



# GREEN SKILL DEVELOPMENT PROGRAMME (GSDP)

## SUCCESS STORIES

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT,  
FOREST AND CLIMATE CHANGE (MoEF&CC),  
NEW DELHI





**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 sectors in India.

Green skilling is crucial for making a transition from energy and emissions – intensive economy to cleaner and greener production and service patterns. It also prepares people for green jobs that contribute to preserving or restoring the quality of the environment, while simultaneously improving social equity and enhancing overall quality of life.

Realizing the demand for green skilled youth, the Green Skill Development Programme (GSDP) has been conceptualised and developed in Ministry of Environment, Forest and Climate Change (MoEF&CC). MoEF&CC has been implementing a Central Sector Scheme titled ENVIS since 1982-83. ENVIS, by providing scientific, technical and semi- technical information on various environmental issues, has served in facilitating policy formulation and environment management at all levels of Government as well as in decision-making aimed at environment protection and its improvement for sustaining good quality of life for all living beings. The ENVIS is a decentralised network of 67 Centres, of which 32 Centres (or ENVIS Hubs), working on 'State/UT environment and related issues', are hosted by the Department of Environment, Pollution Control Boards etc., of respective State/UT Governments, and 35 thematic Centres (or ENVIS Resource Partners - RPs) are working on specific subject areas. These are located in offices under the Ministry, such as Botanical Survey of India (BSI), Zoological Survey of India (ZSI), Wildlife Institute of India (WII), Forest Survey of India (FSI), GB Pant Himalayan Institute of Environment and Development (GBPHIED) and Central Pollution

### Success Stories

Control Board (CPCB), and in notable organizations/institutions/Universities throughout the country.

Utilising the vast network and expertise of ENVIS Hubs/RPs, the Ministry for the first time, has taken up an initiative for skill development in the environment and forest sector to enable India's youth to get gainful employment and/or self employment, called the Green Skill Development Programme (GSDP). The programme endeavours to develop green skilled workers having technical knowledge and commitment to sustainable development, which 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).

The GSDP has been formulated in consultation with the National Skill Development Agency (NSDA), the nodal agency for synergizing skill development initiatives in the country, under the Ministry of Skill Development & Entrepreneurship (MSDE). All skilling modules would be NSQF compliant. For more information on National Skill Qualification Framework (NSQF) and Common Norms please follow the link: <http://www.nsda.gov.in/nsqf.html>

### Pilot Run

The first GSDP course was formulated for skilling Biodiversity Conservationists (Basic Course: 3 months-Completed) and Para-taxonomists (Advanced Course: 3 months -Ongoing) and run on pilot basis in ten select districts (covering nine bio-geographic regions). The pilot course received positive feedback from all stakeholders. For more information on Training Module and Success stories please follow the link: <https://goo.gl/PzUTvy>

### Way Forward

With the success of the pilot programme, the next step has been to expand the scope of the programme by increasing the number of courses and centres imparting the training and thus take the skilling programme to an all India level. The future activities under GSDP will include process-based green skills that are

in demand such as, monitoring and managing activities such as waste, energy efficiency, impact minimization and assessment, etc. Facilitating the employment/self-employment of the skilled manpower is major goal of GSDP. List of courses currently offered along with the prospective employment opportunities and ENVIS Hubs/RPs and Institutions/ Entities imparting the courses is given overleaf. The list is not finite and will be increased/changed depending on the demand for the courses.

## Master Trainers

The list of the courses indicated herein would be carried out by the respective ENVIS Hubs/RPs and Institutions/Entities. To expand the reach of skill development programme, there is a requirement to train a pool of Master Trainers who can further train youth across the country. Hence, the Ministry would initially create a pool of master trainers in each of the above mentioned courses. As per the requirement of each skilling programme, Graduates in Science/Arts as well as school drop-outs would be trained to become master trainers.

These courses would commence from July, 2018 onwards across India. The Master Trainers would in turn help in training participants in the districts of various States/UTs and would form the backbone of the entire programme in the years to come. The focus of GSDP is on skilling school drop-outs. The frequency of conducting each programme in a year would depend on the total duration of each course which would vary from course to course and accordingly the number of skilled persons would increase. Duration of these courses ranges from 80 to 560 hours.

## Collaborations

The Ministry has held deliberations with various stakeholders and welcomes any collaboration/ participation/ partnership in the programme from national and international organisations/ institutes/ agencies etc. to build a strong network which can be utilised for green skilling under GSDP for sustainable conservation and management of our natural resources.



GSDP

Success Stories

at a glance





## 1. Certificate course on Bird Identification and Basic Ornithology

### A. Bombay Natural History Society (BNHS) ENVIS RP



**Rohidas Dagale**

Master Trainer and Bird

- Rohidas Dagale is a tribal youth from Asangaon village of Thane district.
- He was participant of Certificate Course on Bird Identification and Basic Ornithology and Certificate Course on Bird Migration and Migration Study Techniques.
- Today he is a lead Bird Tour Guide in Tansa Wildlife Sanctuary, Maharashtra

- Kritalee Chindarkar is MA in and Diploma in Travel and Tour Management. She is avid birdwatcher and passionate nature lover.
- She was participant of Certificate Course on Bird Identification and Basic Ornithology
- She works with BNHS-ENVIS RP as Data Entry Operator. She intends to start her own startup on bird and wildlife tourism.

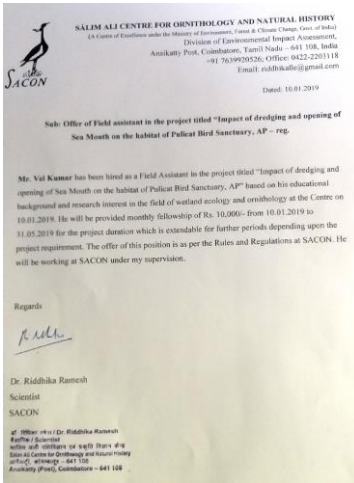
**Rohidas Dagale**

Master Trainer and Bird



### Success Stories

#### B. Salim Ali Centre for Ornithology and Natural History (SACON) ENVIS RP



**Mr. Velkumar got placed as Field Assistant in a project at SACON, Coimbatore**



**Mr. Lakshmanan got placed as Field Assistant in DST-SERB Major Research Project at Nehru Memorial College, Puthanampatti, Tiruchirappalli**



**Mr. Saed Anvar Ali** got opportunity to deliver a lecture on Basics of Bird Identification at Govt. Victoria College, Palakkad, Kerala

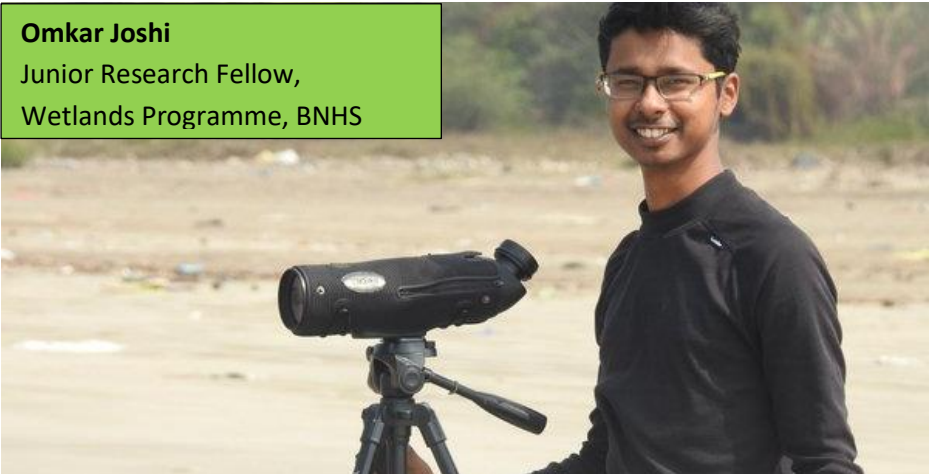


## 2. Certificate course on Bird Migration and Migration Stud Techniques

### A. Bombay Natural History Society (BNHS) ENVIS RP

**Omkar Joshi**

Junior Research Fellow,  
Wetlands Programme, BNHS

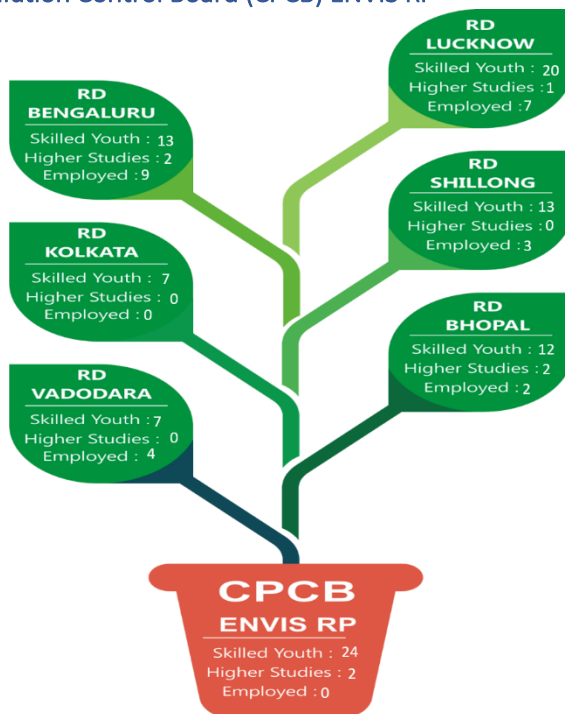


- Omkar Joshi was a post graduate in Environmental Science with real passion for wildlife studies and conservation
- He was participant of “Certificate Course on Bird Migration and Migration Study Techniques”.
- After completion of course he joined as Junior Research Fellow in Bombay Natural History Society in Wetlands Programme division.

## Success Stories

### 3. Pollution Monitoring (Air & Water Pollution)

#### A. Central Pollution Control Board (CPCB) ENVIS RP



**Ashish Kumar Verma**

Placed in CPCB as Scientific Assistant



**Anupam Ranjan**

Placed in CPCB as Scientific Assistant



**Gaurav Awasthi**

Placed in CPCB as Scientific Assistant



**Deepa Sharma**

Employed as Technical Manager in Environmental Laboratory



**Anusha H**

Placed in NGO



**Chandra Deep Singh**

Placed in Software Company



**D Alekhya John**

Placed in Agriculture Department, Guntur




**Hareesha B C**

Self-Employed at Swachta




## B. Mizoram Pollution Control Board ENVIS HUB



**Job Placement:** Mizoram Pollution Control Board

**Designation:** Scientific Assistant (S.A)

**Date of Joining:** 5<sup>th</sup> March, 2019



## C. Environmental Management &amp; Policy Research Institute (EMPRI) ENVIS HUB



**Ms. Sathyashree, BSc, MBA**

Trained on Valuation of Ecosystem Services and Green GDP and Pollution Monitor GSDP Course at EMPRI

- Placed In EMPRI
- With a salary of 27,500/- per Month
- As a Program Coordinator under National Green Corps programme





## Success Stories

### D. Environment Protection Training and Research Institute (EPTRI) ENVIS HUB & RP



Name : **Ms. B. Akshitha**  
Employed at : Trainee Environment officer, Hyderabad  
METRO Rail  
Salary : 33,000/-



Name : **Ms. M. Sushma**  
Employed at : Trainee chemist, Vasuda Enviro Labs,  
Hyderabad.  
Salary : 10,000/-



Name : **Mr. B. Srikanth**  
Employed at : Project fellow , NIZAM college,  
Hyderabad  
Salary : 14,000/-

### 4. Waste Management Solid Waste, Biomedical Waste, Plastic Waste, E-Waste, Construction and Demolition Waste

#### A. Department of Environmental Sciences (DES), Kalyani University ENVIS RP

After completion of the course on Waste Management out of 20 participants, five participants were already got engagement in different sectors like research(1), teaching(2) and industry(1). One trainee developed his own business of production of organic manure from wastes and generates self employment.



**Subhamoy Chakraborty:** 25 years aged old Mr. Chakraborty belong to a middle class family from rural village Subhas Pally, Murshidabad District in West Bengal. He completed post graduate in Environmental Science. He was interested to do this course because he wants to a job in environmental sector. After completed this two months certificate course he got a job in a company named Rashmi Metaliks limited, Kharagpur as a Environmental Officer.



**Pousali Chattaraj** (M.Sc in Environmental Science): 23 years aged old Ms. Pousali Chattaraj from Murshidabad District in West Bengal. She completed post graduate in Environmental Science form University of Kalyani in 2017. She joined this certificate course for her future. After completed this two months certificate course she joined as a guest lecturer in Department of environmental science, S.R.Fatepuria College, Beldanga, Murshidabad



**Moumita Chakraborty** (M.Sc in Environmental Science): 26 years aged old Ms. Moumita Chakraborty from Durgapur, Burdwan District in West Bengal. She completed post graduated in Environmental Science form University of Kalyani in 2014. She joined this certificate course for her future. After completed this two months certificate course she joined as a research scholar in G.B Panta National Institute of Himalayan Environment and Sustainable Development, Uttarakhand



**Soumen Mondal** (B.Sc. Graduate): 45 years aged old Mr. Mondal belong to a middle class family from rural village Rautara, Howrah District in West Bengal. He has completed graduate in Science from Calcutta University. He was self employed . After completed this two months certificate course he started his own business of production of organic manure from wastes and generates self employment.



**Alemera Khatun** (M.Sc in Environmental Science): 23 years aged old Ms. Alemera Khatun from Barahmapur District in West Bengal. She completed post graduated in Environmental Science form University of Kalyani in 2017. After completed this two months certificate course she joined as a guest lecturer in Department of environmental science, S.R.Fatepuria College, Beldanga, Murshidabad.

### Success Stories

#### B. Thiagarajar College of Engineering ENVIS RP

We had a house wife as a trainee, her story on GSDP course is totally different. “My husband is an entrepreneur, and sometimes I even worried what he is doing with the “Kuppai” (Waste) now after completing the course, the course has changed my mind set and I myself started working with my husband, Even I have started guiding him Waste Management techniques with the knowledge I have gained through the course. She thanked the ENVIS for conducting the course which changed her mind set on waste and also her life.



Now she turned as entrepreneur and taking care of a town's Solid Waste Management Centre near Madurai

#### BE (Civil Engg.) Passed Out Student Joined Environmental Engineering in TCE



Now he joined Two Year Course (M.E., Environmental Engineering ) at TCE Madurai, also he planned to carryover the research in management of waste to serve India

A passed out student from our college applied for the GSDP course followed by interview he got selected and joined in course, on day one he told that he joined the course to see whether waste management was such a serious problem to be addressed in the future, that too within two month course. But after completing his course he realized the serious of the waste management problem and how the environment gets

polluted by mismanagement of waste.



**M.Sc., (Botany) Student from Kerala Joined Ph.D., (Environmental Pollution) in TCE**

A candidate from Kerala by seeing paper advertisement applied for the GSDP course followed by interview she got selected and joined in course, she was the only candidate who attended the course with 100% attendance and actively learned the waste management processes.



Now she joined as a research associate (Ph.D.,) at Anna University to do more and more research on waste management under her area of interest

**Employment Details of Candidate**

Sl.	Candidate Name	Present Status
1	R. NIVETHA	Joined in Solid Waste Management Centre, TCE, Madurai
2	A.P. GAYATHRI	Pursing M.E., ( Environmental Engineering ) at TCE, Madurai
3	GIMNA MARIA GEORGE	Registered Ph.D at Anna university with theme as Waste Management.
4	R. MANOJ PRABAKAR	Joined in NGO (Clean green development)
5	A. BALAMURUGAN	Registered Ph.D at Anna university with theme as Waste Water Management.
6	B. KARUPPASAMY	Ph.D at Anna university with theme as Waste Management.
7	LOGESH KUMAR P	Pursing M.E., ( Environmental Engineering ) at TCE, Madurai
8	R. SARAVANAKUMAR	Ph.D at Anna university with theme as Waste Management.
9	S.R. THIRUCHELVE	Ph.D at Anna university with theme as Waste Water Management.
10	B. MARUDHUSUBASH	Actively educating school students about a Environmental issues. Became a trainee and educating school students on Waste Management.
11	KAPISH BHAGNANI	Became an entrepreneur in Bio Gas at Mumbai.
12	P. SANGEETHA	Become an entrepreneur and taking care of a town's Solid Waste Management Centre near Madurai

### Success Stories

#### C. CPR Environmental Education Centre (CPREEC) ENVIS RP

- The candidate **Mr. P. Saravanan** (GSDP UID- Sara3742) developed a prototype APP for SWM named as GSDP BOT.
- Aim of this app is to develop a methodology for effective segregation and disposal of waste at home with help of information technology solutions and tools.
- It provides various related information, videos and other content to users on demand to equip users for effective management of waste.
- Dashboard with real time data on different types of waste generated at location mapped with location based services



- The candidate **Ms. T.G.R. Sangeetha** (GSDP UID - sang0231) created the Animated game for Children.
- Aim of this video game is to create awareness among the children about waste segregation at the source and to understand the common categories of waste.
- The game focuses on waste segregation; the player has to collect them in the correct dustbin. There will be only 40 seconds and the players has to collect the necessary amount of waste correctly to go to the next level.
- If the player catches waste in wrong dustbins then negative points will be awarded.

#### D. Environment Protection Training and Research Institute (EPTRI) ENVIS HUB & RP



Name : **P. Sandeep Goud**  
Employed at : Senior Executive Hyderabad Waste  
: Management Project, Dundigal, Hyderabad  
Salary : Rs.23,500/-



Name : **Srinivas Jukuri**  
Employed at : Process Engineer (Biogas) Ahuja Engineering  
: Services Private Limited, Hyderabad  
Salary : 35,000/-

## 5. Plant Tissue Culture Techniques and its Application

### A. Department of Environmental Sciences (DES), Kalyani University ENVIS RP

Out of 16 participants two participants were already developed their own business (one participants have already developed a nursery on pomegranate crop and another one have developed his own tissue culture unit) and two other participants have already initiated to develop their own nursery on medicinal plants in rural areas of West Bengal. The successful participants can generate employment for the others.



**Kadam Sagar Ambadas:** 26 years aged old Mr. Ambadas belong to a middle class family from rural village of Pune, India. He completed his post graduated in microbiology. He was interested to do this course because he wants to set a own nursery unit. After completed this certificate course he developed a pomegranate nursery unit in his village.



**Binoy Kumar Sinha:** 63 years aged old Mr. Sinha belong to Kolkata west Bengal. He completed his post graduated in science. He was interested to do this course because he wants to set a dragon nursery unit. After completion this certificate course he developed his own tissue culture unit.



**Sambhu Nath Jana:** 56 year old Mr. Jana did, Bsc. He belongs to a rural area of West Bengal. He was interested to develop skill and self Employment and wants to engage for human welfare by developing the medicinal plant unit. After completion of this course he was already initiated to develop their own nursery on medicinal plants in rural areas of West Bengal.



**Debabrata Biswas:** 56 year old Mr. Jana did MSc in Environmental science. He belongs to a rural area of, Medinapure, West Bengal. He was interested to develop a medicinal plant unit in rural areas. After completion of this course he was already initiated to develop their own nursery on medicinal plants in rural areas of West Bengal.

**Success Stories**

**B. Environment Protection Training and Research Institute (EPTRI)**



Name : **Ms.B.Padmaa**  
Employed at : Project faculty, EPTRI  
Salary : Rs. 13450/-



Name : **Ms. T. Bindu Shalini**  
Employed at : Conference Executive Pragmatic Conclave  
International Pvt. Ltd  
Salary : Rs.12,500+/-



Name : **Mr. V. Akhil**  
Employed at : Lab Analyst, Soil testing lab, Warangal  
Management Project, Dundigal, Hyderabad  
Salary : 13,000/- +TA



Name : **Ms. Shamera Begum**  
Employed at : Teacher, Indian Public School, Hyderabad  
Management Project, Dundigal, Hyderabad  
Salary : 12,000/-



Name : **Ms. A. Saritha**  
Employed at : Senior officer in Lb, Working in Indian  
Immunologicals Ltd, Hyderabad  
Salary : 15,000/-



Name : **Ms. E. Shalini**  
Employed at : Microbiologist, Lavin Laboratories (NABL  
accredite)  
Salary : Rs. 15,000/-

## 6. Sustain and Enhance Technical Knowledge in Solar Energy Systems

### A. The Energy Resources Institute (TERI) ENVIS RP

I **Kumar Nagmani**, from Bokaro Steel City, Jharkhand, got opportunity for GSDP Training on Sustain and Enhance Technical Knowledge in Solar Energy Systems, conducted by MoEFCC & TERI. After completion of this training, i realized that i want to utilize my GSDP skill towards an impactful programme on Environment & Renewable energy which can be fruitful for women empowerment. So, i am in process of establishing a Non-Profit Company (under MCA Section 8), so that i can work along with rural women & Self Help Group in mass level. I am thankful to TERI & Radsol Energy for their continuous guidance & motivation to accomplish my dream.



**Sanjeev Kumar:** It was a great experience with GSDP training conducted by MoEFCC and TERI. After successful completion of the programme, I have started a manufacturing flyash brick unit which will run on solar power plant. I am successfully able to utilize my training experience here and also trying to create job opportunities to the local people. I am thankful to TERI and the whole team for such programmes.

### In Addition

- 2 Entrepreneurial Initiatives in the field of flyash and environment in Jharkhand and Bihar
- 5 Participants started jobs in Jaya Vaishnavi Agency and Jeevika
- 5-6 participants are identified for Master Trainers (MTs)
- 8-9 participants have plans to start their business and become entrepreneurs

### Success Stories

#### B. Department of Environment, Chandigarh ENVIS HUB



**Anurag Verma, Uttarakhand :** After, his completion in Diploma in Mechanical Engineering, Anurag did not get an opportunity to work in the same field. Soon after, he got a chance to enhance his skills in the field of emerging solar energy trends and got enrolled under GSDP at ENVIS Hub, Chandigarh. After the successful completion of this training programme he started with his own company named “ VIOM Solar Solution” at Delhi-NCR region.

**Harminderjeet Singh, Punjab:** Harminderjeet pursued Diploma in Mechanical Engineering. After undertaking training under GSDP, he upgraded his present knowledge and educated himself about the latest technologies used in the field of solar energy. After completion of his training he got placed with “Electromac Chandigarh” under Marketing Division.



**Jaswinder Singh, Punjab :** Being a B.tech graduate in Computer Science, he could not get placed at a suitable position. However, after the dedicated completion of GSDP and acquiring the required knowledge and skills, he made a mark in the marketing department of “M/s Electromack Solar Company Ltd., Industrial Area Phase II (Chandigarh)”

**Balwinder Singh, Punjab :** He is a post graduate based at Mohali district of Punjab. After attaining hand-on experience under Green Skill Development programme, he is currently associated with a NGO named “Entrepreneurship Training and Rural Development Initiative” which is progressively operating in North India.



**Amaninder Singh Dhanoa, Punjab:** Amaninder Singh pursued B.E. (Mechanical) that helped him to attain first hand knowledge about various technological advancements in the field of Solar Energy. After incorporating green skills, acquired through GSDP, he started free-lance marketing with local companies in and around areas of Punjab. To execute strategies under his business model, he initiated raising awareness amongst general public via Door-to-Door marketing and imparted the significance of instilling SPV panels. He then approached local vendors and extended help to harvest benefits of solar energy by his technical expertise gained under this distinctive initiative.

**Jaswinder Singh Tamber, Punjab:** Jaswinder Singh pursued Diploma in Mechanical Engineering. After his completion in GSDP , he got an opportunity to showcase his acquired expertise by starting his own business at Hoshiarpur district of Punjab state)



## C. Environment Protection Training and Research Institute (EPTRI) ENVIS HUB & RP



Name : **Dubba Tejasree**  
 Employed at : Rural Electrification Corporation  
 Salary : Rs. 20,000/-



Name : **Calpakam Pratap Chandra**  
 Employed at : Mythri Aqua Tech  
 Salary : Rs. 15,000/-



Name : **D. Anitha**  
 Employed at : Renewsys India Pvt Ltd  
 Salary : Rs.12,500/-



Name : **Sai Prasad Valthathi**  
 Employed at : Renewsys India Pvt Ltd  
 Salary : Rs.12,500/-

## 7. Nature Conservation and Livelihood: Ecotourism

### A. State Council of Science and Technology for Sikkim (SCSTS) ENVIS RP

**Tshering Thendup Bhutia** from Mangan, North Sikkim has started his Malla Kothi Heritage Homestay. Guest from various countries have already started coming to his homestay



### Success Stories



### Some of the activities post Ecotourism course 64th wildlife week

- First week of October we had a great 64th wildlife week 12 schools participated in Marathon, Quiz, drawing competitions Nature trails and tree plantation.
- We got inquiries from 18 schools on over activities
- 2 schools shown interest tying with us in the coming academic year
- Governor of Karnataka appreciated our efforts in his speech
- We are in the process of registering our company with Karnataka ecotourism board
- We have applied for booking agency on myecotrips hoping to get this by February 2019
- We are in process of creating nature camp at sasan gir in January.
- Ecotour package For Sikkim in March, In Sikkim package stay will be planned at Pangthang, Mangan and Pelling homestays. ~ Lokanath M



GSDP Trained Manpower  
Sh. Lokanath M





**Ratan Deep Singh**, one of the candidates has already started his career as Tour Guide. He has started 'Chitrakoot Eco Tours & Travel Agency' at Varanasi, Uttar Pradesh.

**"Today I guided three tourists of Thailand at sarnath. Mr. Tsaphone from Laos and Mr. Parpas and Hassakhon from Thailand. I asked about their feedback and they said....."**

- The visit to sarnath has made him to feel cry and full of emotions as he is very close to Buddha. He like the people of India because they welcome us again to visit places by giving the best hospitality.
- The second tourist is from England, Manchester his name is Marie. I met him at Dasavsmedh ghat, He was very keen and interested in knowing the culture of varanasi and why people worship the river ganga. The evening ganga aarti was most attractive attraction for tourist."



**- Ratan Deep Singh**

**Success Stories**

**B. Centre for Environmental Studies (CES) ENVIS HUB**

**Certificate Course on Eco-tourism**



**Name of the Student:**

Soumyendra Ku. Tripathy

**Application ID:** SOUM7476

**Placement:**

Eco-Guide Chandaka,  
Bhubaneswar



**Name of the Student:**

Hrudananda Nayak

**Application ID:** HRUD2226

**Placement:**

Eco-Guide Chandaka,  
Bhubaneswar



**Name of the Student:**

Santwana Satapathy

**Application ID:** SANT3896

**Placement:**

Eco-Guide Chandaka,  
Bhubaneswar



**Name of the Student:**

Sudipta Mishra

**Application ID:** SUDI2587

**Placement:**

Eco-Guide Chandaka,  
Bhubaneswar



**Name of the Student:**

Swadhina Behera

**Application ID:** SWAD3838

**Placement:**

Eco-Guide Chandaka,  
Bhubaneswar



**Name of the Student:**

Swadeshbandini Swain

**Application ID:** SWAD6003

**Placement:**

Eco-Guide Chandaka,  
Bhubaneswar



**Name of the Student :** Kanhu Charan Mishra

**Application ID :** KANH4424

**Placement :** Eco-Guide Chandaka, Bhubaneswar

## 8. PARATAXONOMY including PBR:

## A. Botanical Survey of India (BSI) ENVIS RP

**Employed at: Chhattisgarh Biodiversity Board****Post: 'Technical Supervisor'**

Mr. Rajaneesh Kumar Mishra



Mr. Satyam Tiwari



Mr. Manoj Kumar Shukla



Mr. Dinesh Kumar Kushwaha



Mr. Shubham Pandey



Mr. Rawal Ram

**Employed at: Central National Herbarium, BSI****Post: 'Herbarium Assistant'**

Ms. Torsa Dey



Ms. Sreya Chowdhury

**Employed at: NHMS Project at SHRC,****Gangtok, BSI****Post: 'Junior Project Fellow'**

Ms. Oindrila Chakraborty

**Employed at: AJCB Indian Botanic Garden, BSI****Post: 'Garden Attendant'**

Ms. Rakhi Mishra



Mr. Sasanka Sekhar Mondal

**Employed at: ANRC, Port Blair, BSI****Post: 'Herbarium Assistant'**

Ms. U. Anitha



## Success Stories

**Employed at:** IFGTB, Coimbatore

**Post:** 'Field Assistant'



Mr. Arun Kumar



Mr. Rajesh

**Employed at:** SRC, BSI, Coimbatore

**Post:** 'Field Assistant'



Mr. Boopal Santosh

**Employed at:** NHMS Funded Project, Sikkim University

**Post:** 'Field Assistant'



Mr. Martin Manna Lepcha



Mr. Sonam Wangyal Bhutia

**Employed at:** SHRC, Gangtok, BSI

**Post:** 'Garden Attendant'



Mr. Dan Bahadur Chettri

**Self Employed as 'Nature Guide & Environmentalist'**



Mr. Chandra Prakash

**Employed at:** FRI, Dehradun  
**Post:** 'Project Assistant'



Mr. Suraj Kumar

**Employed at:** NRC, BSI  
**Post:** 'Master Trainer'



Ms. Sushmita Uniyal

**Employed at:** Walnut School

**Post:** 'Teacher'



Ms. Dhanashree Pawar

**Employed at:** WII, Dehradun

**Post:** 'Project Biologist'



Ms. Asma Parveen

**Employed at:** NGCPR, Maharashtra

**Post:** 'Junior Research Fellow'



Ms. Sneha Bramhadande



**Pursuing Ph.D. (previously worked as JPF in Tripura Univ.)**



**Ms. R. Divya**

**Employed at: NMHS Project  
Post: 'Field Assistant'**



**Mr. Inder Kumar Singh**

## B. Centre for Environmental Studies (CES) ENVIS HUB



Name of the Student: **Rajkishore Swain**

Application ID: RAJ\_8678

Placement: Eco-Guide Chandaka, Bhubaneswar



Name of the Student : **Anil Kumar Behera**

Application ID : ANIL7599

Placement : Parataxonomist, Chhatishgarh Biodiversity Board



Name of the Student : **Sunandita Mohapatra**

Application ID : SUNA0248

Placement : Eco-Guide Chandaka, Bhubaneswar



Name of the Student : **Rupali Dash**

Application ID : RUPA4989

Placement : Parataxonomist, Chhatishgarh Biodiversity Board

**Success Stories**



Name of the Student : **Smrutilagna Mahakul**  
Application ID : SMRU4395  
Placement : Eco-Guide Chandaka, Bhubaneswar



Name of the Student : **Sonali Pradhan**  
Application ID : SONA6515  
Placement : Parataxonomist, Chhatishgarh Biodiversity Board



Name of the Student : **Priyadarsani Swain**  
Application ID : PRIY2908  
Placement : Parataxonomist, Chhatishgarh Biodiversity Board



Name of the Student : **Soumyakanta Mishra**  
Application ID : SOUM8359  
Placement : Parataxonomist, Chhatishgarh Biodiversity Board



Name of the Student : **Saumya Ranjan Mohanty**  
Application ID : SAUM7482  
Placement : Parataxonomist, Chhatishgarh Biodiversity Board



Name of the Student : **Sushree Deepsina Basantara**  
Application ID : SUSH4501  
Placement : Parataxonomist, Chhatishgarh Biodiversity Board



Name of the Student : **Rakesh Kumar Pradhan**  
Application ID : RAKE2270  
Placement : Eco-Guide Chandaka, Bhubaneswar



Name of the Student : **Subhashree Dehury**  
Application ID : SUBH3613  
Placement : Parataxonomist, Chhatishgarh Biodiversity Board



Name of the Student : **Kali Prasad Rath**  
Application ID : KALI3278  
Placement : Eco-Guide Chandaka, Bhubaneswar



### Priyadarsani Swain

I am Priyadarsani Swain, a para-taxonomy trainee at Odisha state ENVIS hub. I got trained at the institute on para-taxonomy including PBR with theory and practical for four months. Then i served under Chhattisgarh Biodiversity Board. I constituted two BMC and two PBR in Chhattisgarh. In between i got master training organised by Chhattisgarh Bio-diversity Board.

The great training procedure of Odisha ENVIS board and proper guidance from CGB helped me in my field work. I am looking forward to getting more work in this field where i can use my experience.

### Soumyakanta Mishra

I am Soumyakanta Mishra a trainee of para-taxonomy. After successfully completion of Para-taxonomy including PBR course with theory and practical I got a chance to work for Chhattisgarh State Biodiversity Board. Adequate training and proper guidance of trainers made me so skilled that CGSBB members praised my work.



It was a three-month project work of making BMC and PBR in Dhamtari district of Chhattisgarh. I was working as a technical supporter in making of BMC and PBR. As instructed by CGSBBI constituted 2 BMC and 2 PBR in 2 months of time. In Chhattisgarh I attained a workshop on master trainer which flourished my knowledge. It was a very pleasant experience working in such atmosphere. Hope to get more work in this field.



### Subhashree Dehury

I am Subhashree Dehury, a former para-taxonomy trainee at Odisha state ENVIS Hub. After getting four months of training from the institute on para-taxonomy including PBR with theory and practical, i served under Chhattisgarh biodiversity board. Under the board i completed three months of project work during which i constituted two BMC and two PBR. In between i got master training organised by Chhattisgarh Bio-diversity board.

The Odisha ENVIS hub and CGB helped me a lot in the smooth transition from a trainee to an employee. The great training procedure of Odisha ENVIS board and proper guidance from CGB helped me achieve this feat. Hope I can use this experience to get more work in this field.

### Success Stories



#### Saumyaranjan Mohanty

I'm Saumyaranjan mohanty a para-taxonomy trainee of Odisha State ENVIS hub. I have completed four months training course of para-taxonomy including PBR with theory and practical. After the completion of the course I got an offer from Chhattisgarh biodiversity board to make BMC and PBR.

It was a project work for the duration of three months in which I constituted two BMC and two PBR. I had a great experience during the working days of my in Chhattisgarh. Proper training of Odisha State ENVIS hub made my work easier. I'm so thankful to Odisha State ENVIS Hub and CGSBB. Chhattisgarh Forest department helped us unconditionally. Hope I will get more work in this field.

#### Deepsina Basantara

I am Sushree Deepsina Basantara a trainee of GSDP of course Parataxonomy. Adequate training in Odisha ENVIS hub helps me to get job. It was a project basis job of three months for constituting BMC and PBR in Chhattisgarh. I was posted at Dhamatri district as a technical supervisor. My job was to interpret to villagers about benefits and making process of BMC and PBR.



In Chhattisgarh, I attained master trainer workshop which sharpen my knowledge and way to communicate with villagers. Dhamtari district DFO and SDO appreciate my work, and all credit goes to Odisha state ENVIS hub. I constituted 2 BMC and prepare 2 PBR in those months. Overall it was a nice experience, hope to get more work like this.



#### Anil Kumar Behera

I am Anil Kumar Behera, a para-taxonomy trainee of Odisha state ENVIS hub. I have completed 4 month training course of Para-taxonomy including PBR course with theory and practical. After completion of this course, I got a chance to work with Chhattisgarh State Biodiversity Board to make BMC and PBR. It was a project work of three month in which I made 2 BMC and 2 PBR. Proper training made my work easier and all credit goes to prominent trainers of ENVIS Odisha. In Chhattisgarh, I enhanced

my skill in every aspect. I trained as a master trainer in Chhattisgarh which improve my skill to communicate with villagers. Over all it was a nice experience in working with them. Hope to do the same in future.



## C. Zoological Survey of India (ZSI) ENVIS RP

**Ms. Bijitha Ramesh, MSc**

Trained on Para Taxonomy including Peoples Biodiversity Register (PBR) and GSDP Course at ZSI, Kozhikode

- Placed In EMPRI
- With a salary of 12,100/- per Month
- As a Parataxonomist under **Environmental Information system (ENVIS)**



## D. Institute for Ocean Management (IOM), ENVIS RP



**Mrs. Jansi Rani** turned as a successful entrepreneur by the end of the course; she established her own Nursery and Herbal garden at her place in Pallikaranai, Chennai.

## Success Stories

**Mr. Venkatesan R** who completed his GSDP course in ENVIS-IOM, Anna University, Chennai has been employed as Field Assistant in Institute for Ocean Management, Anna university, Chennai.



**Ms. Krithika** who completed her GSDP course in ENVIS-IOM, Anna University, Chennai has been selected by the Chhattisgarh State Biodiversity Board to work in around 9000 village councils (Gram Panchayats) for Preparing People's Biodiversity Register (PBR).

## E. Environment Protection Training and Research Institute (EPTRI) ENVIS HUB & RP



Name : **Mr. D. Md. Shareef**  
Employed at : Project Faculty, EPTRI, Hyderabad  
Salary : Rs. 13,450/-



Name : **Ms. B. Shirisha**  
Employed at : Project Faculty, EPTRI, Hyderabad  
Salary : Rs. 13,450/-



Name : **Ms. P. Kruthika Reddy**  
Employed at : lecturer, Govt college, Veekarabad  
Salary : Rs.12,000/-



Name : **Mr. K. Ganesh Raj**  
Employed at : DATA ENTRY OPERATOR, ENVIS HUB, EPTRI, Hyderabad  
Salary : Rs. 10000/-

## 9. Wildlife Management using Geospatial Techniques

### A. World Wide Fund for Nature – India (WWF) ENVIS RP



**Name:** Aditya Singh Chauhan

**Qualification:** M.A Environment and Development

**Current Placement:** Field Supervisor” at Tughlaqabad Biodiversity Park, CEMDE University of Delhi.



**Name:** Arun Kumar

**Qualification:** B.Tech-Instrumentation & Control, Pursuing MBA in Finance

**Current Placement:** IGCMC, WWF-India, working on SECURE Himalayas Project: UNDP MoEFCC



**Name:** Akhil Sivadas

**Qualification:** B.Tech- Electronics & Bio-medical engineering

**Current Placement:** IGCMC, WWF-India, working on SECURE Himalayas Project: UNDP MoEFCC



**Name:** Samrat Deb

**Qualification:** B.Sc Forestry-NERIST

**Current Placement:** IGCMC, WWF-India, working on SECURE Himalayas Project: UNDP MoEFCC



**Name:** Manu Mohan

**Qualification:** BSc Forestry

**Current Placement:** Wildlife Institute of India as a Project Intern.



**Name:** Manas Shukla

**Qualification:** BDS and PG Diploma in Disaster management

**Current Placement:** IGCMC, WWF as an Intern.

## 10. Valuation of Ecosystem Services and Green GDP

### A. IISc ENVIS RP & EMPRI ENVIS HUB



**Name:** Mr. Anirudh

**Qualification:** B.Tech

**Working** at IISc, Trained on Valuation of Ecosystem Services and Green GDP, GSDP Course at IISc&EMPRI



**Name:** Ms. Shalini

**Qualification:** Pursuing PhD in Environmental Science

**Trained** on Valuation of Ecosystem Services and Green GDP, GSDP Course at IISc&EMPRI



**Name:** Mr. Guruprasad

**Qualification:** Pursuing PhD in Sustainable Buildings

**Trained** on Valuation of Ecosystem Services and Green GDP, GSDP Course at IISc&EMPRI

## Success Stories

### 11. Laboratory technicians/ Technical Assistants for energy efficiency, star labeling and other electrical testing for environmental criteria

#### A. Consumer Education and Research Centre (CERC) ENVIS RP

Two Trainees placed before the completion of course

- **C P Chettiar** -Torrent Power Ltd, Ahmedabad
- **Subha Ghosh** - PLUGA - FRANKLIN, Vadodara



Expansion in family business

Two Trainees expanded their manufacturing unit for 5 star labelling on motors & pumps

- **Smit Maheshpuri Swami**
- **Sharma Parthkumar Vinodbhai**



One Trainee got international placement

- *Amit Bhunia - AFCONS, Kuwait*

Four trainees employed in different manufacturing units



Uday Jain



Punit V Parmar



Govind Zala



S. Swapnil

Two trainees employed by CERC in different projects

- **Ranadeep Karmakar**
- **Sunil Kumar Kumavat**



## 12. Certificate Course on Laboratory Assistant for Eco-friendly Food Testing Laboratory

### A. Consumer Education and Research Centre (CERC) ENVIS RP



#### Entrepreneur

Sachin Kumar Rathod is running his own testing laboratory. He has expanded his lab after getting this training



#### Internship

Kruti Shah joined CSIR-IITR Lucknow



#### Manish Prajapati joined

Daffodil Pharmaceuticals Private Limited

## 13. Value addition & Marketing of NTFPs (Plant Origin):

### I. Bamboo Crafts

### A. Forest Research Institute ENVIS RP



**Name:** Pramod Kumar Chourasia

**GSDP Id:** Pram09121991

**Course:** Bamboo Crafts

Pramod Kumar Chourasia, the candidate of GSDP course on “Bamboo Crafts” at Forest Research Institute, Dehradun has established a training center for conducting bamboo workshops and trainings and provided training to various students and farmers as a Master Trainer in Dhulkot mafi , Dehradun, miscellaneous products were made from low cost tools.



**Name:** Mohit Lohani

**GSDP Id:** Mohi2320

**Course:** NTFP Products / Medicinal Plants

Mohit Lohani and one of his fellow Avinash Garg, trainees of the GSDP Course “Value Addition and Marketing of NTFPs(plant Origin) : NTFP Products/Medicinal Plants” at Arid Forest Research Institute, Jodhpur has started their own set up of growing vegetables and flowering plants in soilless medium (Hydroponics) after attending GSDP training Programme.

### Self Help Group of “Bamboo Crafts”

Self Help Group “Srijan” was made by ladies of the GSDP Course on Bamboo Crafts at Forest Research Institute, during the training. The group has started the set-up of products making and the earning will be deposited in the group's bank account.





## 14. Nature Conservation and Livelihood:

### I. River based Ganga Prahari

#### A. Wildlife Institute of India (WII) ENVIS RP

**Payal Sharma**

**Course:** Tourist Guide

**Update:** Works at the Jalaj as a receptionist, interacts with the visitors,

**Monthly Income:** 4700 Rupees



**Anita Devi, Kajal, Suman, Meera, Sakshi, Sujata**

**Course:** Health and Wellness

**Update:** Work as Health and Wellness experts in Jalaj, provide services to visitors and practice independently as beauticians

**Monthly income:** 3000 rupees average



**Success Stories**

**Kiran, Neetu, Darshan, Rajesh, Balender, Santosh, Vishal**

**Course:** Tourist Guide

**Update:** Work as tourist guides on Jalaj

**Monthly income:** 5000

**Future Plans:** To link them up with hotels and employ them permanently on the Jalaj Boat



**Madan Lal**, a participant of the Green Agriculture: Biocompost, Vermicompost and Nursery Management course is converting his entire farm organic and using his skills to develop a nursery.





## KUMBH 2019

- ▶ Almost 40 trainees from the courses engaged themselves in the outreach activities and cleanliness drives in Kumbh 2019 in Allahabad



## II. Nature Interpretation

### A. Wildlife Institute of India (WII)

All the trainees are a part of Manas Nature Guide Association and the training motivated them to form the Association and register it under The Assam Co-operative Societies Act, 2007.



**Success Stories**



**ABINASH BORO**

**Course:** Certificate course for Nature Interpretation for Rural Youth

**Update:** Works as a nature guide, started his own travel agency

**Monthly Income:** more than 10000 Rupees



**Welcome to Manas National Park**

**2Days 2 Nights Package costs 38,500/- for 6 persons(Indian nationals only)**

**CONTACT-9101801261/8761891223**

**Package cost includes All meals Accomodation, gypsy safari, bird watching and all permits.**

**ABINASH BORO**

**smileov04@gmail.com**



**PANKAJ DAS**

**Course:** Certificate course for Nature Interpretation for Rural Youth

**Update:** Works as a nature guide, conducts special birding tours, started his own travel agency

**Monthly Income:** more than 10000 Rupees

MANAS NATIONAL PARK, ASSAM, INDIA



KRISHNA PATHAK

**Course:** Certificate course for Nature Interpretation for Rural Youth

**Update:** Works as a nature guide, started his own Home Stay

**Monthly Income:** More than 10000 Rupees

Krishna Pathak

9101668510 / 8812004793

**MANAS ORCHID HOME STAY**

Manas National Park

Bansbari Range

Gyatigaon, Barengabari, Dist. Baksa, BTC, Assam-71315

**Specialised on :**

Jeep Safari, Elephant Safari, River Rafting, Fooding and Lodging, Bonfire, Traditional Dance.

Ranjan Mahato, Rajib Sarkar, Sanjay Urang, Jitumoni Pathak, Atul Basumatary

**Course:** Certificate course for Nature Interpretation for Rural Youth

**Update:** Works as a nature guide

**Monthly Income:** more than 10000 Rupees



**Success Stories**



**Sanjay Magar, John Baraik, Sukleswar Nath, Samson Lugun**

**Course:** Certificate course for Nature Interpretation for Rural Youth

**Update:** Employed with tourist lodges and resorts as Nature Guides

**Monthly Income:** more than 10000 Rupees





## B. GBPNIHESD ENVIS RP



Photo: Turmeric grown organically by Mr. Bisht in his farmland

**Name:** Kailash Singh Bisht

**Education:** Intermediate

**Age:** 39 yrs. (Mob: 09411594356)

**Address:** Village-Sundarkhal, Post-Sundarkhal  
Tehsil- Dhari, District-Nainital (Uttarakhand)

**Mr. Kailash Singh Bisht**, a traditional farmer by profession has applied the learning of GSDP in transforming his subsistence farming into sustainable one. He has now introduced cultivation of Medicinal and Aromatic plants, off-season vegetables and other crops, of premium price into his existing farming practices. In future, he has also planned to integrate other rural technologies like vermi-composting, mushroom cultivation and floriculture for improved farm income and to minimize the high agricultural input cost.

**Success Stories**



**Photo: Mr. Mehra is proud of Cultivating his field with Ginger**

**Name:** Mr. Dhan Singh Mehra

**Education:** M.A. , B.Ed.

**Age:** 31 Yrs. (Mob: 09634448393)

**Address:** GIC Road, Sunkot Distt.- Champawat (Uttarakhand)

**Mr. Dhan Singh Mehra, an** aspiring young man with good education qualification has always opted to have a secure government job. He never given a second thought to start his own venture despite having handsome but abandoned ancestral landholdings, as his siblings have also migrated from the area.

Pursuing for the same, he attended the GSDP course to get a certificate on green skill and to strengthen his resume. However, on culmination of the GSDP course, he turned into an altogether different personality and resort to start his own venture.

On his return to his village he put all his efforts to revive the agricultural fields, which have been fallow for quite long. He stated, while ploughing the fields, he felt so connected and contented that gave an esteem sense of ownership and pride, which was largely missing earlier.

Delving on his future plans, he stated that he would gradually and step wise incorporate all available rural technological interventions to earn a sustainable and respectable living and set an example for others in the region.



## 15. Preparation of People's Biodiversity Register

### A. G.B. Pant National Institute of Himalayan Environment & Sustainable Development (GBPNIHESD) ENVIS RP,



**BMC formation in Papoli Village, Hawalbagh Block  
(Distt. Almora), Uttarakhand during the PBR training Course**

**Mr. Lalit Pathak** (9456345961) a resident of Kapkot Block (Distt. Bageshwar) Uttarakhand after completion of PBR Course formed a block level Biodiversity Management Committee (BMC) in his native village

Besides the mandated objective of the course, which is to strengthen the skill of trainees on preparation of PBR, the course has led to the formation of Biodiversity Management Committee (BMC), in village Papoli, Hawalbagh Block, Almora.

The formation of BMC is felicitated by representatives of Uttarakhand State Biodiversity Board (USBB), Dehradun Dr. RP Kala and Mr. Arvind Uniyal, who extensively deliberated on structure, statutory power, role and responsibilities of BMC in biodiversity conservation, sustainable use of its components and equitable sharing of benefits arising from its use.

The process of BMC formation, its role and responsibilities particularly with preparation of PBR, the need of having a technical support group (TSG) and incentive associated with preparation of PBR has helped a lot in clearing the doubts of the trainees regarding the course relevance and its future uptake for livelihood.

### Success Stories

Tie up of Trainees with State Biodiversity Board, Uttarakhand for Preparation of PBRs Five Master trainers of PBR-1 Course were engaged as Resource Person for PBR-2 Course



#### B. Environment Protection Training and Research Institute (EPTRI) ENVIS HUB & RP



**Name:** Mrs. Chaparla Varalakshmi

**Employed at:** Working as Nature Farming Fellow (NFF) of Agriculture Department AP

**Salary:** 19000/- Per Month

**Course Name:** People's Biodiversity Register

## 16. Plantation Techniques and Utilization of Renewable Energy in Arid Zone

### A. Central Arid Zone Research Institute (CAZRI) ENVIS RP

Mr. Virendra Singh from famers family of Ghewara, village, Tinwari Tehsil, Jodhpur district participated in GSDP training at ICAR- CAZRI, Jodhpur where he learnt, imbibe all the knowledge and implemented it on his agriculture land. He used self made vermicompost manure in his farm instead of using chemicals and fertilizers. He also developed nursery of Ber varieties (Gola, Umraon, Sev, Thai apple) through budding technique, lemon saplings prepared through air layering techniques for his own use and neighbouring famers. Before training he faced many problems in raising healthy cotton plants due to hard seed coat. During training he learnt different types of seed treatments and implements the same and got success. He even intercrop cotton with maize thus earning 2 cash crops along with double profit. He also disseminates his plantation techniques knowledge to fellow farmers of his own area as well as in Jaisalmer, Jalore and Pali district. Presently he is developing his own field of Ber to enhance his income for better livelihood, motivating and imparting training to other farmers also.



**Name:** Virendra  
**GSDP ID:** Vire6378  
**Qualification:** 12<sup>th</sup>  
**Job Status:** Self Employed

Mr. Shravan Ram a graduate student from Melba village, Luni Tehsil, Jodhpur district undergone one month GSDP training (11<sup>th</sup> July, 2018 to 10<sup>th</sup> August, 2018) ) at ICAR- CAZRI, Jodhpur. After completion he got an opportunity to work as a Field Assistant in ICAR funded Farmers FIRST Project entitled “Sustainable Livelihood Inventions for Augmenting Small Land Holders Income in Western Rajasthan” where he interacted with farmers of different villages and demonstrated his skill that he gained during training like rain water harvesting technique, developing organic and vermicompost manure, construction of animal feed solar cooker and teaching different seed treatments before sowing. Presently he is developing his own Ber farm purely organic and motivating farmers to implement new techniques that he gained during training to enhance income and better livelihood. For this he is in regular contact with the scientists (resource person of training) for solving the queries.



**Name:** Sharvan  
**GSDP ID:** Shar0606  
**Qualification:** BSC  
**Job Status:** Field Assistant,  
 Sustainable Livelihood Inventions  
 for Augmenting Small Land  
 Holders Income in Western  
 Rajasthan at ICAR-CAZRI,  
 Jodhpur



### Success Stories

Mrs. Bhawna Sharma a woman entrepreneur from Jodhpur is utilizing her knowledge gained during GSDP programme to expand her own business of organic manure. During the training, students were interacted to innovative farmers and to hi-tech nurseries where she was able to make more links which helps her to modify and integrate new technologies in the procedures of making compost & vermicompost manure. She even participated and exhibits her products in the exhibition of Kisan Mela held at CAZRI, Jodhpur.



**Name:** Bhawna Sharma

**GSDP ID:** Bhaw9282

**Qualification:** BSC

**Job Status:** Entrepreneur  
Ganga Organics

Mr. Bhupender from famer family of Khiyasarya village, Dechu Teshil, Jodhpur district started executing his training skills in developing Lemon, Ber and Anar saplings through budding, grafting and air layering methods. He is preparing vermicompost, and also cultivating Azolla as a feed resource, installing solar panels on roof for domestic purpose. In future he plans to utilize solar energy in drip irrigation and organic farming. Recently he joined 21 days training course on “Dairy Entrepreneurship” at Krishi Vigyan Kendra, ICAR-CAZRI, Jodhpur (18<sup>th</sup> Jan, 2019 – 26<sup>th</sup> Feb, 2019).

**Name:** Bhupendra Kumar

**GSDP ID:** Bhup1448

**Qualification:** BSC

**Job Status:** Self Employed

## 17. ETP-CETP-STP OPERATION & MAINTENANCE

### A. Gujarat Cleaner Production Centre (GCPC) ENVIS RP

After completion of ‘Certificate Course on “ETP-CETP-STP OPERATION & MAINTENANCE (MASTER TRAINERS)” out of total 15 candidates, 9 candidates have got job in Industries / CETP’s / Pollution Control Board / 2 candidates have opted for further studies and remaining 4 are exploring suitable opportunity in the relevant field.

**Placement details of some of the Candidates**

Sl.	Name of Candidate	Present Status
1.	Ms. Nidhi Halbe	Placed at Envigreen Techno Consultancy, Surat
2.	Ms. Sanjay Kumar Sharma	Placed at Ultratech Cement, Kutch
3.	Ms. Bariya Alpaben Bhailalbhai	Placed at Gujarat Pollution Control Board, Gandhinagar
4.	Mr. Deep Rao	Placed at UPL, Unit-5, Jhagadia, Bharuch
5.	Ms. Megha Gandhi	Placed at Gujarat Pollution Control Board, Gandhinagar
6.	Ms. Urvashi Vandara	Placed at Gujarat Pollution Control Board, Gandhinagar
7.	Ms. Jasmin Lad	Placed at Gujarat Pollution Control Board, Gandhinagar
8.	Ms. Foram Maheshwari	Placed at Vapi Green Enviro Ltd. (VGEL), CETP, Vapi
9.	Mr. Parth Makwana	Placed at CETP Surat
10.	Mr. Manojkumar Godhaniya	Started IELTS Classes for further Studies in Abroad
11.	Mr. Nirjal Patel	Started Industrial Safety Course in MGII, Ahmedabad

**18. Cleaner Production Assessment****A. Gujarat Cleaner Production Centre (GCPC) ENVIS RP**

After completion of ‘Certificate Course on Cleaner Production Assesor’ (Master trainers) out of total 20 candidates, 7 candidates have got job / 3 candidates have started their own business / 7 candidates have opted for further studies and remaining 3 are exploring suitable opportunity in the relevant field.

## Success Stories

Placement details of some of the Candidates are given below:-

Sl.	Name of Candidate	Present Status
1.	Ms. Aneri Desai	Placed at Gujarat Pollution Control Board, Regional Office, Surat
2.	Ms. Priyanka Pathak	Placed at Gujarat Pollution Control Board, Gandhinagar as Assistant Environment Engineer
3.	Mr. Hiteshkumar Pandya	Placed at Ingersoll Rand India Ltd., GIDC Naroda, Ahmedabad
4.	Mr. Mourya Teja	Working with Piramal Group, Mumbai
5.	Mr. Nevis Khambhati	Placed at Sewage Treatment Plant (STP), Narol, Ahmedabad
6.	Mr. Amar Patel	Placed at Warm Stream, Anand
7.	Mr. Manoj Bharadwaj	Started his own business
8.	Mr. Akhil Ramolia	Started his own Business on Cleaner Production in Telengana
9.	Mr. Love Patadiya	Started his own firm named Soni Group of Technologies at Village: Indrad, Kadi, Gujarat
10.	Mr. S. Rajaram Choudhary	Job at Bangalore
11.	Ms. NiraliDudhrejia	Pursuing Further Studies Master's in Environment Engineering
12.	Mr. Vinay Vala	Pursuing Master of Environment Engineering
13.	Ms. PreetiSant	Pursuing Further Studies Master's in Environment Engineering
14.	Mr. Darshan Salunke	Pursuing Master of Environment Engineering
15.	Mr. Jagniyant Lunagariya	Pursuing Master of Environment Engineering
16.	Mr. Nisarg Mehta	Selected in Erasmus Scholarship Programme of European Union (EU)
17.	Mr. Elison Macwan	At Australia for further studies



## List of GSDP Courses

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, AVV, Coimbatore (a,d) 4. DoE&F, Itanagar (c,d) 5. DoE&F, Kavaratti (b) 6. FRI, Dehradun (c,d) 7. F&ED, Ranchi (c) 8. HFRI, Shimla (c) 9. IPIRTI, Bengaluru (c) 10. IWST, Bengaluru (d) 11. KSCSTE, TVM (c) 12. RFRI, 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}	CPREEC, 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 Prahari (b) Nature Interpretation (c) Eco-tourism (d) Scuba Diving for marine life conservation # {Class 10th pass}	1. CES, Odisha (c) 2. GBPNIHESD, Almora (b) 3. DoE&F, Kavaratti (d) 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

## Success Stories

Sl. No.	Title of Certificate Course with required Minimum Qualification	ENVIS Hubs/RPs and Institutions/Entities concerned	Prospective Employment Opportunities in
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. RFRI, Jorhat 7. TFRI, Jabalpur 8. F&ED, Ranchi	Self-employment / Nurseries / Botanical Gardens / Master Trainer
9.	Management of Biodiversity Parks {Class 12th Pass}	1. CPREEC, 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 3. EPTRI, Hyderabad 4. GBPNIHESD, 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	1. ICFRE, Dehradun (a) 2. NEHU, Shillong (b)	Facilitation Centres in State Forest

Sl. No.	Title of Certificate Course with required Minimum Qualification	ENVIS Hubs/RPs and Institutions/Entities concerned	Prospective Employment Opportunities in
	{Graduate}		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. CPCB, Delhi 3. EPTRI, Hyderabad 4. IIT-ISM, Dhanbad 5. IITM, Pune 6. MPCB, Aizawl 7. NPCB, Dimapur 8. Puducherry PCC 9. TSPCB, Agartala 10. UEPPCB, 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
	Soil Pollution {Science Graduate/ Diploma in Engg.}	17. NBRI, Lucknow	
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	GRIDSS / BSI / ZSI / FRI / ICFRE / SACON / Zoos / wildlife sanctuaries/ national parks / biosphere reserves / Botanical Gardens/ Bird Sanctuaries/ Nurseries/ wetland sites/WCCB Regional Offices/ State

## Success Stories

Sl. No.	Title of Certificate Course with required Minimum Qualification	ENVIS Hubs/RPs and Institutions/Entities concerned	Prospective Employment Opportunities in
		10. CASMB, Parangipettai, Tamil Nadu 11. CES, Bhubaneswar 12. DoE, Imphal 13. EPTRI, Hyderabad 14. GEC, Gandhinagar 15. HIMCOSTE, 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	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. CPREEC, Chennai 3. CSIR-NEERI, Nagpur 4. DESKU, Nadia, W. Bengal 5. DzUM, Chennai 6. DoE, Tamil Nadu 7. EPTRI, Hyderabad 8. F&ED, Ranchi 9. IIHH, Delhi 10. KSCSTE, TVM 11. NEHU, Shillong 12. TCE, Madurai 13. TFRI, Jabalpur	Municipal Corporations/ Councils

Sl. No.	Title of Certificate Course with required Minimum Qualification	ENVIS Hubs/RPs and Institutions/Entities concerned	Prospective Employment Opportunities in
		14. TSPCB, Agartala	
29.	Laboratory Assistant for Eco-friendly Food testing Laboratory {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 /
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. BSTDC, Patna 4. GCPC, Gandhinagar 5. WII, Dehradun 6. ZSI, Patna	Local bodies / Agencies working on River Ganges / Entrepreneurship


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