

**GOVERNMENT OF GOA
DIRECTORATE OF FIRE & EMERGENCY SERVICES
REGIONAL TRAINING CENTRE
ST. INEZ, PANAJI, GOA**

COURSE

**External Sub-Officer's Course of National Fire Service College,
Ministry of Home Affairs, Nagpur.**

COURSE DURATION

1. Duration of Course : 05 Months (21 Weeks)
2. No. of working days available
January to June : 105 (except Sundays – 20 days, Saturdays – 20 days & Government Holidays)
July to December : 105 (except Sundays – 20 days, Saturdays – 20 days & Government Holidays)
3. Examination Preparation Days : 06
4. Full working days : 99 (Excluding Study Leave for exam preparation)
5. Nos. of Periods in full working day : 07 (07 x 99 = 693)
6. No. of Periods available : 693

DAILY SCHEDULE

Duration	Programme
06.25 – 06.30	Roll Call
06.30 – 06.45	P.T. Exercise
06.45 – 08.00	- Monday to Thursday - Squad Drill. - Friday - PT & Jogging
08.00 – 09.30	Tea Break
09.40 – 09.45	College Anthem
09.45 – 10.25	1 st Period
10.35 – 11.15	2 nd Period

Duration	Programme
11.25 – 12.05	3 rd Period
12.15 – 12.55	4 th Period
12.55 – 15.30	Lunch Break
15.45 – 16.25	5 th Period
16.35 – 16.15	6 th Period
16.25 – 17.05	7 th Period
17.20 – 18.00	Games
18.00 – 19.30	Break
19.30 – 19.45	Evening Roll Call

BLOCK SYLLABUS

Sr. No.	Subject	Periods to be assigned		
		Theory	Practical	Total
1.	Arrival and Registration.	07	-	07
2.	Inauguration of Course	02	-	02
3.	Introduction to Course	02	-	02
4.	Lecture	14	-	14
5.	Course Review, Discussion, Feedback & Closing.	07	-	07
6.	Instructional Film.	--	--	14
7.	Fire Prevention – Paper I	49	24	73
8.	Fire Extinction – Paper II	92	134	226
9.	Science – Paper III	62	98	160
10.	General – Paper IV	80	24	104
11.	Examination	49	35	84
TOTAL:-		364	315	693
12.	Squad Drill	--	80	80
13.	P.T. Jogging.	--	20	20
TOTAL:-		364	415	793

DETAILED SYLLABUS

Sr. No.	Subject	Periods to be assigned		
		Theory	Practical	Total
1.	Arrival and Inauguration.	07	--	07
2.	Inauguration of Course	02	-	02
3.	Introduction to Course	02	-	02
4.	Course Review, Discussion, Feedback & Closing.	07	-	07
5.	Examination	49	35	84
6.	Lectuarate	14	--	14
7.	Instructional Film.	--	--	14
Total:-		81	35	130
	Fire Prevention – Paper I			
1.	Building Construction	07	03	10
2.	Means of Escape	04	04	08
3.	Fixed Fire Fighting Installation	10	03	13
4.	Rural Fire	12	--	12
5.	Air Craft Fire and Rescue	08	07	15
6.	Ship Fire	08	07	11
Total:-		49	24	73
	Fire Extinction – Paper II			
1.	Fire Service Hose	16	22	38
2.	Hose Fittings	14	06	20
3.	Pumps and Pump Operation	19	22	41
4.	Foam and Foam Making Equipment	09	36	45
5.	Small and Special Gears	11	--	11
6.	Ladders	11	36	47
7.	Water Tender	06	12	18
8.	Practical Firemanship	06	--	06
Total:-		92	134	226
	Science – Paper III			
1.	Basic Physics and Chemistry	10	--	10
2.	Chemical Fire Extinguishers	08	09	17
3.	Electricity	06	--	06
4.	Hydraulics	12	-	12
5.	Hydrants and Fittings	08	31	38
6.	Water Relay	06	06	12
7.	Breathing Apparatus	12	52	64
Total:-		62	98	160
	General – Paper IV			
1.	Discipline	08	--	08
2.	Fire Service Administration	12	--	12
3.	Special Service	08	--	08
4.	Watch Room Procedure and Mobilizing	10	--	10
5.	Salvage	08	--	08
6.	First-Aid and Ambulance Aid	12	09	21
7.	Resuscitation	08	06	14
8.	Ropes and Lines	14	09	23
Total:-		80	24	104
8.	Squad Drill	--	80	80
9.	P.T. Jogging.	--	20	20