

# BOHS Internationally Recognised Certificate Course (Live online)

## M 507 - Health Effects of Hazardous Substances, April 12-20, 2024

Online Exam - BOHS Format

Awards 40 IH credit hours - Accepted by BGC towards CIH application



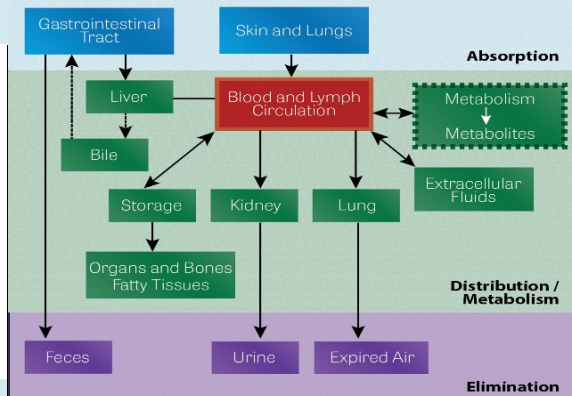
|   |
|---|
| Basic Principles of Toxicology                |
| Physiology and Target Organs                  |
| Epidemiology                                  |
| Industrial Processes and Hazardous Substances |
| Health Effects and Industry Profiles          |

Offered By  
**RECOH EHS Services LLP**  
  
 nayati International

### Salient Features of the course

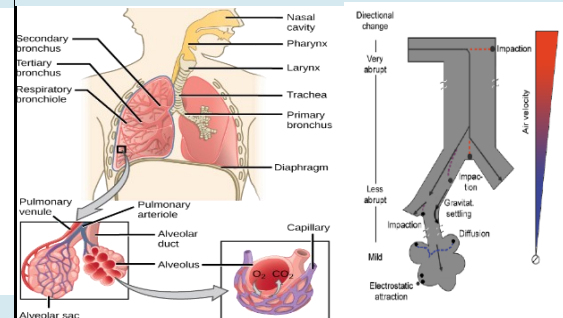
#### Basic Principles of Toxicology and Toxicokinetics

- Definitions and Basic Pharmacokinetics
- Dose Response Relationships, Slope of Curve
- Toxicity Testing, LD<sub>50</sub>, LC<sub>50</sub>, TD<sub>50</sub>, TC<sub>50</sub>, etc
- Toxic effects - Combined and General
- Carcinogens -Mechanisms, IARC classifications
- Sensitizers - Mechanisms and assessment
- Reproductive Effects



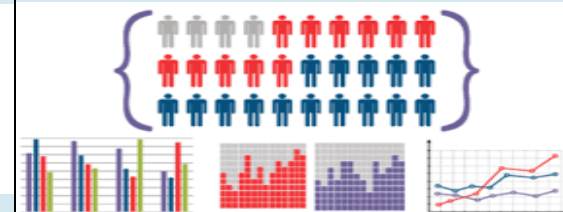
#### Physiology and Target Organs

- Basic Human Biology and Target Organs
- Respiratory system, Particle Deposition, gases
- Lung as Target Organ, Allergic conditions
- Skin and Nervous systems as target organs
- Circulatory system and liver as target organs
- Kidney and Reproductive Systems



#### Basics of Epidemiology

- Types of Epidemiological Studies
- Study Designs and importance
- Definitions, cohort design, mortality morbidity ratios etc
- Use of Epidemiological data and limitations



#### Health Effects and Industry Processes

- Risk and Safety Phrases, Sources of Information
- Hazardous substances illustrating various Health effects
- Selected examples of Gases, solvents and Vapours and health effects
- Minerals, dusts, particulate materials
- Metals and their Compounds
- Common Industrial Processes
- Specific Industry Profiles like Mining, Pharma, Petroleum Industries



Register [CLICK TO REGISTER](#)

Contact

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# ON LINE TRAINING

## BOHS - Internationally Recognized Certificate Courses

Awards 40 IH credit hours - Accepted by BGC towards CIH application

### Course Name **M 507 - Health Effects of Hazardous Substances**

### Online Training Date & Time

**April 12-20, 2024; 6:30 PM to 11 PM, IST**

### Practical Sessions and Online Examination

**Online Exam on Friday April 19, 2024; 4 PM -IST**

Live online practical sessions as per BOHS guidelines

Exams will be conducted online as per BOHS guidelines

### Course fee

₹ 32,000 per module per person

### Course fee inclusion

Online training

BOHS Exam fee

Online practical training and assessment

Online exam

### Last Registration Date

**April 4, 2012**

**Maximum Capacity**

18 participants

### Course Registration link

[CLICK TO REGISTER](#)

### Online training platform

Microsoft teams

### Course Completion Condition

Attend online theory, practical training and assessment

Give BOHS exam online & pass exam as evaluated by BOHS

### Faculty



Shrenik Ranpura, CIH, CSP  
Global EHS Leader  
RECOH EHS Services LLP



Lalitha Burra, Ph.D., CIH  
Director  
nayati International, India

### Payment Details

Please call for details. (M: +91 9959605980)

### Additional Details

While all efforts will be made to conduct the course as scheduled, organizers can cancel or reschedule the course under unforeseen circumstances. If course is cancelled, fee paid will be refunded.

### Course is offered by



### Online BOHS Modules offered

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> M 201 Basic Principles in OH                 | <input checked="" type="checkbox"/> M 501-Measurement of Hazardous Substances |
| <input checked="" type="checkbox"/> M 502 - Thermal Environments                 | <input checked="" type="checkbox"/> M 503-Noise Measurement and its Effects   |
| <input checked="" type="checkbox"/> M 505 Control of Hazardous Substances        | <input checked="" type="checkbox"/> M506 Ergonomic essentials                 |
| <input checked="" type="checkbox"/> M 507 Health Effects of Hazardous Substances |   |

### Upcoming BOHS Modules

**Please see page below for proposed course schedule for 2024**

Please email to below address if you have any specific requests or suggestions  
[services@nayati.org](mailto:services@nayati.org)

### Insight from Attended Participants

Your practical experience on subject and example sharing during session made this technical subject easy to understand - Thank you

Never thought that online practical will be so interesting covering 360 degree view of equipment operation and applicability

Very professionally organized - timely receiving of handout, PPT, agenda, overnight questions, mock exam and paying attention to each query.

**BOHS – ON LINE TRAINING**  
**Internationally Recognized Occupational Hygiene Certificate Courses**

**Proposed Course Schedule for 2024**

**BOHS Module**

**Schedule\***

**M 503: Noise - Measurement and its effects**

**June 14 - 22, 2024**

**M 505: Control of Hazardous Substances**

**August 2 - 10, 2024**

**M 506: Ergonomics Essentials**

**October 11 - 19, 2024**

**M 502: Thermal Environments**

**December 6 - 14, 2024**

\* Schedule: While we will make all efforts to conform to the schedule, there may be a possibility of revising or rescheduling if necessary or under unforeseen circumstances.