

**SCHEME OF CURRICULUM AND EVALUATION
MSc. INDUSTRIAL HYGIENE AND SAFETY DEGREE PROGRAM (OL02)**

C.No.	Course Code	Cat	Course Titles	Credits	Total Hours	Lecture	Tutorial	Practical	Continuous Internal assessment (a)	End Semester Assessment EST (b)	Grand Total a+b=100
			Semester - I								
1	EHE24OCT01	CT1	Occupational and Environmental Health	4	120	120	-	0	30	70	100
2	EHE24OCT02	CT2	Industrial Safety and Management	4	120	120	-	0	30	70	100
3	EHE24OCT03	CT3	Fundamentals of Physiology and Industrial Toxicology	4	120	120	-	0	30	70	100
4	EHE24OCT04	CT4	Industrial Hygiene (I) – Physical Hazards	4	120	120	-	0	30	70	100
5	EBS24OAE01	AE1	Biostatistics and Epidemiology	2	60	60	-	0	100	-	100
				18	540	540	-	0	220	280	500
			Semester -II								
6	EHE24OCT05	CT5	Industrial Hygiene (II) Chemical and Dust Hazards	4	120	120	-	0	30	70	100
7	EHE24OCT06	CT6	Legislative Frame Work of Environment, Health and Safety	4	120	120	-	0	30	70	100
8	EHE24OCT07	CT7	Process Safety Techniques and Computer Analysis	4	120	120	-	0	30	70	100
9	EHE24OCT08	CT8	Safety in Chemical Industry	4	120	120	-	0	30	70	100
10	OL224OGE01	GE1	To be Chosen by Students	3	90	90	-	0	-	-	100
				19	570	570	-	0	120	280	500

- GE courses will be chosen from MOOCs/SWAYAM –NPTEL must be of 8 weeks duration.

Course Number	Course Code	Category	Course Titles	Cr edits	Total Hours	Lecture	Tutorial	Practical	CIA (a)	End Semester Assessment EST (b)	Grand Total a+b=100
			Semester - III								
11	EHE24OCT09	CT9	Industrial Hygiene (III) Biological and Ergonomic Hazards	4	120	120	-	0	30	70	100
12	EHE24OCT10	CT10	Safety of Machineries and Process Equipment	4	120	120	-	0	30	70	100
13	EHE24OCT11	CT11	Risk Control Technologies and Management	3	90	90	-	0	30	70	100
14	EHE24OCT12	CT12	Fire and Explosion Safety	4	120	120	-	0	30	70	100
15	OL224OGE02	GE2	To be Chosen by Students	3	90	90	-	0	-	-	100
				18	540	540	-	0	120	280	500
			Semester - IV								
16	EHE24OCT13	CT13	Construction Safety	3	90	90	-	0	30	70	100
17	EHE24OCT14	CT14	Electrical Safety	3	90	90	-	0	30	70	100
18	EHE24OCT15	CT15	Safety in Docks and Mines	3	90	90	-	0	30	70	100
19	EHE24OAE02	AE2	Workplace Ethics	2	60	60	-	0	100	-	100
20	EHE24ORP01	RP1	Research Project	14	420	420	-	0	100	-	100
				25	750	750	-	0	290	210	500
			Grand Total	80	2400	2400	-	0	750	1050	2000

Prof. Dr. S. SENTHIL KUMAR
REGISTRAR
SRI RAMACHANDRA
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(DEEMED TO BE UNIVERSITY)
PORUR, CHENNAI - 600 116.

DIRECTOR - CDOE
SRIHER - DU