

## **B.Voc in Fire & Safety**

### **Semester I**

<b>Course Code</b>	<b>Title of the course</b>	<b>Credit</b>
BFI101	Fundamentals of Fire Science	3
BFI102	Fire Control Technology & First Aid	3
BFI103	Applied Chemistry	3
BFI104	Environmental Studies	3
BFI105	Fundamentals of Fire Science Practical	2
BFI106	Fire Control Technology & First Aid - Practical	2
BFI107	Applied Chemistry - Practical	2
BFI108	Project-I	3

### **Semester II**

<b>Course Code</b>	<b>Title of the course</b>	<b>Credit</b>
BFI201	Industrial Safety Management	3
BFI202	Fire Fighting Equipment	3
BFI203	Applied Physics	3
BFI204	Industrial Safety Management - Practical	3
BFI205	Fire Fighting Equipment - Practical	3
BFI206	Applied Physics - Practical	3
BFI207	Project-II	3
BFI208	Environmental Science	2

### **Semester III**

<b>Course Code</b>	<b>Title of the course</b>	<b>Credit</b>
BFI301	Health Safety and Disaster Management	3
BFI302	Search & Rescue Techniques and Paramedics	3
BFI303	Fire Protection System	3
BFI304	Health Safety and Disaster Management - Practical	3
BFI305	Search & Rescue Techniques and Paramedics - Practical	3
BFI306	Fire Protection System - Practical	3
BFI307	Project-III	3
	Open Elective Course	2

#### Semester IV

Course Code	Title of the course	Credit
BFI401	Hydraulics & Pumps	3
BFI402	Construction Safety	3
BFI403	Laws Related to Safety, Health & Environment	3
BFI404	Hydraulics & Pumps - Practical	3
BFI405	Fire Protection System - Practical	3
BFI406	Laws Related to Safety, Health & Environment - Practical	3
BFI407	Project-1V	3

#### Semester V

Course Code	Title of the course	Credit
BFI501	Explosion & Fire Dynamics	3
BFI502	Salvage and Fire Accident Investigation	3
BFI503	Fire Prevention Measures	3
BFI504	Explosion & Fire Dynamics - Practical	3
BFI505	Salvage and Fire Accident Investigation - Practical	3
BFI506	Fire Prevention Measures - Practical	3
BFI507	Project-V	3
BFI599	MOOC	3

#### Semester VI

Course Code	Title of the course	Credit
BFI601	Safety Legislations	3
BFI602	Combustion Products & its Effects on Life Safety	3
BFI603	Industrial Hygiene & Occupational Health	3
BFI604	Safety Legislations - Practical	3
BFI605	Combustion Products & its Effects on Life Safety - Practical	3
BFI606	Industrial Hygiene & Occupational Health - Practical	3
BFI607	Project-VI	3
BFI608	Personality Development	3
BFI699	MOOC	3