

# PROCESS SAFETY & ENGINEERING



RAISE YOUR CAREER WITH GLOBALLY ACCLAIMED INSTITUTE



Global Institute Of Health Science<sup>™</sup>

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# PROCESS SAFETY & ENGINEERING

Global Institute of Health Science is a pioneer in health science education especially in distance & online education. Global Institute of Health Science is an ISO 21001:2018 Certified health science Institute & globally acclaimed, also certified with copyright approval from IPR Government of INDIA. GIHS have international certification from UASL UK for Quality Control Management System.

## WHY CHOOSE US

- ✚ BRINGING EXCELLENCE TO HEALTH PROFESSIONALS
- ✚ 10+ YEARS OF EXPERIENCE WITH INTERNATIONAL EXPOSURE
- ✚ INTERNATIONAL ACLAIMED WITH ISO & GOVT APPROVED
- ✚ LIFETIME FREE PERSONALIZED TUTORING FOR SUCCESS

The GIHS program in **Process Safety and Engineering Certification** course covers a wide range of topics to enable participants to confidently manage process safety with quality management.

Process safety management system is an **analytical tool focused on preventing releases** of any substance defined as a “**highly hazardous chemical**” by the EPA or OSHA. **Process Safety Management (PSMS)** refers to a set of interrelated approaches to managing hazards associated with the process industries and is intended to reduce the frequency and severity of incidents resulting from releases of chemicals and other energy sources. These standards are composed of organizational and **operational procedures, design guidance, audit programs**, and a host of other methods. To meet such needs of industries, the subject of safety has attained significant importance. Any neglect in these aspects can prove very costly. GIHS is very professional in developing the candidates as per industry best requirement.



# SYLLABUS

- Safety, health and environment management systems
- Occupational health and safety management systems as per ohsas – 18001 standard and OSHA
- Overview of industry safety management
- Organization, administration and management responsibility in the field of safety
- An overview of risk analysis and risk management
- Risks in chemical plants
- Risks and hazards management in plants
- Fuels fire-its management; hazardous risks from some processes and industries and their control
- Explosives and pyrotechnics
- Nuclear energy and safety management
- Radiation hazards
- Environment and environmental hazards
- Industrial safety analysis
- Process safety management of highly hazardous chemicals
- Guiding principles and rules of safety management to prevent accidents and disasters
- Principles and procedures of safety in laboratories
- Safe handling and storage of chemical
- Industrial wastes handling and managing practices
- Industrial and chemical wastes, characteristics and methods of treatment
- Occupational health and industrial hygiene
- Disaster management
- First aid saves precious life
- Hazardous waste management
- Case studies on accidents and disasters in chemical industries
- EHS Impact Assessment | HSE Management | HIRA
- ISO 14001 & ISO 45001 | OHSAS standards | HAZOCHEM | HAZOP

## ADMISSION PROCEDURE

- Enrollment online: [www.gihsonline.com](http://www.gihsonline.com) / Apply Online
- Online Access for Study Content within 48 Hours of enrollment
- Shipping of books with Latest updates with every enrollment (optional)
- Will Assign Personalized Professional Expert for Lifetime with no COST
- Online exam and Project submission
- Will award and ship two international certificates

## FEES DETAILS (All modes of payment available)

- Post Graduate Diploma Program (One Year) – 32000/- INR & Fees for International Candidates – 699 \$ USD
- Fast Track PG Diploma Program (4 Months) – 36000/- INR & Fees for International Candidates – 750 \$ USD

## STUDY METHODOLOGY

- Freelance method of study
- Read the books
- Make notes of your queries
- Need to mail or contact to our expert
- Experts will resolve... via mail or via call or Can arrange Session based on your queries
- Experts will support for lifetime to raise your knowledge & Expertise
- Our content is totally based on live cases and Industries best practices

## MODE OF EXAMS

- Login Details for online examinations after completion of the duration.
- 7 days to appear in online exams.
- Examination pattern would be Multiple Choice question MCQ
- PowerPoint project of minimum 30 pages of your own selected topic
- Successful Candidates would award with two certifications (DEGREE & TRANSCRIPTIONAL Degree)

## PLACEMENT SUPPORT

Will Share your profile globally for career growth. With the support of GIHS programs more than 2000 professionals are working in healthcare industry and having strong student & professional base in India, UK, USA, Canada, UAE, Russia, Australia and more.



Global Institute Of Health Science

# Certificate

This is to certify that

**VEENA KUMAR**

completed the one year programme of  
Post Graduate Diploma in  
Process Safety & Engineering

offered by

Global Institute of Health Science.

during January 2022 to December 2022

Upon successful completion of the programme

**POST GRADUATE DIPLOMA**

**IN**

**PROCESS SAFETY & ENGINEERING**

is awarded to him/her this day the 26th December 2022.



Cert. ID : 000000000000

Academic Head

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Global Institute Of Health Science

POST GRADUATE DIPLOMA  
IN  
PROCESS SAFETY & ENGINEERING  
(January 2022 to December 2022)

**VEENA KUMAR**  
**GRADE SHEET & TRANSCRIPT**

Safety, health and environment management systems  
OHS management systems as per ohsas – 18001 standard and OSHA  
Overview of industry safety management  
Organization, administration and management responsibility in the field of safety  
An overview of risk analysis and risk management  
Risks in chemical plants | Risks and hazards management in plants  
Fuels fire-its management; hazardous risks from some processes and Control  
Explosives and pyrotechnics | Nuclear energy and safety management  
Radiation hazards | Environment and environmental hazards Industrial safety analysis  
Process safety management of highly hazardous chemicals | ISO 14001 & ISO 45001  
Guiding principles and rules of safety management to prevent accidents and disasters  
Principles and procedures of safety in laboratories | Safe handling and storage of chemical  
Industrial wastes handling and managing practices |HAZO CHEM | HAZOP | OHSAS standards  
Industrial and chemical wastes, characteristics and methods of treatment | HSE Management | HIRA  
Disaster management | First aid saves precious life | Hazardous waste management  
Case studies on accidents and disasters in chemical industries | EHS Impact Assessment

**Examination: 45/50**

**Project Work: 40/50**

**Total: 85/100**  
**GRADE: A+**



ISO 21001:2018



MHRD (Higher Education)  
Reg No: SW - 12032/2018  
CR Act 1957



Academic Head

26/12/2022

Cert. ID :0000000000000

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## GIHS ADVANTAGE

GIHS provides best courses helps to get the start up in the healthcare field. These courses are ad-hoc to professional career and provides the additional benefit to be the part of an organization.

### OTHER PROGRAMS

#### Health Management Programs

• <a href="#">Health Informatics</a>	• <a href="#">Hospital Administration</a>
• <a href="#">Pharma Management</a>	• <a href="#">Hospital Planning &amp; Management</a>
• <a href="#">Healthcare Management</a>	• <a href="#">Nursing Management</a>
• <a href="#">Public Health Administration</a>	• <a href="#">Health Insurance</a>
• <a href="#">Blood Banking Management</a>	• <a href="#">Medico-Legal Systems</a>
• <a href="#">Medical Laboratory Technology</a>	• <a href="#">Medical Radiology Technology</a>
• <a href="#">Quality management for Hospital and healthcare organizations</a>	
• <a href="#">Disaster management for hospitals and healthcare organizations</a>	
• <a href="#">Hospital Infection Control &amp; Patient Safety</a>	

#### Clinical Research Programs

• <a href="#">Clinical Research &amp; Quality Assurance GCP Audits / Inspections</a>	• <a href="#">Pharmacovigilance &amp; Medical/Scientific Writings</a>
• <a href="#">Clinical Research &amp; Pharmacovigilance</a>	• <a href="#">Clinical Data Management &amp; SAS</a>
• <a href="#">Regulatory affairs IPR &amp; Patent</a>	• <a href="#">Clinical Trials Management</a>

#### Allied Medical Programs

• <a href="#">Mother &amp; Child Health</a>	• <a href="#">Mental Health &amp; Addictions</a>
• <a href="#">Nutrition &amp; Dietetics</a>	• <a href="#">Medical Transcription</a>
• <a href="#">Pregnancy Education</a>	• <a href="#">Gynaecology &amp; Obstetrics</a>
• <a href="#">Electroencephalogram (EEG)</a>	• <a href="#">Nuclear Medicine Technology</a>
• <a href="#">Anaesthesia Management</a>	• <a href="#">First AID (CPR/Emergency Care)</a>

#### Environment Health & Safety Programs

• <a href="#">Industrial Health &amp; Hygiene</a>	• <a href="#">Environment Health Safety &amp; RM</a>
• <a href="#">Occupational Health &amp; Safety</a>	• <a href="#">Industrial Safety</a>
• <a href="#">Food Safety &amp; Quality Management</a>	• <a href="#">Oil &amp; Gas Safety Engineering</a>
• <a href="#">Process Safety &amp; Engineering</a>	• <a href="#">Fire &amp; Industrial Safety MGT</a>

#### Ayurveda & Homeopathic Programs

• <a href="#">Panchkarma: Ayurveda</a>	• <a href="#">Garbhsanskar: Ayurveda</a>
• <a href="#">Naturopathy &amp; Yoga</a>	• <a href="#">Siddha: Medicine</a>
• <a href="#">Ksharsutra: Ayurveda</a>	• <a href="#">Classical Homeopathy</a>
• <a href="#">Materia Medica: Homeopathy</a>	• <a href="#">Repertory: Homeopathy</a>

<https://www.youtube.com/@globalinstituteofhealthscience/videos>