

**Post-Graduation Diploma in Environment, Health & Safety Management
(PGDEHSM)
(Regular mode)**

OVERVIEW:

The Post-Graduation Diploma in Environment, Health & Safety Management (PGDEHSM) course in JSS Academy of Higher Education and Research (JSSAHER) have important learning outcomes and measurable learning objectives.

The PGDEHSM as a regular professional diploma course and an add-on course will be offering enormous carrier opportunities in industrial sectors, hospitals and related firms. Moreover, PGDEHSM is a good opportunity to the current employees from various industries to update their skills which are necessarily required for the promotion and development in the field of Environment, Health and Industrial Safety. The practical and theoretical insights will be emerged from this professional course with an understanding of how to measure, evaluate, and make decisions about environmental issues. The candidate will have the opportunity to learn sophisticated laboratory techniques and data analysis, such as the utilization of geographical information systems, computer based decision making tools and real time monitoring systems. The programme encourages pursuing student's interests and shaping their ambitions with meaningful opportunities to develop research, or to gain insights from industry leaders in the environmental private sector and non-governmental organizations. Curriculum with international standard that helps candidate to find their potential will increase their career competitiveness. The core mission is to impart knowledge with quality teaching and capacity building with a special focus on the industrial needs. Our vision is to grow into an institution of national importance, with international standing and internationally recognized centre of excellence and research in environmental sciences and management.

Mission & Goals

To develop highly qualified professional manpower the basic requirement lies on systematic quality based coaching and training in Advanced Science and Technologies for Environment, Health, and Safety management. Therefore, the course is designed to train and provide expert human resource to Environment, Health, and Safety management and expected to bring direct benefits to industry and society.

The course is based on following objectives:

1. To develop an expert manpower to handle the complex industrial environment

2. To give knowledge about occupational health, industrial hygiene, accidental prevention techniques to the students.
3. To make the student aware about safety auditing and management systems, pollution prevention techniques etc.
4. To train the students about environmental and safety risk assessment and management.
5. To train the students about environmental policy, industrial safety and occupational health regulation.
6. To train the students about environmental and safety standards and certification such as ISO certification, environmental trading and green innovation, etc.

Appropriateness of Course

This course is intended for professional's practitioners, researchers and students from wide range of backgrounds who aim to develop their knowledge and insights pertaining to the environment management and safety. The course is designed to provide critical and practical skills to analyze, evaluate, design and implement solution and strategies with regards to environment, health and safety management issues at industrial level. The prudent management of environmental health and safety, conservation, and sustainable development are high on the agenda of global concerns.

Structure of programme

Paper Code	Semesters	University Examination			
	Semester I	CIA	Theory/practical Exam	Max. Marks	Total Credits
EHSM-T1	Introduction to Environment, Health and Safety Management	25	75	100	4
EHSM-T2	Occupational Health and Hazards	25	75	100	4
EHSM-P1	Practical I	25	75	100	4
	Industrial Training, Field Visits & Viva-voce		100	100	4
			400		16
Semester II					
EHSM-T3	Safety at Workplace	25	75	100	4
EHSM-T4	Accident Prevention Techniques	25	75	100	4
EHSM-T5	Safety Management System	25	75	100	4
EHSM-P2	Practical II	25	75	100	4
	Internship/Project report viva voce examination		200	200	8
			600		24
Total Credits			1000		40
T- Theory, P-Practical/Project/Training/Internships, CIA- Continuous Internal Assessment					

The Semester Grade Point Average (SGPA) is measured as performance of

work done by the student in a semester. The Cumulative Grade Point Average (CGPA) is measured as cumulative performance of a student in all semesters in the courses taken by the student. The mission of the postgraduate diploma in Environment, Health & Safety management at Department of Water & Health is to promote excellence amongst our postgraduate staff and students through responsive teaching, research and supervision, scholarship and instructional pastoral support.

The main objective of the courses offered is interdisciplinary in nature that enables over all student development and enhanced learning experience. Each course paper provides hands-on- experience that translates theory to practical. The curriculum is supported with field trips, industrial visits, other extension, and extracurricular activities wherever required. The students are encouraged to undergo and acquire scientific knowledge by frequently participating in different subject related workshops, research centers and national/international laboratories, industries, firms, etc with inter and multidisciplinary collaborative organization.

ELIGIBILITY:

- Any Bachelor Degree (B.Sc/B.A/B.Com/BBA/B.E/B.Pharm/MBBS/BDS or equivalent degree) recognized by UGC with any specializations.
- Any Master Degree (M.Sc/M.A/M.Com/MBA/M.E/M.Pharm/MDS or equivalent degree) recognized by UGC with any specializations.
- *As an add-on course, students those have registered for post-graduation courses in JSS AHER may be chosen the PDGEHSM along with M.Sc/M.A/M.Com/MBA or equivalent.*

CAREER PROSPECTS:

As-per the company act, it is mandatory to establish Environment-Health-Safety department at every industries where PGDEHSM professional have high demand in career placement in all industries including soft-ware and marketing companies at national as well as international level. They can also get an opportunity as Environmental consultant, Environmental education officer, Environmental manager, Nature conservation officer, Recycling officer, Sustainability consultant, Waste management officer, Water quality scientist, etc. in various sectors.

FEES:

Indian students (INR): **45000/- per year**

(For admitted post graduation students as add-on course is 22500/- (50% concision))

For NRI students (USD): **3260 per year**

COORDINATOR:

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