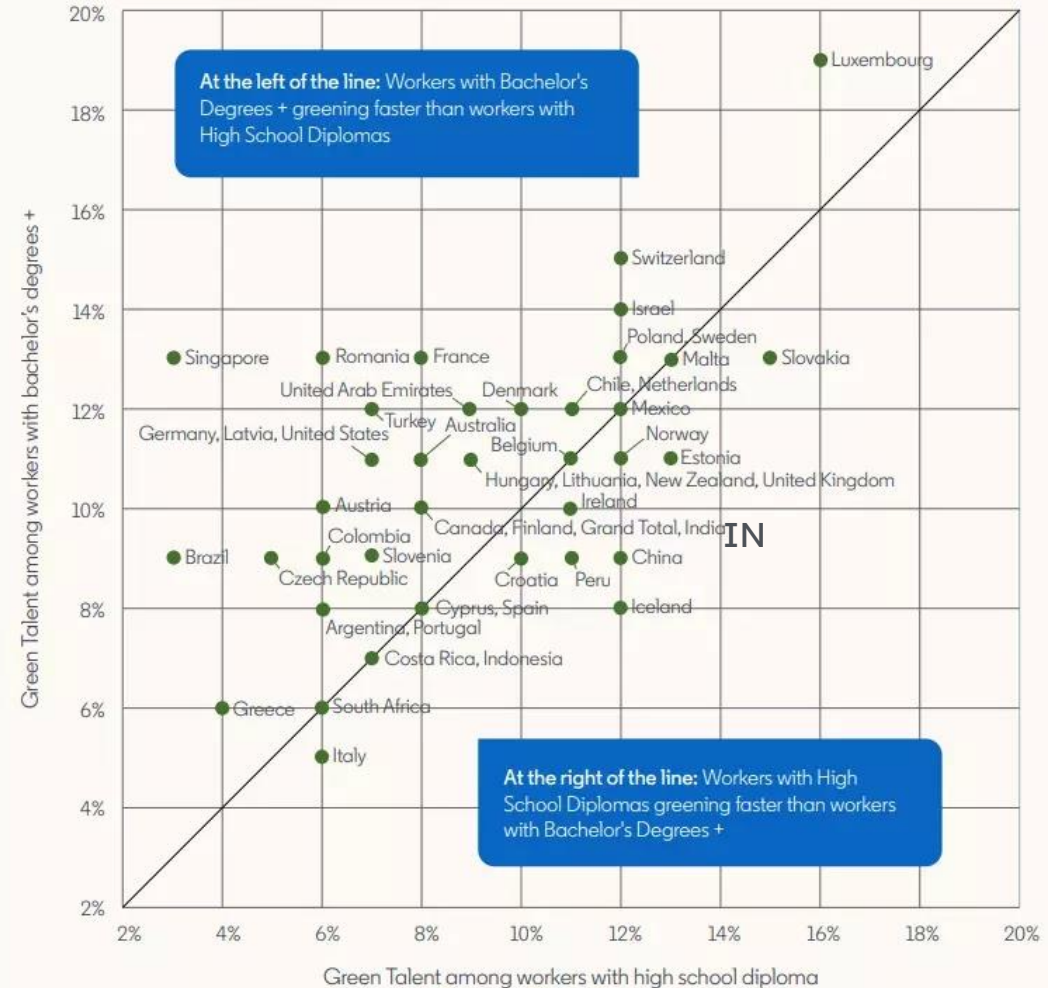
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## Green Skills in India – Context Setting

- Demand for skills related to the green economy is rising in India.
- The number of jobs in renewables and the environment has more than trebled in five years.
- However, there is a huge need for reskilling and upskilling as demand for green talent is outstripping supply.
- In India, **two in every 100 entrepreneurs are "highly skilled in green."** This is thanks in part to top business schools offering Master of Business Administration (MBA) programs in sustainable careers. *(Source: LinkedIn Report)*



Chart 16: Annual growth in the share of green talent by education level (2015–2021)



# EU-India Greentech Projects



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This project is funded by the European Union

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The Green Skill Development Programme (GSDP) of the Ministry of Environment, Forest and Climate Change (MoEF&CC) is an initiative for skill development in the environment and forest sector to enable India's youth to get gainful employment and/or self-employment.

## List of Certificate Courses/Training programmes under GSDP

Proposed Certificate Courses/Training programmes under GSDP for Master Trainers (MTs)/ Specialists to commence in July, 2018				
Sl No.	Title of Certificate Course with required Minimum Qualification	ENVIS Hubs/RPs and Institutions/Entities concerned	Prospective Employment Opportunities in	
1.	Value addition & marketing of NTFPs (Plant Origin) (a) Lantana Furniture and Crafts (b) Coconut Shells & Fibre Handicrafts # (c) Bamboo Crafts (d) NTFP Products / Medicinal Plants (a,b,c) No minimum qualification, (d) Class 12th Pass	1. AFRI, Jodhpur (d) 2. BNHS, Mumbai (c) 3. CSF, ANU, Coimbatore (a,d) 4. Do&F, Itanagar (c,d) 5. Do&F, Kavayatti (b) 6. FRI, Dehradun (c,d) 7. F&ED, Ranchi (c)	8. HFRI, Shimla (c) 9. IIPRI, Bengaluru (c) 10. IWST, Bengaluru (d) 11. KSCSTE, TVM (c) 12. FRRI, Jorhat (c) 13. TFRI, Jabalpur (d)	Self-employment / Master Trainer
2.	Conservation of Tribal Arts & Crafts: (a) Traditional Pottery and Terracotta Crafts for Kota Tribal Women (b) Traditional Painting among Kurumba Tribe (No minimum qualification)	CPREC, Chennai		Self-employment / Master Trainer
3.	Value addition & marketing of NTFPs (Animal Origin) (a) Wild Bee Keeping and Processing (b) Lac & Tassar Cultivation (Class 10th Pass)	1. ASTEC, Guwahati (a)	2. IFP, Ranchi (b)	Self-employment / Master Trainer
4.	Community based conservation of Mangroves Ecosystem (Class 10th Dropout)	1. CASMB, Parangipettai, Tamil Nadu 2. GEC, Gandhinagar 3. BSI, Pune		Govt./Nurseries/Forest Departments
5.	Nature Conservation & Livelihood: (a) River based - Ganga Prahar (b) Nature Interpretation (c) Eco-tourism (d) Scuba Diving for marine life conservation # (Class 10th pass)	1. CES, Odisha (c) 2. Do&F, Kavayatti (d) 3. GBPNHESD, Almora (b)	4. SCSTS, Gangtok (c) 5. WII, Dehradun (a, b)	Self-employment / Master Trainer / Forest Departments in States/UTs
6.	Quality Planting Material Producer (Class 10th pass)	IFGTB, Coimbatore		Self-employment / Master Trainer
7.	Sustain and Enhance Technical Knowledge in Solar Energy Systems (Class 12th dropout)	1. EPTRI, Hyderabad 2. TERI, Patna 3. Department of Environment – Chandigarh	4. DoEERS, J&K	Self-employment / Private Firms / Govt. bodies
8.	Propagation and Management of Bamboo (Class 12th Pass)	1. FRI, Dehradun 2. HFRI, Shimla 3. IFP, Ranchi 4. IWST, Bengaluru	5. KSCSTE, Thiruvananthapuram 6. FRRI, Jorhat 7. TFRI, Jabalpur 8. F&ED, Ranchi	Self-employment / Nurseries / Botanical Gardens / Master Trainer
9.	Management of Biodiversity Parks (Class 12th Pass)	1. CPREC, Chennai 2. FRI, Dehradun 3. F&ED, Ranchi 4. AFRI, Jodhpur	5. TFRI, Jabalpur 6. KSCSTE, Thiruvananthapuram 7. BSI, NOIDA	Self-employment/Nurseries/ Botanical Gardens/Households/ Corporates/ Govt./University campuses
10.	Plantation Techniques and Utilization of Renewable Energy in Arid Zone (Class 12th pass)	ICAR-CAZRI, Jodhpur		Self Employment / Research Institutions related to the theme
11.	Preparation of Peoples Biodiversity Register (PBR) (Class 12th pass)	1. BNHS, Mumbai 2. DESKU, Nadia, W.Bengal	4. EPTRI, Hyderabad 5. GBPNHESD, Almora	Biodiversity Management Committees, Panchayats, Municipalities, Agencies related to the theme
12.	River Dolphin Conservation (Class 12th pass)	ZSI, Patna		ZSI / Research Institutions related to the theme
13.	Forest Entomology & Pest Control (Graduate)	1. FRI, Dehradun 2. KSCSTE, Thiruvananthapuram	3. TFRI, Jabalpur	Pest Control Agencies/ Companies/ Forest Departments/ Research Institutions
14.	Valuation of Ecosystem Services and Green GDP (Graduate)	1. EPTRI, Hyderabad 2. IISc, Bengaluru	3. KSCSTE, Thiruvananthapuram	GRIDSS/ Research Institutions etc.
15.	Water Budgeting & Auditing (Graduate)	1. ADRI, Patna	2. EPTRI, Hyderabad	Urban local bodies/ Panchayats in rural areas/ Industries/ Water treatment plants/ Research institutions etc.
16.	Paralegal Practices : (a) Forestry Acts and Policy (b) Environmental Laws (Graduate)	1. ICFRE, Dehradun (a)	2. NEHU, Shillong (b)	Facilitation Centres in State Forest Departments/ Law Firms
17.	ETP/STP/CETP Operation and Maintenance (Science Graduate)	1. CECB, Raipur 2. CSIR-NEERI, Nagpur	3. EPTRI, Hyderabad 4. GCPC, Gandhinagar	ETP/STP/CETP Plants in Industries/Municipal Corporations/ Councils/Boards
18.	Biodegradable Low Cost Sanitary Napkin Production (Class 10th pass)	IIHH, Delhi		Self-employment / Master Trainer / Private Firms / Govt. bodies
19.	Pollution Monitoring : Air and Water Pollution (Science Graduate/ Diploma in Engg.)	1. ADRI, Patna 2. CPB, Delhi 3. EPTRI, Hyderabad 4. IIT-ISM, Dhanbad 5. IITM, Pune 6. MPCB, Alwar 7. NPCB, Dimgapur 8. Puducherry PCC	9. TSPCB, Agartala 10. JEEPCB, Dehradun 11. CPCB-RD, Bhopal 12. CPCB-RD, Bengaluru 13. CPCB-RD, Kolkata 14. CPCB-RD, Lucknow 15. CPCB-RD, Shillong 16. CPCB-RD, Vadodara	CPCB/SPCB/ Municipal Corporations/ Councils
20.	Laboratory Technicians / Technical Assistants for electrical testing for environmental criteria (ITI (Electrician/Wireman) Diploma/Degree (Electrician/Wireman))	CERC, Gujarat		Private firms/Govt. certifying institutions/bodies
21.	Emission Inventory (Graduate / Post Graduate / Engineering background)	1. IITM, Pune	2. ADRI, Patna	CPCB/SPCB/ Municipal Corporations/ Councils
22.	Para-Taxonomy (Including Peoples Bio-diversity Register (PBR)) (Science Graduate only (with Bio Science))	1. ASTEC, Guwahati 2. BSI, Kolkata 3. BSI, Allahabad 4. BSI, Coimbatore 5. BSI, Dehradun 6. BSI, Itanagar 7. BSI, Jodhpur 8. BSI, Port Blair 9. BSI, Pune 10. CASMB, Parangipettai, Tamil Nadu 11. CES, Bhuvanagarwar	12. DoE, Imphal 13. EPTRI, Hyderabad 14. GEC, Gandhinagar 15. HMCSTE, Shimla 16. IOM, Chennai 17. ZSI, Kolkata 18. ZSI, Dehradun 19. ZSI, Itanagar 20. ZSI, Jodhpur 21. ZSI, Kozhikode 22. ZSI, Port Blair 23. ZSI, Pune	GRIDSS / BSI / ZSI / FRI / ICFRE / SACON / Zoos / wildlife sanctuaries/ national parks / biosphere reserves / Botanical Gardens/ Bird Sanctuaries/ Nurseries/ wetland sites/WCCB Regional Offices/ State Biodiversity Boards/ Biodiversity Management Committees
23.	Bird Identification and basic ornithology (Class 10th Dropout)	1. BNHS, Mumbai	2. SACON, Coimbatore	
24.	Bird Migration and Migration Study Techniques (Graduate with basic knowledge of birds)	BNHS, Mumbai		
25.	Wildlife Management using Geospatial Techniques (Science Graduate)	WWF, Delhi		
26.	Timber Legality Assessment (Science Graduate)	NCCF, Noida		Industries / Master Trainer / Export & buying houses / e-NAM / Mandi Samitis
27.	Plant Tissue Culture Techniques and its Applications (Science Graduate)	1. BSI, Dehradun 2. BSI, Shillong 3. BSI, Yercaud 4. DESKU, Nadia, W. Bengal	5. EPTRI, Hyderabad 6. KSCSTE, TVM 7. TFRI, Jabalpur	Research Institutions related to the theme
28.	Waste Management: (Solid Waste, Biomedical Waste, Plastic Waste, E-Waste, Construction and Demolition Waste) (Science Graduate)	1. AFRI, Jodhpur 2. CPREC, Chennai 3. CSIR-NEERI, Nagpur 4. DESKU, Nadia, W.Bengal 5. DoUM, Chennai 6. DoE, Tamil Nadu 7. EPTRI, Hyderabad	8. F&ED, Ranchi 9. IIH, Delhi 10. KSCSTE, TVM 11. NEHU, Shillong 12. TCE, Madurai 13. TFRI, Jabalpur 14. TSPCB, Agartala	Municipal Corporations/ Councils
29.	Laboratory Assistant for Eco-friendly Food testing (Science Graduate)	1. CERC, Gujarat	2. NIOH, Gujarat	Eco-friendly Food Testing Labs
30.	Environmental Impact Assessment (Science Graduate)	1. CES, Odisha	2. EPTRI, Hyderabad	Industries / Municipal Corporation / Councils / State Pollution Control Boards
31.	Cleaner Production Assessment (Science Graduate)	GCPC, Gujarat		Industries
32.	Greenbelt Development for Industries (Science Graduate)	NBRI, Lucknow		Self-employment / Private Firms / Govt. bodies
33.	City Environmental Surveyor (Science Graduate/ B.Tech (Env. Engg.) / B.Planning)	SPA, Delhi		Environmental Cell in States/ UTs/Development Authorities/ Municipal Corporations/ Councils
34.	River Life Management System (on pilot basis) (a) ETP/STP/CETP Operation and Maintenance (b) Biodiversity / Dolphin Conservation / Aquaculture Management (c) Eco-Tourism and Management (d) Forest-based Enterprise and Alternative Livelihood Management (10+2 Science/ ITI / Polytechnic)	1. ADRI, Patna 2. BSPCB, Patna 3. BSTOC, Patna	4. GCPC, Gandhinagar 5. WII, Dehradun 6. ZSI, Patna	Local bodies / Agencies working on River Ganges / Entrepreneurship

# Only for residents of Lakshadweep.

