

## Format for syllabus development of Skill development course

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Name of course:	AIR QUALITY MANAGEMENT (POLLUTION)
Department of HEI to run course	
Broad Area/Sector:	ENVIRONMENT
Sub Sector:	POLLUTION CONTROLLING SECTOR
Nature of course - Independent / Progressive	INDEPENDENT AND PROGRESSIVE (RO)
Name of suggestive Sector Skill Council	
Aligned NSQF level	4 (LEVEL)
Expected fees of the course - Free/Paid	
Stipend to student expected from industry	
Number of Seats	
Course Code	
Max Marks...100..... Minimum Marks.....	Credits- 03 (1 Theory, 2 Practical)
Name of proposed skill Partner (Please specify, Name of industry, company etc for Practical/Training/ internship/OJT)	
Job prospects-Expected Fields of Occupation where student will be able to get job after completing this course in (Please specify name/type of industry, company etc.)	SERVICE SECTOR, AND SELF EMPLOYMENT.
Syllabus	

Unit	Topics	General/Skill component	Theory/ Practical/ OJT/ Internship/ Training	No. of theory hours (Total-15 Hours=1 credit)	No of skill Hours (Total-60 Hours=2 credits)
I	AIR POLLUTION SOURCES	BOTH	T & P	3 Hour	12
II	AIR POLLUTION METEOROLOGY	BOTH	T & P	3 Hour	12
III	AIR POLLUTION MONITORING	BOTH	T & P	3 Hour	12
IV	AIR POLLUTION CONTROL & REMOVAL	BOTH	T & P	3 Hour	12
V	DYNAMICS OF POLLUTANT DISPERSION	BOTH	T & P	3 Hour	12
VI		BOTH	T & P	3 Hour	12

Suggested Readings: AIR POLLUTION SOURCE AND CONTROL BY WORK K. and WARRIS S.

Suggested Digital platforms/ web links for reading: ONLY THEORETICAL PURPOSE, STUDENTS MAY USE

Suggested OJT/ Internship/ Training/ Skill partner

Suggested Continuous Evaluation Methods: - SEMESTER WISE

Course Pre-requisites:

- No pre-requisite required, open to all - OPEN TO ALL SCIENCE STUDENTS.
- To study this course, a student must have the subject CHEMISTRY in class/12<sup>th</sup>/ certificate/diploma
- If progressive, to study this course a student must have passed previous courses of this series.

Suggested equivalent online courses: NO REQUIRED.

Any remarks/ suggestions: This format is not suitable for 2, 3, 4 Semesters.

- Notes:
- Number of units in Theory/Practical may vary as per need
  - Total credits/semester-3 (it can be more credits, but students will get only 3 credit/ semester or 6 credits/ year
  - Credits for Theory = 01 (Teaching Hours = 15)
  - Credits for Internship/OJT/Training/Practical = 02 (Training Hours = 60)