Core Structure for UG B. Sc. [Fire & Safety] – CBCS Programme REVISING SUBJCET AND SYLLABUS IMPLEMENTATION-2015-16

IMPLEMENTATION-2015-16-Semester - I

Type of Course	Type of Paper	Credit	
		Fire Tender and Tools / Applied	
Elective Course (EC – I)	EC - 101	Mathematics/ Elementary Health	2
		& Safety	
Foundation Course	FC - 101	Conoral English	2
(FC-I)	FC - 101	General English	۷
Core Course – 1 (CC – 1)	Paper-101	Applied Physics – 101	4
Core Course – 2	Paper-101	Applied Chaptista, 101	4
(CC – 2)	Paper-101	Applied Chemistry – 101	
Core Course - 3	Paper-101	Fundamental of Fire– 101	4
(CC – 3)	Paper-101	Fundamental of Fire— 101	
Core Course – 1 (CC – 1)	*CC-1-Pract102	PRAC-PHY-102	3
Core Course – 2	*CC-2-Pract102	DRAC CUE 103	3
(CC – 2)	CC-2-Pract102	PRAC-CHE- 102	3
Core Course - 3	*CC-3-Pract102	DDAC EE 103	3
(CC – 3)	CC-5-F1dCt102	PRAC-FF— 102	3
Total Credit			25

IMPLEMENTATION-2015-16-Semester - II

Type of Course	Paper No. Type of Paper		Credit	
Elective Course (EC – II)	EC - 102	Industrial Safety Management	2	
	EC - 102	/Applied Electrical		
Foundation Course	FC 403	Conoral Fradish	2	
(FC-II)	FC - 102	General English	2	
Core Course – 1 (CC – 1)	Paper-103	Fire Fighting Equipment – 103	4	
Core Course – 2	Danar 102	Mechanics of Solids & Town	4	
(CC – 2)	Paper-103	Planning – 103		
Core Course - 3	Danar 102	Search & Rescue Techniques &	4	
(CC – 3)	Paper-103	Paramedics-103	4	
Core Course – 1 (CC – 1)	*CC-1-Pract104	PRAC-FFE- 104	3	
Core Course – 2	*CC 2 Dreat 104	DDAC MCTD 104	3	
(CC – 2)	*CC-2-Pract104	PRAC-MSTP – 104		
Core Course - 3	*CC 2 Dract 104	DDAC DECODADA 104	2	
(CC – 3)	*CC-3-Pract104	PRAC-RES&PARA- 104	3	
Total Credit			25	

IMPLEMENTATION-2016-17-Semester - III

Type of Course	Paper No.	Type of Paper	Credit
		Safety in Docks & Ship Breaking	
Elective Course (EC – II)	EC - 201	Industry/Professional Growth	2
		in Safety Organization	
Foundation Course	FC - 201	General English	2
(FC-II)	FC = 201	General English	2
Core Course – 1 (CC – 1)	Paper-201	Fire Protection Systems-201	4
Core Course – 2	Danor 201	Hadrandias & Dansas 201	4
(CC – 2)	Paper-201	Hydraulics & Pumps-201	
Core Course - 3	Paper-201	Safaty in Various Industries 201	4
(CC – 3)	Paper-201	Safety in Various Industries-201	
Core Course – 1 (CC – 1)	*CC-1-Pract202	PRAC-FPS- 202	3
Core Course – 2	*CC-2-Pract202	PRAC-HY&P – 202	3
(CC – 2)	CC-2-Pract202	FRAC-117&F = 202	
Core Course - 3	*CC-3-Pract202	PRAC-SVI- 202	3
(CC – 3)	CC-5-F1act202	F NAC-3VIT 202	3
Total Credit			25

IMPLEMENTATION-2016-17-Semester - IV

Type of Course	Paper No. Type of Paper		Credit	
		Gujarat Factories Act &		
Elective Course (EC – II)	EC - 202	Rules/Auto Cad & Engineering	2	
		Drawing & Fire Modeling		
Foundation Course	FC - 202	General English	2	
(FC-II)	1 C - 202	General English	2	
Core Course – 1 (CC – 1)	Paper-203	Safety Equipments &	4	
Core course – 1 (cc – 1)	raper-203	Documentation -203		
Core Course – 2	Paper-203	Automobile Engineering-203	4	
(CC – 2)	raper-203	Automobile Engineering-203	4	
Core Course - 3	Paper-203	Fire Prevention & Protection -	4	
(CC – 3)	raper-203	203	4	
Core Course – 1 (CC – 1)	*CC-1-Pract204	PRAC-SED-204	3	
Core Course – 2	*CC-2-Pract204	PRAC-AE-204	3	
(CC – 2)	CC-2-Fract204	FRAC-AL-204	3	
Core Course - 3	*CC-3-Pract204	PRAC-FPS-204	3	
(CC – 3)	CC-5-F1act204	FNAC-FF3-204	3	
Total Credit			25	

IMPLEMENTATION-2017-18-Semester - V

Type of Course	Paper No. Type of Paper		Credit
Elective Course (EC – II)	EC - 301	Industrial Hygiene & Occupational Health/Explosive, Radio Active Material & Communication	2
Foundation Course (FC-II)	FC - 301	General English	2
Core Course – 1 (CC – 1)	Paper-301	Special Fire Hazards-301	4
Core Course – 2 (CC – 2)	Paper-301 Salvage & Fire Accident Investigation-301		4
Core Course - 3 (CC – 3)	Paper-301	Combustion Products & its Effects on Life Safety-301	4
Core Course – 1 (CC – 1)	*CC-1-Pract302	PRAC-SFH-302	3
Core Course – 2 (CC – 2)	*CC-2-Pract302	PRAC-SFAI-302	3
Core Course - 3 (CC – 3)	*CC-3-Pract302	PRAC-CPS-302	3
Total Credit			25

IMPLEMENTATION-2017-18-Semester - VI

Type of Course	Paper No. Type of Paper		Credit	
		Explosion & Fire		
Elective Course (EC – II)	EC - 302	Dynamics/Disaster	2	
		Management		
Foundation Course	FC - 302	General English	2	
(FC-II)	1 C - 302	General English	2	
Core Course – 1 (CC – 1)	Paper-303	Fire Safety Risk Assessment &	4	
Core course – 1 (cc – 1)	r aper-303	Management-303		
Core Course – 2	Paper-303	Fire Safety Design-303	4	
(CC – 2)	raper-303	The Salety Design-303	4	
Core Course - 3	Paper-303	Health, Safety & Environment-		
(CC – 3)	r aper-303	303	4	
Core Course – 1 (CC – 1)	*CC-1-Pract304	PRAC-FSRAM-304	3	
Core Course – 2	*CC-2-Pract304	PRAC-SFD-304	3	
(CC – 2)	CC-2-11act304	1 NAC-31 D-304	5	
Core Course - 3	*CC-3-Pract304	PRAC-HSE-304	3	
(CC – 3)	CC-5-1 ract304	T MACTISE 304	3	
Total Credit			25	