

TEERTHANKER MAHAVEER UNIVERSITY



COLLEGE OF PARAMEDICAL SCIENCES
Introducing

FIRE SAFETY AND MANAGEMENT
(Certificate Course)

2017-18



Course Code: PVAC-II	Course Name: FIRE SAFETY AND MANAGEMENT Total Duration: 16 Hours Resource Person: Prof. Navneet Kumar (Vice Principal)	
CO1	Understanding the concept of fire, heating Ventilation	
CO2	Understanding the concept of firefighting equipment, fire emergency, measures of fire safety	
CO3	Applying the concept of Measures of fire safety	
Unit-1:	Fire Safety What is fire, Fire Triangle, types of fires and their patterns. Why Fire Safety is important, Importance of Fire Safety.	3 Hours
Unit-2:	Heating and Ventilation Heating Strategy, Combustion, Boiler Heating Systems, Boilers, Burners, Fuel-to-Air Ratios, Electric Boilers	3 Hours
Unit-3:	Firefighting equipment Kitchen hood protection, Smoke detector, Fire extinguishers, Fire blanket, Fire escape ladder.	3 Hours
Unit-4:	Measures of Fire Safety Fire Safety Arrangements, Fire Extinguishers, Fire Escape Routes, Fire doors & Emergency ventilators	3 Hours
Unit-5:	Fire Emergency Fire Evacuation Procedures, Personal Emergency Evacuation Plans, Fire Evacuation Fire Drills.	4 Hours
Textbook:	1. A Handbook of Fire Technology by Gupta R.S.	
References:	1. Fire Safety in Buildings by V.K. Jain . 2. Firefighting: The Essential Handbook Volume 1 Paperback – by B.M. Sen 3. FIRE FIGHTING VOL-1 by B.M Sen. 4. Fire Fighting And Fire Safety: Concepts, Methods, Tools & Techniques Hardcover – by Rathore S (Author)	

