



सत्यमेव जयते



GREEN SKILL DEVELOPMENT PROGRAMME (GSDP)

Success Stories - 2018

Certificate Course
on
Pollution Monitoring: Air and
Water Pollution
&
Emission Inventory

Sponsored by
Ministry of Environment,
Forest & Climate Change
Govt. of India



**GREEN SKILL DEVELOPMENT
PROGRAM - 2018**

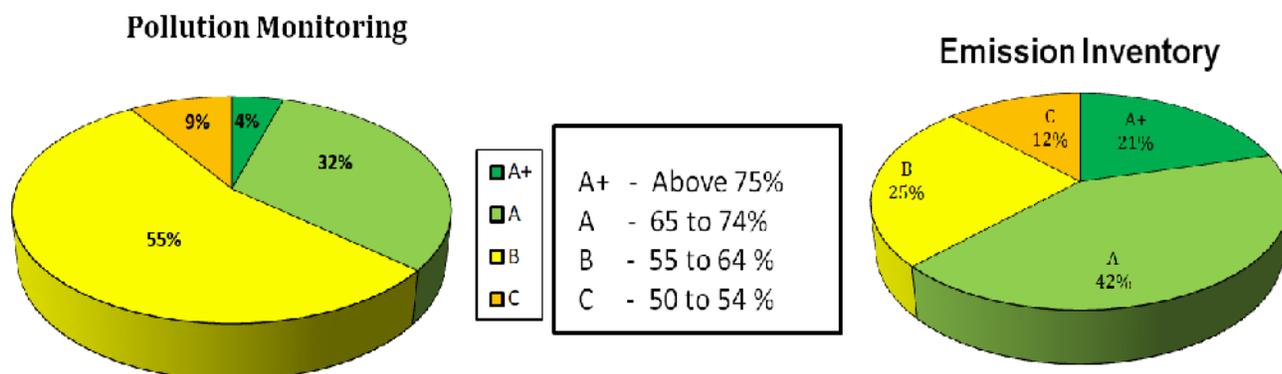
GSDP course at IITM, Pune

Indian Institute of Tropical Meteorology, Pune (IITM, Pune) conducted two courses on 'Emission Inventory' and 'Pollution Monitoring (Air & Water Pollution)' under Government of India's priority project Green Skill Development Program (GSDP) as part of the national wide initiative taken by ENVIS secretariat, MoEF&CC.

There was overwhelming response in both the courses. For both courses, around 370 people applied and after several round of screenings and following the laid down criteria, thirty candidates for each course have been selected for the course. However, 24 candidates for Emission inventory course and 22 candidates for Pollution Monitoring course have finally joined these courses. The Emission Inventory course was the unique course organized only by IITM-ENVIS in India and hence attracted participants from all parts of India. Course structure has been designed in such a way that participants remain engaged and absorbed fruitfully to become champions in all related aspects of their professional carrier. The duration of the courses was 260 hrs (45 days) for Pollution monitoring & 130 hrs (25 days) for Emission inventory. The components of course were centered around the following themes:

- (1) Theoretical Classes
- (2) Practical hand-on Classes
- (3) Filed Experiment
- (4) Data collection exercise
- (5) Presentation by participant to know lecture skill and competition
- (6) Debate and Elocution competition in the topics from course material
- (7) Live models by participants "Best out of Waste" Competition
- (8) Photography and Documentary Competition
- (9) Cultural Program focusing on Environmental Science, Society & Spirituality"
- (10) Skit and Dance competition
- (11) Quiz competition and group discussions

IITM-ENVIS successfully completed the first batch with 100% results of both the courses.



-Few glimpses of the courses –



Inauguration of IITM-GSDP courses and Emission Inventory Manual



Activities during GSDP course: Lectures, Exam Field activities, Laboratory Visits etc.



Various activities conducted during GSDP course



“Swachhata Hi Seva” Campaign: Cleanliness Drive at Pashan Lake, Pune



Valedictory Function: Emission Inventory Program



Valedictory Function of Pollution Monitoring (Air & Water) Program

Participants employed after completion of the courses

As the employment of the GSDP candidates is on the priority from the beginning of the course, IITM-ENVIS team is continuously in touch with potential recruiters & stakeholders. During the courses campus interview has been conducted by IITM for placement. Ten candidates are selected as master trainers from both the batches. Along with this few participants will be involved for the future Emission Inventory projects in various metro cities of IITM.

The details of the employment are given below:



Mr. Dhananjay Bhise

City Co-ordinator Swachh Sarvekshan-2019,
Municipal Council of Sonpeth, District Parbhani, Maharashtra
(Rs.30,000/month)



Mr. Nandkishor Dhumal

Project Assistant II, CSIR-NEERI, Nagpur
Rs. 25,000/month+ HRA



Mr. Siddesh Kalambe

Skylab Analytical Laboratory, Mumbai
12000/month



Mr. Ishwar Borwake

Terranero Pvt. Ltd., Mumbai
18,000 /Month



Mr. Mithil Gunbharit

M/s. Mithilesh Real Estate Consultants
Rs.10,000/month



Mr. Dattatray T. Bhosle
Terranero Pvt. Ltd., Mumbai
Rs. 16,000/month



Mr. Vikram Barde
Terranero Pvt. Ltd., Mumbai
Rs. 14,000/month

Success Stories of GSDP candidates of first batch of both courses of IITM, Pune



Mr. Ishwar Borawke:

I got job offer from Terranero Pvt. Ltd., Mumbai and I joined there as Project Executive in Solid Waste Awareness Program for Municipal council, also the skills which I have learned in GSDP like GIS and many more, now many of them I am using here.

“The best part of GSDP was, lectures were conducted by subject area experts and scientists. The knowledge that I gained during this course will definitely help me to get ahead in my career.”

Mr. Milind Khaire:

I Milind Khaire completed 1st batch GSDP, Air and Water pollution monitoring course at IITM, Pune. It was motivating experience to me. As a result I have planted 350 nos Bamboo on one acre at my farm. Bamboo plant is stronger and also holds more water and soil. Bamboo can replace plastic @70%, Like way we can growth farmers income and save Nature.

To avoid pollution I am in planning of making solar mini tractor.



Mr. Ajit Kolaskar:

GSDP was knowledgeable experience which gave lot of positive energy to work towards conservation of mother earth. I always used to participate in various environmental activities at our company and at Kolhapur but now I can also educate people with the knowledge gained in GSDP. I had participated in "Green Kolhapur cycle rally" and decorated my cycle with leafs & flowers to spread the message effectively. I also leading member of the organizing committee to observe "National Energy Conservation Week - 14th to 20th Dec. 2018"



लोकमत

'ग्रीन कोल्हापूर'चा संकल्प

अबालवृद्धांचा सहभाग ; 'लोकमत'चा पर्यावरणपूरक उपक्रम

लोकमत न्यूज नेटवर्क

कोल्हापूर : सकाळच्या आल्हादायक वातावरणात उगवत्या सूर्यनारायणाच्या साक्षीने कोल्हापूरकरांनी 'सायकल राईड'च्या माध्यमातून शहर कचरा आणि प्रदूषणमुक्त करण्याची साद रविवारी घातली. 'लोकमत'च्या 'ग्रीन कोल्हापूर सायकल राईड' या पर्यावरणपूरक उपक्रमाला उर्दंड प्रतिसाद लाभला.

बोचऱ्या थंडीतही पहाटे पाच वाजल्यापासून कोल्हापूरकर सायकली घेऊन 'हॉटेल सयाजी'मध्ये येऊ लागले. तासभरातच राईड सुरु होण्याचे ठिकाण गर्दीने भरून गेले.



सायकलपटू अजितकुमार कोळ्स्कर आपल्या सायकलला विविध फुले, पाम ट्रीच्या पानांनी असे सजवून सहभागी झाले होते.

शहरातील विविध मार्गावरून आपापल्या ग्रुपसह, तर शालेय विद्यार्थी, लहान मले आपल्या

पालकांसमवेत आले होते. त्यांच्यामध्ये उत्साह होता. तुतारीचा निनाद, झांजपथकाचा दणदणाट, हिंदी-इंग्रजी गीतांची धून अशा जल्लोषी वातावरणात सायकलपटूंचे स्वागत करण्यात आले. सायकल फ्लॅग, बिब नंबर घेऊन आबालवृद्ध सायकलपटू राईड सुरु होण्याच्या ठिकाणी येऊन थांबले.

प्रत्येकाच्या चेहऱ्यावर सळसळता उत्साह, आत्मविश्वास दिसून येत होता. सायकलमधील हवा, ब्रेकची तपासणी करून ते राईडसाठी सज्ज झाले होते. हॉटेलमधील 'साज लॉन'वरील झुंबा वर्कआऊट सेशन झाल्यानंतर प्रमुख उपस्थितांनी फ्लॅग ऑफ करताच (पान ४ वर)

Mr. Vikram Barde:

I am Vikram Dattatray Barade, participant from “Pollution Monitors: Air and Water Pollution” under GSDP program. I have completed this course and after this course I opened my own Film studio. I made films related to environment and on some social issues. Important thing is that this course had given me new vision & ideas for my future films. During this course I noticed many environment and social issues on which I can direct my upcoming films.



Thanks a lot to IITM -ENVIS team for supporting me and encourage my Passion.

Here are links of my documentaries-

<https://youtu.be/9ZSXxunooYY>

<https://youtu.be/QAmjjiNq3XA>

Feedback of the GSDP candidates

Here are few feedbacks of the GSDP Participants from both the batches

Mr. Bhagyesh Bhosale: “In GSDP course, we come to know the Air Quality Index (AQI), importance of AQI, monitoring techniques of Air Quality, Health effects of air pollutants on infants to adults etc. I enjoyed a lot & learn many things during various activities such as cultural program, group discussion, 3D model presentation, debate competition, quiz, tour visits. In this way GSDP had made a positive impact on my life and I will spread this awareness through various programs in Housing society meetings, school level, participating in environmental conservation programs, etc. In near future I also have planned to develop solid waste management systems, automation technology in air quality monitoring and measurement”

Mr. Rajesh Ghuge: “It equipped me to build Emission Inventory for my city. The most significant part of course was use of GIS software in development of emission inventory. I learnt about spatial analysis, overlay, modelling etc. want to learn more about it. It was amazing experience for me to learn about GIS and its applications. As a human being, it gave me immense satisfaction that I can really do constructive contribution to save the environment besides planting the trees for our planet. In short I can say it made me feel more responsible human being who can do his part in sustainable development for better future”

Mrs. Archana Vaishnav: In GSDP course I have learn so many things like, what is Emission Inventory, its approaches, its applications, its limitations. Also I have collected primary data from various surveys’.

In this course I have learn GIS software. We can convert Geographical Information in to the information system using GIS tool and GIS arcmap. Also our group has done the 3D model on land pollution. My personality also gets developed by participating in Debate session, Group discussion, Quiz contest and also because of the cultural activity. I am very much thankful to the IITM PUNE to give me this great opportunity to work in this field. In future I would like to work and grown up in this field

Ms. Nikita Sharma: “As we all as a trainee started the course it was very new for us, like some of us never heard the word what EI stands for. But we came here just to do something for our mother earth in some other way. Nobody did this course before, though it was interesting; the lecture, laboratory facility and library hours all are just up to the mark of the prestige of IITM. The accommodation facility provided by the IITM for the outstation candidates were commendable.”

Mr. Anil Alhat: “Through this course, I did not only learn environmental aspects but I have also improved my communication skills. I am very much thankful to by MOEF & CC & ENVIS-IITM, Pune for giving me this opportunity.



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