

# *Environment, Health & Safety (EHS) Compliance Professional Program*



**Nano Science & Technology Consortium**

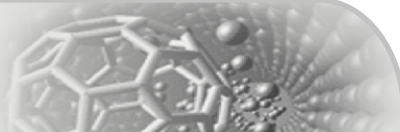
(Consultancy . Research . Outsourcing . Technology)

[www.nstc.in/programs](http://www.nstc.in/programs)



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Prospectus



## **NSTC: An Overview**

NSTC is a non-governmental body, which came into existence in the year 2005. It aims to provide services that lead to awareness creation, research and development, consultancy, collaborations, technology transfer and commercialization of budding Nano-based technologies. With over 250 corporate and industrial members, NSTC has positioned itself as a unique and dependable resource for providing quality Nanotechnology- related knowledge through trainings.

Advances in science and technology have lead to increased industrialization giving rise to numerous Health, Safety and Environmental related issues. Looking at the concerns of corporates dealing in high technological areas vis-à-vis the safety of their employees while handling such products; NSTC has designed a specialized EHS program which covers not only just nanotechnology related health and environmental hazards but also covers areas pertaining to implementation of standard environmental, health and safety procedures in all industries where the products, materials and effluents can lead to a negative impact on the health and environmental issues.

## **What is Environment, Health & Safety (EHS)?**

Environment, Health & Safety constitutes an interdisciplinary field that focuses on preventing occupational illnesses and injuries. The scope of health and safety includes protection of the worker's social, psychological as well as physical well-being.

Environment, Health & Safety professional is a position in corporate and government agencies dealing in high technological areas, who is responsible for creating a healthy and safe environment for all employees.

### **Program Overview**

Environment, Health & Safety (EHS) Compliance is an important and integral discipline that responds to the need for providing a safe and healthy working environment for Industrial workers and also gives directions for maintaining and improving environmental, health and safety issues at national and international levels.

Certified *Environment, Health & Safety (EHS) Compliance professional program* prepares candidates to help organizations to achieve their goals towards EHS compliance and ensure know-how of practical implementations of Environment, Health & Safety (EHS) Compliance at various levels.

### **Program Aim**

The innovative program in **Environment, Health & Safety (EHS) Compliance** aims to give participants a thorough grounding in the skills necessary for a sound career as EHS professional using effective practices to implement various safety-related measures.

The program covers various areas, technologies, policies & principles required for robust EHS compliance. The theoretical concepts are supported by project work and ensure that the program participants acquire a wide range of technical skills and develop a

clear appreciation of the relevance of the subject to workers and industrial needs.

*“Virtually every responsible corporation is diligently searching for the formula that will provide financial success with no negative EHS consequences. Basic corporation mantra virtually always includes a statement of corporate vision that provides the corporation will ensure its activities protect the environment, the health and safety of its employees, its customers and the public in general. These statements have become so routine that they are a given. But, how they are implemented varies from company to company.”*

## **Program Outcome**

Successful participants can find suitable openings in Environment, Health & Safety (EHS) Compliance-seeking industries as well as in more traditional industries looking for robust EHS systems and compliance. Program participants will get an overall knowledge of Environment, Health & Safety legalization. The program will cover the following points.

- A detailed overview regarding the practical applications of Environment, Health and Safety Management systems and useful tools.
- Detailed implementation-oriented knowledge of Environment, Health & Safety management systems
- Knowledge of documented management systems to control Environment, Health & Safety.
- Ability to assess Environment, Health & Safety factors at the workplace.

- Knowledge of various Safety, Fire & Rescue Equipments.
- Knowledge of all kind of personal protective equipments and other safety & EHS equipments.
- Preparation of program participants by imparting knowledge, considered as a compulsory pre-requisite prior for attending interviews with national or multinational companies.

### **Course Structure**

**Module 1:** Introduction to Environment, Health and Safety

**Module 2:** Survey of Environment, Health & Safety Risk

**Module 3:** Risk Assessment of Environment, Health & Safety

**Module 4:** Managing Risk Assessment

**Module 5:** Safety Management

**Module 6:** Environment, Health and Safety Policies and Procedures

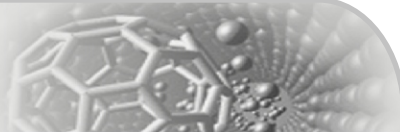
**Module 7:** Environment, Health and Safety Audit

**Module 8:** First Aid Awareness and Emergency Situations

**Module 9:** ISO 14001 & OHSAS 18001

**Module 10:** Legal Compliances related to Environment, Health & Safety (EHS)

**The course consists of a mixture of LMS-based classroom sessions and exercises and distance**



**learning methodologies using books and project work.**

## **Program Delivery Procedure**

*Environment, Health & Safety (EHS) Compliance Professional Program*-Distance Participation has a unique delivery methodology. The program delivery is through regular dispatch of training kit (study material), eLearning user id & password. Program support is provided through chat/e-mail / telephone /web portal.

## **Participant's Role**

- Submission of complete application form and necessary program fee in the form of demand draft drawn in favor of "**Nano Science and Technology and Consortium**" payable at **Delhi/New Delhi** to the organization
- Participate on web portal activities on <http://nstc.celnet.in>, receive internet based support.
- Submission of Mid Term Assignments, Final Online Exam and Project work.

## **NSTC's Role**

- Ensuring that learning material and confirmation letter are dispatched to the participant within 10 days after receiving the application form and program fee.
- Guidance & support
- Evaluation of submissions
- Award of statement of marks
- Award of certificate

## Fee Structure and Payment Norms:

Fee Details <sup>#</sup>	Indian Students	Overseas Students
Program Fee <sup>*</sup>	Rs. 10,000/-	US\$ 600
Registration fee	Rs. 300/-	US\$ 50
<b>Total Fee</b>	<b>Rs. 10,300/-</b>	<b>US\$ 650</b>

<sup>#</sup>Fee includes Books, LMS, Certification and Examination Fee.

<sup>\*</sup> Fee inclusive of 10.3% Service Tax

The program fee should be sent along with duly completed application form. The fee can be paid through the following modes.

### A. Demand Draft/Cheque:

A demand draft/ at par cheque, issued in favor of **“Nano Science and Technology Consortium”** payable at **“Delhi/ New Delhi”**.

### B. Online Payments:

Online payments can be made through **RTGS** in favour of **“Nano Science and Technology Consortium”** **Account Number: 03942000001328**, **at HDFC Bank, Sector 62, NOIDA.**

**RTGS/NEFT IFSC: HDFC 0000 394.**

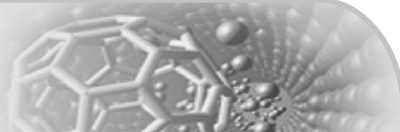
### C. Cash Payment:

For cash payments visit your nearest HDFC bank and deposit the cash amount in the **HDFC account (03942000001328)** in favour of **“Nano Science and Technology Consortium”**.

Please do inform our representative at the following numbers

**+91-120- 4781217, 216** or **+91- 9818206463** after **making online/cash payments.**

Also mail the complete details to **info@nstc.in** after making the payment.



## Scholarship (Fee waiver)

1. Women Candidates - 10% fee waiver
2. Group Scholarship **(a)** three and above - 20% **(b)** Five and above - 30% **(c)** ten and above - 40% ( single DD payment)
3. Academic Scholarships: Based on marks in last board/university exam passed, as given below

Scholarship*	Eligibility
10% fee waiver	60% - 70% marks in last board/univ. certification
15% fee waiver	71% - 80% marks in last board/univ. certification
20% fee waiver	81% - 90% marks in last board/univ. certification
25% fee waiver	More than 90% marks in last board/univ. certification

\* (Check scholarship conditions on [www.nstc.in/programs](http://www.nstc.in/programs))

## Admission Procedure

Aspirants who wish to apply for the **Environment, Health & Safety (EHS) Compliance program** can do so as follows:

- 1) Fill in the enclosed application form or download the free application form from [www.nstc.in/programs](http://www.nstc.in/programs).
- 2) Send the completed application form and DD/Cheque to:

**Program Co-ordinator (EHS Program)**  
**Nano Science and Technology Consortium**  
**A-105, Third Floor, Sector-63**  
**Noida-201301, U.P, India**  
**Contacts: 0120-4781216/4781217, 09818206463**

### **Certification**

Participants are awarded a certificate and statement of marks after the completion of the program. Participants must complete the program in the specified time. Failing to meet this timeline requires a re-registration as per the norms specified in the NSTC website.

### **Changing Registration Information**

Intimation regarding any change in information provided to NSTC at the time of registration e.g. residential address or phone number will only be considered valid if sent in hard-copy by post. No other mode of communication will be accepted.

### **Note**

NSTC reserves the right to change the commencement/ conclusion dates of the program, with or without notice to the participants. NSTC strives to make the kit (study material) available to the participants in time, however, in the exceptional event of any delay from NSTC's side (not the delay on account of postal/ courier agencies), in providing the study material, the participant will be compensated with an extended timeline accordingly.

The Director NSTC is the final authority in all matters pertaining to this program.

**Over 2,000 participants have already completed NSTC's programs**

## **NSTC's Past Program Participant Affiliations**

- ▶ Accenture
- ▶ AIIMS
- ▶ Alagappa University
- ▶ Aligarh Muslim University
- ▶ Amrita Institute of Medical Sciences
- ▶ Anna University
- ▶ Apollo Hospital
- ▶ Ashok Leyland
- ▶ BARC
- ▶ Bharat Earth Movers Ltd.
- ▶ Bharat Electronics
- ▶ BHEL
- ▶ Biocon Ltd.
- ▶ BSNL
- ▶ Central Forensic Science Laboratory
- ▶ Cognizant Technologies
- ▶ Covansys
- ▶ Deloitte Consulting
- ▶ Department of Atomic Energy
- ▶ Dr. Reddys Lab
- ▶ DRDO
- ▶ Excel Hitech India Enterprises
- ▶ Grasim Industries Ltd.
- ▶ HCL Technologies Ltd.
- ▶ Hewlett Packard
- ▶ Hindustan Lever
- ▶ Hindustan Petroleum
- ▶ Honeywell Technology Solutions
- ▶ IIT Delhi
- ▶ IIT Guwahati
- ▶ Indian Agriculture Research Institute
- ▶ Indian Air Force
- ▶ Indian Army
- ▶ Indian Institute of Science
- ▶ Indian Navy
- ▶ Indian Oil Corporation Ltd.
- ▶ Infosys Technologies Ltd.
- ▶ ISRO
- ▶ Johnson & Johnson
- ▶ Larsen & Toubro
- ▶ Mahindra & Mahindra Ltd.
- ▶ Manipal Institute of Technology
- ▶ MRF Ltd
- ▶ NALCO Ltd.
- ▶ National Aerospace Laboratories
- ▶ National Metallurgical Laboratory
- ▶ National Physical Laboratory
- ▶ ONGC Ltd.
- ▶ Pfizer Ltd.
- ▶ Polaris Software Labs Ltd.
- ▶ Reliance Energy Ltd.
- ▶ Robert Bosch India
- ▶ SAIL
- ▶ SAP Labs
- ▶ Siemens
- ▶ SRL Ranbaxy Ltd.
- ▶ Sterlite
- ▶ Satyam Computers
- ▶ Syntel Inc. India Ltd.
- ▶ Tata Consultancy Services Ltd.
- ▶ TATA Research Development and Design Centre
- ▶ Tata Steel
- ▶ TB Research Centre, ICME
- ▶ Tech Mahindra Ltd.
- ▶ Unichem Labs Ltd.
- ▶ Vellore Institute of Technology
- ▶ Vikram Sarabhai Space Center
- ▶ Wipro Technologies



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# Nano Science and Technology Consortium

A-105, Level III, Sector 63, Noida, UP,

INDIA 201 301

## APPLICATION FORM

### Environment, Health & Safety (EHS) Compliance Professional Program

#### Distance Participation Program With e-Learning Program Management

Form No: .....

Affix your latest  
passport size  
photograph duly  
signed by you

(for office use only)

Enrolment No.

1. Name (Mr./Ms.) \_\_\_\_\_

First Middle Last

2. Father's Name \_\_\_\_\_

3. Organization's Name \_\_\_\_\_

4. Postal Address (Capital Letters Only) \_\_\_\_\_

\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Pin Code:

Phone No. with STD Code: \_\_\_\_\_ Date of Birth   
DD MM YYYY

Mobile No: \_\_\_\_\_ Email: \_\_\_\_\_

#### 5. Academic Qualification:

Examination	Board/University	Year of Passing	% of Marks
Intermediate			
Graduation			
Post Graduation			
Any other			

**6. Experience:**

Present company (Name & Address )	Designation	Total Experience	Present Responsibility

7. (a) **Nationality:** \_\_\_\_\_ (b) **Country of Residence:** \_\_\_\_\_

8. General information ( ✓ ) mark only relevant column

**SEX**

Male

Female

9. Payment Details:

a. Amount Paid \_\_\_\_\_ b. Date \_\_\_\_\_

c. Mode of Payment:

(i) DD/ Cheque No. \_\_\_\_\_ Bank Name \_\_\_\_\_

(ii) Online Payment (RTGS No.) \_\_\_\_\_ Bank \_\_\_\_\_

(iii) Cash Payments \_\_\_\_\_

Please attach relevant documents for support.

10. Documents to be attached with application form:

i) Total Program Fee draft at the time of submitting application form

ii) Testimonials & Photographs

**Note:** NSTC accepts payable at par cheques only, other cheques are not acceptable.

**Important Information**

The program in which you are seeking participation, is NSTC's independent knowledge enhancement training program. The program neither promises any job guarantee nor provides any specific eligibility to pursue higher studies. In case of any dispute, it would have to be resolved through arbitration, under Arbitration and Conciliation Act 1996, by the sole arbitrator appointed by the NSTC, Noida. The jurisdiction of the same will be the Court of the District Gautam Buddha Nagar, Noida, India only.

**Date:**

**Place:**

**Signature of Candidate**

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**Nano Science and Technology Consortium**

A-105, Level III, Sector-63, Noida, UP (INDIA), 201301

Tel: 0120- 4781216/217

Mob: 09818206463

Website: www.nstc.in

E-mail: info@nstc.in