

## GREEN SKILL DEVELOPMENT PROGRAMME - GSDP

### Waste Optimization Professional

Why to Choose the Waste Optimization Professional Course?

This course addresses the growing need for waste management professionals, driven by increasing global emphasis on sustainability. By completing this course, participants will acquire the expertise needed to tackle waste-related challenges in various industries, ensuring optimal resource use and minimal environmental impact.

#### Course Topics

- Basics of waste mgmt
- Chara. of Solid Waste
- Waste logistics
- Sorting techniques
- Organic waste recovery
- Waste to Energy
- Safe disposal methods
- Waste and Climate Change
- Strategy Development
- Circular Economy
- Plastic Waste Management
- E-Waste Management
- Cons. & Demolition Waste
- Bio-Medical Waste Mgmt
- GIS in waste management
- Employability Skills

#### COURSE DURATION AND STRUCTURE

**DURATION:** 570 HOURS  
**BATCH SIZE:** MAX. 20 PARTICIPANTS PER BATCH  
**MODE:** OFFLINE  
**LOCATION:** TCE EIACP PC-RP, TCE, MADURAI  
**TIMINGS:** 09:00 AM TO 05:00 PM

#### IMPORTANT DATES

**REGISTRATION OPENS:** 16.10.2024  
**REGISTRATION CLOSES:** 24.10.2024  
**INTERVIEW DATE:** 24.10.2024 TO 26.10.2024  
**BATCH 1**  
**START DATE:** 11.11.2024  
**BATCH 2**  
**START DATE:** 02.12.2024

GREEN SKILL DEVELOPMENT PROGRAMME

**GSDP** Certificate course on  
WASTE OPTIMIZATION PROFESSIONAL

## GDSP General GUIDELINES

### How to Apply



Scan QR.

**Visit:**  
[www.tce.edu](http://www.tce.edu) or [www.tceeiACP.in](http://www.tceeiACP.in)  
**Fill Out:**  
Online Application Form  
**Google Form Link:**  
<https://forms.gle/E5X5pCJ3ceZNHn4H8>

### Eligibility

Candidates must meet any one of the following criteria:

- 4-year UG degree + 1 year of experience
- 3-year UG degree + 2 years of experience
- 12 + 2-year diploma + 3 years of experience
- Previous relevant qualification of NSQF Level 5.5 + 1.5 years of experience
- Previous relevant qualification of NSQF Level 5 + 3 years of experience.

### Certification

This course is accredited by NCVET under the National Skill Qualification Framework (NSQF), ensuring quality and recognition nationwide.

### Selection of Candidates

The Screening Committee will screen all the applications, and shortlisted candidates will be called for an interview either in offline/online mode.

### Evaluation and Assessment

The candidate will be assessed and evaluated based on their performance in both written and partial examinations. Certificates will be issued to trainees only after the successful completion of the course.

Course Venue : TCE EIACP PC-RP, TCE, MADURAI

### CONTACT US

TCE EIACP PC-RP, Thiagarajar College of Engineering, Thiruparankundram, Madurai.  
Phone: +91 94424 19316 Email: [deaneca@tce.edu](mailto:deaneca@tce.edu) Website: [www.tceeiACP.in](http://www.tceeiACP.in)



**Thiagarajar** 67 YEARS 1957-2024  
College of Engineering  
where quality and ethics matter

## Department of Chemistry

### TCE EIACP PC-RP

EIACP Resource Partner for Plastic Waste Management under the Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India



**GSDP** GREEN SKILL DEVELOPMENT PROGRAMME

Join Now

## Certificate Course in Waste Optimization Professional

\*NSQF Level 6 Certification \*Approved by NCVET

### About TCE

Founded in 1957, Thiagarajar College of Engineering (TCE) is a premier institution located in Madurai, Tamil Nadu. Known for its academic excellence and innovative approach to education, TCE offers undergraduate, postgraduate, and doctoral programs across various engineering disciplines. The institution is affiliated with Anna University and is accredited by the NBA and A++ by the NAAC.

### About TCE EIACP PC-RP

The Thiagarajar College of Engineering Environmental Information, Awareness, Capacity Building and Livelihood Programme, Programme Centre - Resource Partner (TCE EIACP PC-RP) is a dedicated centre committed to plastic waste management under the Environmental Information Awareness Capacity Building and Livelihood Programme (EIACP) of the Ministry of Environment, Forest, and Climate Change (MoEF&CC), Government of India. Established in 2018, the centre has become a key player in advancing sustainable solutions for plastic waste through research, capacity building, and awareness generation.

The centre is coordinated by Dr. R. Vasudevan, Padma Shri Awardee, who is celebrated for his pioneering contributions to plastic waste management. He continues to drive research and innovation at the centre, fostering sustainable solutions for India and beyond.



Padma Shri Award

## About GSDP

The Green Skill Development Programme (GSDP) was launched by the Ministry of Environment, Forest and Climate Change (MoEF&CC) in June 2017 as a response to skill gaps in the environmental sector. Initially implemented as a pilot in 10 locations across 9 biogeographic regions, the GSDP has expanded nationally, providing training in crucial areas such as pollution monitoring, waste management, and biodiversity conservation.

The program aims to equip youth with the necessary skills to enable them to be gainfully employed or self-employed in environmentally sustainable practices. GSDP focuses on hands-on training to enhance the technical knowledge and skills of the workforce, ensuring that participants can effectively contribute to addressing environmental challenges.

Courses under the GSDP are aligned with the National Skill Qualification Framework (NSQF) and are approved by the National Council for Vocational Education and Training (NCVET). This accreditation guarantees that the courses meet national standards for quality and relevance, enabling participants to gain recognized certifications that enhance their employability in the green job market.

GSDP caters to a diverse audience, including college dropouts, budding entrepreneurs, and working professionals across various sectors. Special emphasis is placed on including marginalized communities, especially in the northeastern regions of India.

Through its comprehensive training programs, GSDP not only aims to develop individual skills but also to promote sustainable development across industries, contributing significantly to India's commitment to environmental sustainability and responsible resource management.

### OUR SUCCESS SO FAR: PREVIOUS BATCHES AND ACHIEVEMENTS

SINCE ITS INCEPTION, THE WASTE OPTIMIZATION PROFESSIONAL COURSE AT TCE EIACP PC-RP HAS SUCCESSFULLY CONDUCTED FOUR BATCHES OF TRAINING, EQUIPPING OVER 70 PARTICIPANTS WITH THE SKILLS AND KNOWLEDGE NEEDED TO EXCEL IN THE FIELD OF WASTE MANAGEMENT. OUR PROGRAM FOCUSES ON HANDS-ON LEARNING AND PRACTICAL EXPERIENCE, WHICH HAS RESULTED IN REMARKABLE OUTCOMES.



**High Placement Rate:** Over 75% of our graduates have secured positions in reputed organizations within the waste management and environmental sectors.

**Entrepreneurial Success:** Many of our alumni have gone on to start their own eco-friendly ventures, contributing to sustainable development through waste management solutions.

**Industry Collaboration:** We maintain strong ties with industries and government bodies, ensuring that our graduates have access to opportunities for internships, project work, and full-time positions.

**Career Growth:** Our trainees have progressed to roles such as Waste Management Consultants, Sustainability Officers, and Environmental Engineers, with several receiving promotions due to their enhanced skills in sustainability practices.

### Organizing Committee

#### Chief Patron

**Mr. K. Hari Thiagarajan**  
Chairman and Correspondent  
Thiagarajar College of Engineering

#### Patron

**Dr. L. Ashok Kumar**  
Principal  
Thiagarajar College of Engineering

#### Coordinators

**Dr. R. Vasudevan**  
Padmashri Awardee  
TCE EIACP PC-RP - Coordinator  
Professor, Chemistry, TCE

**Dr. A. Ramalinga Chandra Sekar**  
TCE EIACP PC-RP - Co Coordinator  
Assistant Professor, Chemistry, TCE

#### Co Coordinators

**Dr. B. Sundarakannan**  
Program Officer  
TCE EIACP PC-RP, TCE

**Mr. M. Chanderkumar**  
Information Officer  
TCE EIACP PC-RP, TCE