

SKILL DEVELOPMENT CENTRE
Faculty Of Engineering & Technology
JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR
 Bachelor of Vocation (B.Voc) In Fire Safety Management
Curriculum & Training based on National Occupational Standards As Per NSQF
 With Multiple Entry/Exit Facilities

S.No	Semester-1		Credit	
1	Basic Physics and Chemistry related to fire-I	General Education Component		6
2	Fire Prevention and Industrial Safety	General Education Component		6
3	Anatomy of Fire	Skill Component	3	
4	House and House Fittings	Skill Component	3	
5	General Discipline	Skill Component	4	
6	Drill- I (Water CO2 Extinguisher)	Skill Component	4	
7	Industrial Training	Skill Component	4	
			18	12
			30	

Note:

Exit: *If Exit after obtaining I Semester Credits/Completion of I Semester, C.Voc-Certificate will be awarded in Security& Fire Prevention*

Entry: *With NSQF level 4 Entry in II Semester*

S.No	Semester-2		Credit	
1	Basic Physics and Chemistry related to fire-II	General Education Component		6
2	Concept of Hazard, Accident & Safety	General Education Component		6
3	Foam and Foam making equipments	Skill Component	3	
4	Pump and Pump Operations	Skill Component	3	
5	Hydraulics	Skill Component	4	
6	Drill- II (Chemical Foam Extinguishing)	Skill Component	4	
7	Industrial Training	Skill Component	4	
			18	12
			30	

Note:

Exit: *If Exit after obtaining I & II Semester Credits/Completion of I & II Semester, D.Voc- Diploma will be awarded in Safety Management*

Entry: *With NSQF level 5 Entry in III Semester*

S.No	Semester-3		Credit	
1	Construction Safety	General Education Component		6
2	Ladders	General Education Component		6
3	Breathing Apparatus	Skill Component	3	
4	First - Aid & Resuscitation	Skill Component	3	
5	Small And Special Gears	Skill Component	4	
6	Drill-III (Mechanical Foam Extinguishing)	Skill Component	4	
7	Industrial Training	Skill Component	4	
			18	12
			30	

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S.No	Semester-4		Credit	
1	Automatic Fire Detectors And Alarm System	General Education Component		6
3	Classification of Fire Extinguishers	General Education Component		6
4	Safety in Excavation, Demolition and Scaffold	Skill Component	5	
5	Disaster Management	Skill Component	5	
6	Drill-IV (Using Dry chemical Powder)	Skill Component	4	
7	Industrial Training	Skill Component	4	
			18	12
			30	

Note:

Exit: *If Exit after obtaining I, II, III & IV Semester Credits/Completion of I, II, III & IV Semester, A.D.Voc- Advance Diploma will be awarded in Fire Safety and Disaster Management*

Entry: *With NSQF level 6 Entry in V Semester*

S.No	Semester -5		Credit	
1	Hydrant Fittings	General Education Component		6
2	Electricity	General Education Component		6
3	Water Tender And Special Appliances	Skill Component	5	
4	Factories Act 1948 (Amended)	Skill Component	5	
5	Drill-V (House Pick - Up Drill)	Skill Component	4	
7	Industrial Training	Skill Component	4	
			18	12
			30	

S.No	Semester -6		Credit	
1	Safety of People in the event of Fire	General Education Component		6
2	Fire Risk Assessment	Skill Component	4	
3	Fundamental of Fire Engineering Science	General Education Component		6
4	Fire Control Technology	Skill Component	4	
5	Mock Drill I (Drill with Ladder and water tender)	Skill Component	2	
6	Mock Drill II (Lose Pump drill with hard/ soft Suction)	Skill Component	2	
7	Mock Drill II (ABC Extinguisher)	Skill Component	2	
8	Industrial Training	Skill Component	4	
			18	12
			30	

Note:

Exit: *B.Voc- Degree will be Awarded in Fire Safety Management after obtaining I - VI Semester Credits/Completion of Program.*

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