



Charutar Vidyamandal's
**INSTITUTE OF SCIENCE & TECHNOLOGY
FOR ADVANCED STUDIES & RESEARCH**

Top 3rd Rank Among All Colleges of Gujarat by KCG (GSIRF)
(Recognized by Section 2(f) & 12(B) of UGC Act by University Grant Commission, New Delhi)
(Accredited "A" Grade by NAAC & KCG)

M.Sc. INDUSTRIAL HYGIENE AND SAFETY

Affiliated to CVM University, Vallabh Vidyanagar, Anand, Gujarat.



SALIENT FEATURES.....

- The IHS programme is offered in collaboration with faculties from the Engineering, Medicine & Science Fields.
- Govt. of Gujarat has notified that the students who possess "Master Degree in Industrial Hygiene and Safety" could be employed as Safety Officers.
- Many IHS degree holder of this programme are confirmed with international certification of Certified Industrial Hygienist and Certified Safety Professional.
- 100% University Results with first class and distinction
- Taught by highly skilled, well-experienced, well-qualified and competent Faculties from Academic & Industrial fields.

Course Contents: M. Sc. INDUSTRIAL HYGIENE AND SAFETY

Semester I

Core Papers

- Introduction to Industrial Hygiene, Occupational Health & Environmental Toxicology
- Safety Management
- Air Sampling Analysis
- Safety Engineering-I
- Practical, Seminar, viva Based on PS01CIHS21 and PS01CIHS23
- Introduction to Human Physiology, Biostatistics and Epidemiology

Semester II

Core Papers

- Industrial Ventilation
- Hazard Identification, Assessment and Control Techniques
- Physical Aspects of the Environment
- Safety in Chemical Industry
- Practical, Seminar and VIVA Based on PS02CIHS21 and PS02CIHS23
- Elective (Any One)
- Industrial Visits and Seminars
- Accident Case Studies

Semester III

Core Papers

- Medical Surveillance and Biological Monitoring
- Hazardous Waste Management
- Principles of Ergonomics
- Safety Engineering- II
- Legislation on Safety & Health Elective (Any One)
- Advanced Safety Management and Engineering Techniques
- Safety in Construction Industry

Semester IV

Core Papers

- Standards on Safety & Health
- Project Work / Dissertation

Eligibility for Admission

A candidate who has passed a B. Sc. OR B.E. from a recognized university will be eligible for admission.



Campus Interview and placement : Almost all students are employed during the 4th Semester of their practical training and dissertation work at the different industries . Previous Years: Reliance Ltd., 3M, L&T, ESSAR Steel Ltd. Surat , ESSAR Power, International Safety System, Industrial Hygiene Services, Jaypee Group, Jubliant Infrastructure Ltd, John Energy, Sustainable EHS, Mylan Pharma, TATA Steel, Linde Engineering, DRL, Dishman Pharma, United Phosphorous Ltd , Genpact Jaipur, Vapi Environtech Ltd.

Employment Opportunities : IHS Students are placed in various industries as a Safety Officer, Industrial Hygienist and Environment Health and Safety Officer. Normally post offered is of Assistant Managers and Safety executive with handsome remuneration.

ADMISSION

FOR NEXT ACADEMIC YEAR WILL START

FROM MAY

I S T A R

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