

FC & TACTICS COURSE
BLOCK TIME TABLE

SLNO	SUBJECT	PERIODS /TIME
1	DURATION OF COURSE (IN-CAMPUS + JUNGLE CAMP)	04 WEEKS
2	WORKING DAYS IN A WEEK	06 DAYS IN A WEEK
3	NO. OF WORKING DAYS	06 X 03 = 18 DAYS (IN-CAMPUS)
4	NO. OF PERIODS [DAY]	10 PERIODS PER DAY
5	NO. OF PERIODS [NIGHT]	41 PERIODS
6	TOTAL NO. OF DAY PERIODS DURING COURSE	10 X 18 = 180 (FOR IN-CAMPUS TRG.)
7	TOTAL NIGHT PERIODS FOR IN-CAMPUS TRG	27
8	NIGHT PERIODS FOR J/CAMP	14
9	TOTAL PERIODS IN 3 WEEK IN-CAMPUS TRG	180+27= 207
10	DURATION OF PERIOD	40 MINUTES
11	JUNGLE CAMP TRAINING	07 DAYS (70 PERIODS IN DAY + 14 NIGHT PERIODS = 84 PERIODS)
12	TOTAL PERIODS INCLUDING IN-CAMPUS & J/CAMP	291

BLOCK SYLLABUS

SL. NO	CODE	SUBJECT	DAY PERIOD		JUNGLE CAMP	NIGHT PERIOD	TOTAL
			THEORY	PRAC.	EXE.		
1.	PT	PHYSICAL TRAINING AND ENDURANCE	-	32	--	--	32
2.	MR	MAP READING & GPS	14	16	--	04	34
3.	F C	FIELD CRAFT	08	09	--	04	21
4.	TAC	TACTICS	17	21	--	10	48
5.	ALL	ALLIED	07	--	--	--	07
6.	EXPL.	EXPLOSIVE	09	04	--	--	13
7.	CASE	CASE STUDIES	05	--	--	--	05
8.	FIR	FIRING	--	30	--	09	39
9.	COMN	COMMUNICATION	03	03	--	--	06
10.	J/ C	JUNGLE CAMP EX.	--	--	70	14	84
11.	MISC	OPENING/CLOSING	02	--	--	--	02
TOTAL PERIODS			65	115	70	41	291

NOTE: - 1) Everyday first 02 periods in campus will be physical training.

2) During 03 days firing in campus, every day 03 periods will be night firing additionally. 03 days firing will be conducted as one day firing per week.

DETAILED SYLLABUS

SL. NO.	L	SUB	DAY PERIOD		J/CAMP	NIGHT PERIOD	TOTAL
			THEORY	PRACT.	EXE.		
01	PHYSICAL TRAINING & ENDURANCE .						
	PT-1/2	10 KM CROSS COUNTRY RACE	--	02	--	--	02
	PT-3/6	10 KMS RUN AND WALK IN FSMO	-	04	--	--	04
	PT-7/10	15 KM RUN AND WALK IN FSMO	-	04	--	--	04
	PT-11/16	TACTICAL PT (WITH WEAPON AND HAVER SACK)	-	06	--	--	06
	PT-17/32	COMMANDO PT (BPET 3.2 Km)	-	14	--	--	14
	SLI-1/2	RAPPELLING AND SLITHERING	--	02	--	--	02
		TOTAL		32	--	--	32
02.	MAP READING & GPS						
	MR-1	SETTING OF MAP	01	--	--	--	01
	MR-2/5	DAY AND NIGHT NAVIGATION WITH MAP	02	--	--	02	04
	MR-6/8	GPS INTRODUCTION, SETUP PROCESS OF EQPT./ FINDING OWN POSITION	01	02	--	--	03
	MR-9/11	FEEDING OF CO-ORDINATES, NAVIGATION AND MAKING TRACKS / MAKING WAY POINT, DATA EDIT/DELETE	01	02	--	--	03
	MR-12	INTRODUCTION AND APPLICATION OF GOOGLE EARTH	01	--	--	--	01
	MR-13/15	TERRA EXPLORER	01	02	--	--	03
	MR-16/17	GPS BABBLE, MAP SOURCE, MAKING OF KML/KMZ AND EXCHANGE OF FILES	02	--	--	--	02
	MR-18	SIGHT AND GO, TRACK-BACK AND SHARE WIRELESSLY WITH GPS	01	--	--	--	01
	MR-19/22	DAY AND NIGHT NAVIGATION WITH GPS	--	02	--	02	04
	MR-23/24	USE OF SATELLITE/TRACKER	01	01	--	--	02
	MR-25/28	SAND MODEL BRIEFING	01	03	--	--	04
	MR-29/31	Orux, Maverick and its applications	01	02	--	--	03
	MR-32/34	Google earth and plotting of ops and int.	01	02	--	--	03
		TOTAL	14	16	--	04	34
03	FIELD CRAFT						
	F C-1	INTRODUCTION TO FC	01	-	--	--	01
	F C-2/5	OBSERVATION DAY & NIGHT, CAMOUFLAGE & CONCEALMENT	01	03	--	--	04

	F C-6/7	JUDGING DISTANCE	01	01	--	--	02
	F C-8/11	STALKING	01	01	--	02	04
	F C-12/13	FIELD SIGNALS	01	01	--	--	02
	F C-14/15	FIRE CONTROL ORDERS	01	01	--	--	02
	F C-16/17	EXE OBSERVATION POST & LISTENING POST	--	--	--	02	02
	FC-18	VISIT TO GUERILLA PARK	01	--	--	--	01
	FC-19/21	FIELD FORTIFICATIONS/TEMPORARY BUNKERS & EFFECTIVE SHIELDING AGAINST BULLETS & EXPLOSIVES	01	02	--	--	03
	TOTAL		08	09	--	04	21
04	TACTICS						
	TAC-1/5	FORMATIONS AND TACTICAL MOVEMENT	01	02	--	02	05
	TAC-6/7	PLANNING OF OPS	01	01	--	--	02
	TAC-8/9	MAP/GOOGLE EARTH BRIEFING	01	01	--	--	02
	TAC-10/11	TACTICAL WITHDRAWAL	01	01	--	--	02
	TAC-12	STAY BEHIND TEAMS	01	--	--	--	01
	TAC-13/15	DISINTEGRATION OF LARGE TEAM INTO SMALL TEAMS. REACTION & CO-ORDINATION.	01	02	--	--	03
	TAC-16/18	ROAD OPENING PARTY	01	02	--	--	03
	TAC -19	OBSTACLES	01	--	--	--	01
	TAC-20	TERRAIN ROUTE & TARGET ANALYSIS, CLEARING	01	--	--	--	01
	TAC-21/22	TEWT	--	02	--	--	02
	TAC-23/27	NAXAL AMBUSH IT'S PATTERN & COUNTER AMBUSH	01	02	--	02	05
	TAC-28/32	RAID	01	02	--	02	05
	TAC-33/35	SNIPPING , CAMP ATTACK, POST PROTECTION	01	01	--	01	03
	TAC-36/38	IMMEDIATE ACTION DRILL	01	01	--	01	03
	TAC-39/43	PATROLLING	01	02	--	02	05
	TAC-44	COMBING	01	--	--	--	01
	TAC-45	MCP	01	--	--	--	01
	TAC-46/48	CORDON & SEARCH	01	02	--	--	03
	TOTAL		17	21	--	10	48
05	ALLIED						
	ALL-1	INTRODUCTION TO HUMAN RIGHTS & HANDLING OF CIVIL PUBLIC DURING DUTIES .	01	--	--	--	01
	ALL-2	GUERILLA WARFARE	01	--	--	--	01

	ALL-3	PREVENTION AGAINST MALARIA/ SYMPTOMS AND PREVENTION AGAINST DEHYDRATION DURING ACTIVE OPS	01	--	--	--	01	
	ALL4	FIRST AID & CASUALTY EVACUATION DURING OPS	01	--	--	--	01	
	ALL-5	USE OF TRACKER DOGS	01	--	--	--	01	
	ALL-6	CLANDESTINE CONTACT AND COMMUNICATION	01	--	--	--	01	
	ALL-7	HELICOPTER SANITIZATION AND SECURITY	01	--	--	--	01	
	TOTAL		07	--	--	--	07	
06	EXPLOSIVES							
	EXPL.-1/2	VARIOUS TYPES OF SWITCHES, MINES, TRIP FLARE, FUSES ETC. AND ACCESSORIES	02	--	--	--	02	
	EXPL.-3/4	ELECTRIC AND NON ELECTRIC INITIATION PRACTICAL	--	02	--	--	02	
	EXPL-5	INTRODUCTION TO IED, DO"S AND DON"TS WITH IED"S.	01	--	--	--	01	
	EXPL-6/7	IEDs AND ITS COMPONENT, VARIOUS TYPES OF MECHANISM, CHARACTERISTICS AND THEIR WORKING PRINCIPLE.	02	--	--	--	02	
	EXPL.-8-10	LM/CM DETECTION AND REACTION AND LM/CM PRECAUTION	02	01	--	--	03	
	EXPL.-11/12	TYPES OF DEMOLITION CHARGES	01	01	--	--	02	
	EXPL.-13	ANTI SABOTAGE CHECKS TO THWART EVIL DESIGN OF ANEs	01	-	-		01	
	TOTAL		09	04	--	--	13	
07	CASE STUDIES							
	CASE -1/5	CASE STUDIES	05	--	--	--	05	
	TOTAL		05	--	--	--	05	
08	FIRING							
	FIR-1/2	ZEROING 30 Mts 05 RDS (TARGET 4X4) DELIBERATE	--	02	--	--	02	
	FIR-3/4	GROUPING 50 MTS 05 RDS DELIBERATE AND GROUPING FROM 100 MTS , 10 RDS DELIBERATE KNEELING (FIG-11 TARGET)	--	02	--	--	02	
	FIR -5/19	APPLICATION 100 MTS 20 RDS (10 RDS FOR DAY 10 RDS FOR NIGHT) DELIBERATE (KNEELING) TO CHECK FIRING TOWARDS BULL)	--	06	--	09	15	
	FIR -20/21	UPHILL FIRING 50-100 MTRS 10 RDS FIG -11/12 IMPROVISED 02 RDS (03 SEC) X 05 RANDOM TARGET (TEAM WISE)	--	02	--	--	02	
	FIR -22/23	SNAP SHOOTING FROM 50 YARDS 05 Rds WITH IMPROVISED FIG.11 STANDING NATO POSITION WITH WHISTLE IN 03 SEC, SINGLE ROUND FIRE AT READY POSITION.	--	02	--	--	02	
	FIR -24/26	MOVING SHOOTING FROM 75 YARDS ,05 RDS (IMPROVISED FIG.11) HILL TOP WITH WHISTLE IN 05 SEC IN EACH SIDE 03 ROUNDS	--	03	--	--	03	
	FIR -27/29	DISC SHOOTING FROM 50 YARDS, 05 RDS, DIFFERENT 08" DISC ARE FIXED. FLAGS ARE ELEVATED AT BUTT OFFICER POINT & CORRESPONDING COLOURED DISC IS HIT.	--	03	--	--	03	
	FIR -30/34	FIRING UNDER STRESS FROM 200 YARDS WITH 10 RDS (IMPROVISED FIG.11) BUDDY WISE AT 180 YARDS 02 ROUNDS WITH DIFFERENT COVERS AGAIN 120 YARDS 02 ROUNDS AND CRAWLING UNDER BARBED WIRE FOR 30 YARDS 02 LYING POSITION , 70 YARDS AMBI FIRING 02 ROUNDS WITH COVER OF LOG ,50 YARDS FROM LOOP HOLE 02 FIRING	--	05	--	--	05	
	FIR -35/39	LANE SHOOTING, FROM 400 MTRS 10 RDS SMALL TARGET RANDOM TARGET 05 NOS.	--	05	--	--	05	

	BOAC -1/6	BOAC FROM 100 MTRS 10 RDS, FIG-11 TIMED.	Firing will be carried out during BOAC.					
			TOTAL	--	30	--	09	39

Note:- INNOVATIVE FIRING MAY BE DEvised BY THE RANGE OFFICER AS PER FIELD CONDITIONS AND ENDORSEMENTS BE MADE IN FIRING PROCEEDINGS ACCORDINGLY.

09	COMMUNICATION							
	COMN.-1/2	FIELD COMMUNICATION AND DISCIPLINE, FAMILIARIZATION WITH COMMUNICATION SETS	01	01	--	--	02	
	COMN.-3/4	GIS	01	01	--	--	02	
	COMN.-5/6	USE OF UAV NETRA B	01	01	--	--	02	
		TOTAL	03	03	--	--	06	
10.	JUNGLE CAMP EXERCISE							
	J/C-1/84	JUNGLE EXERCISE /BASE CAMP	--	--	70	14	84	
		TOTAL	--	--	70	14	84	
11.	MISCELLANEOUS							
	MISC. 1/2	OPENING & CLOSING	2	--	--	--	2	
		TOTAL	02	--	--	--	02	
		NO. OF TOTAL PERIODS	65	115	70	41	291	

NOTE: - FINAL TEST WILL BE CONDUCTED IN 02 WORKING DAYS AFTER THE COMPLETION OF COURSE.

JUNGLE CAMP OUT-DOOR EXERCISE (07 DAYS)

(CODE –J/C)

- Exercises for the first 03 days of Jungle Camp (living in Bivouac, self- contained, cooking permitted in buddies, scale of rations and list of kit-items are attached as appendix- B & C .
- Narrations issued should be in form of a story and linked with previous exercises.
- Every day, one hour freezing exercise will be done (in this exercise trainees will be asked to lie down and remain static without making any movement/ noise. This will be strictly done under supervision of DS. Who-so-ever breaks the above rule will be immediately taken out/ excluded from the group.
- Buddy move happens to be “mother of all Ops” and required to be given due prominence. All member be assigned Buddies for the complete period of Jungle Camp and synergic must be ensured throughout as mandatory Tactics.
- The names of the Ops as mentioned in the negative below is only in indicative in nature and should be changed by the DS on each occasion in order to develop a sense of belongingness to the particular Ops amongst the troops.

DAY	SUBJECT/EXERCISE
D minus 1	<ul style="list-style-type: none"> • Issue of narration for jungle camp exercise • Distribution of tasks by DS • Preparation of briefing by trainees as OTW
D 1	<ul style="list-style-type: none"> • Preparation of move-order with details of weapons • Briefing by Commanders under supervision of DS • Final inspection of troops by commanders (specially checking of signal equipments and arms/ammunitions) • Move out of training centre for Ops Padaav (Estb of COMPANY OPERATING BASE/COB) keeping security precautions:- <ol style="list-style-type: none"> i) Foot mobile movement by patrolling/ROP method or ii) Move by vehicles clandestinely up to a safe point followed by foot mobile movement in the form of patrolling/ ROP wherever applicable. • Taking LUP and Initial recce by „O’- group, sanitization of the area , all round defense of LUP/COB area • Establishing observations and listening posts and camp drills • Making eye- sketch of area of operation <p>Note:-</p> <ol style="list-style-type: none"> 1) During above exercises, enemy will lay ambush enroute, fire on camp during establishment of LUP/COB. Counting drill be followed during patrolling 2) IED be placed at water point and under trees or at probable places where troops are supposed to go. 3) QAT to react promptly to counter the threat once LUP is fired upon. 4) All activities are to be as discreet as possible
D 2	<ul style="list-style-type: none"> • Practicing bowel control (time for nature’s call be changed everyday) and ablution drills • water discipline • De briefing of ops Padaav under supervision of DS. • De- briefing of Ops Padaav under supervision of DS • Issuing narration for patrolling (Ops Parikrama) to dominate the area and gather intelligence. • Briefing under supervision of DS. • IAD drills of all the situations (Ops Hunkaar)during patrolling. • De-briefing of Ops Parikarma and Hunkaar under supervision of DS. • Exercise of camouflage and concealment (day time). • Issue of narration for next day early hour ambush (Ops Ghaat) and briefing under supervision of DS.

	<ul style="list-style-type: none"> • Observation and listening drill, filling in observation log book (training staff will make movements and other activities in front of trainees during observation and listening drill to assess the level of alertness of the trainees)
D 3	<ul style="list-style-type: none"> • Early hour ambush and counter ambush (<i>Ops Ghaat</i>) • Exercise on crossing water bodies if possible enroute • De- briefing of <i>Ops Ghaat</i> • Freezing exercise (one hour continuously): trainees will be asked to lie down and remain still without making any movement/ noise. This will be strictly done under supervision of DS. Who-so-ever breaks the above rule will be immediately taken out/ excluded from the group to highlight its importance). • Exercise of making hides (hides should be made in such a way that at least two- three persons can be accommodated and such hides should be as such that no one can locate it.) • Observation and listening drills, filling in observation log book • Issue of narration for CASO (<i>Ops Gherao</i>) the next day and briefing under supervision of DS. • Exercise on sudden close- contact during night.
<u>EXERCISES FOR LAST 4 DAYS OF JUNGLE CAMP</u>	
<p>No activities (unnecessary) during day time, complete Camouflage & concealment, observation& listening during day time, cooking not permitted. After completion of exercise on last day, troops should be subjected to BATTLE INOCULATION.</p>	
D 4	<ul style="list-style-type: none"> • Practicing bowel control (time to go to toilets/nature's call be changed every day) and ablution control drill • <i>Ops Gherao</i> • De- briefing of <i>Ops Gherao</i> under supervision of DS • Camp attack by enemy during de- briefing time. • Shifting of camp location • Issuing narration for raid (<i>Ops Prahaar</i>) • Freezing exercise • Sending Recce patrol • Briefing of <i>Ops Prahaar</i> under supervision of DS • Set out for <i>Ops Prahaar</i> in night
D 5	<ul style="list-style-type: none"> • <i>Ops Prahaar</i> at first light • De briefing of <i>Ops Prahaar</i> under supervision of DS • Making hides and living in hides • Practicing listening and observation from hides and filling in observation log book • Freezing exercise • Issue of narration for search and destroy operation SADO (<i>Ops Dhwast</i>) • Briefing of <i>Ops Dhwast</i> under supervision of DS • Set out for <i>Ops Dhwast</i> at late night
D 6	<ul style="list-style-type: none"> • <i>Ops Dhwast</i> (to be completed before noon.) • De briefing of <i>Ops Dhawast</i> under supervision of DS • Issue of narration for MCP (<i>Ops chakra</i>) • Briefing <i>Ops Chakra</i> under supervision of DS
D 7	<ul style="list-style-type: none"> • Practicing bowel control • <i>Ops Chakra</i> • Exercise on causality evacuation • Exercise on crossing water bodies if possible • Returning to trg. Camp by noon

Note:

- 1 All exercises should be done by forming Sections/Platoons/COYS depending upon the total strength of the trainees.
- 2 Instructions issued vide Directorate General, (Trg Branch), Letter No. T-V-6/2010-Trg-6 dtd 29/12/10, 31/12/10 and 7/3/11 may also be referred.

JUNGLE SURVIVAL RATION

FOOD PROGRAMME FOR 03 DAYS (COOKING PERMITTED)

Day	Break Fast	Break Time	Lunch	Dinner
1	Bread, Jam And Tea (0600-0620)	Biscuit & Glucose (0900-0910)	Khichdi, Dates (1200-1300)	Maggi, Phula Hua Chuda, Gud (2000-2100)
2	Apple, Pomegranate (0630-0640)	Biscuit & Glucose (0930-0940)	Maggi, Sattu/ Bun (1230-1330)	Khichdi, Phula Chana, Gud (1830-1930)
3	Bread , Jam And Tea (0615-0635)	Kismis And Electoral Powder (0830-0840)	Khichdi (1100-1200)	Maggi, Dates (1630-1730)

FOOD PROGRAMME FOR 04 DAYS (NO COOKING)

4	Apple, Phula Chana (0500-0515)	Biscuit & Glucose (0730-0740)	Phula Chana, Gud (1200-1300)	Bhuna Chana, Gud (2000-2100)
5	Phula Chana, Pomegranate (0600-0620)	Biscuit & Glucose (0900-0910)	Sattu/ Milk cake, Chikki (1200-1300)	Phula Chana , Gud (2000-2100)
6	Apple, Bhuna Chana (0630-0640)	Electoral Powder And Namkeen Mixture (0930-0940)	Fruit Cake , Dates(1230-1330)	Bhuna Chana, Gud (1830-1930)
7	Phula Chana, Pomegranate (0615-0635)	Glucose And Namkeen Mixture(0830-0840)	Phula Chana, Gud, Chikki (1200-1300)	Bhuna Chana, Dates (1630-1730)

SURVIVAL RATIIONS SCALE FOR J/CAMP

S.NO	NAME OF ITEM	NO.OF TIMES X QUANTITY IN GMS	TOTAL WEIGHT IN GMS
1	BREAD	2X175	350
2	JAM	2X50	100
3	APPLE	3X175	500
4	POMEGRANATE	3X175	500
5	KACHA CHANA	4X50	200
6	BHUNA CHANA	3X70	200
7	RICE	3X50	150
8	DHAL	3X30	90
9	CHUDA / AVAL	7X140	1000
10	MAGGI/NOODLS	3X100	300
11	SUGAR	2X50	100
12	TEA	2X10	20
13	MILK POWDER	2X25	50
14	GUD(SUGAR CANDY)	7X40	300
15	SALT	7X5	35
16	CHIKKI	2X125	250
17	DATES	4X100	400
18	NAMKEEN MIXTURE	2X50	100
19	KISSISS	1X50	50
20	BISCUIT	4X2 Pcs	100
21	GLUCOSE	5X20	100
22	ELECTORAL POWDER	2X20	40
23	MATCH BOX	1 Pc	5
24	CANDLE	1 Pc	15
TOTAL			4 Kgs 955 Gms

TEST POLICY

FINAL TEST (350 marks)

a) INDOOR TEST -- 100 MKS

b) OUTDOOR TEST -- 250 MKS

1) Commando PT- - 50 Marks

MARKS		Excellent		V-Good		Good	
AGE		Below 35Yrs	Above 35 Yrs	Below 35 Yrs	Above 35 Yrs	Below 35 Yrs	Above 35 Yrs
A	3.2 Km BPET (With 05 kg)	17.00 min	19.00 min	19.00 min	21.00 min	21.00 min	23.00 min
	MARKS	10 Marks		08 Marks		05 Marks	
B	Vertical rope	For all ages (Qualified-05 Marks)					
C	Horizontal rope	For all ages (Qualified-05 Marks)					
D	Beam	i)Over grip :-	Nos	Marks			
			09	05 Marks			
			06	04 Marks			
		ii)Under grip :-	04	03 Marks			
			10	05 Marks			
			07	04 Marks			
E	Sit up	05	03 Marks				
		35	10 Marks				
		25	08 Marks				
F	Pushup	15	05 Marks				
		35	10 Marks				
		25	08 Marks				

2) TEWT - 25 Marks

3) Map Reading & GPS - 25 Marks

4) FC & Tactics - 25 Marks

5) Explosive - 25 Marks

6) Firing test - 50 Marks

7) J/Camp Assessment -

• Squad Cmdr. - 15 Mks

• I/C SI= - 15 Mks

• Course Director - 10 Mks

• Chief Training officer - 10 Mks

TOTAL - 250 Marks

NOTE-

- Test will be conducted by Internal Board with composition as under :-

Presiding Officer	:-	Commandant/2IC
Member – I	:-	2IC/Dy. Comdt.
Member – II	:-	Asstt. Comdt./ Inspector
Member – III	:-	Inspector/Sub Inspector

- Passing Marks for Written Paper is 40 %.
- Passing Marks for Outdoor is 50% (Each event of the subject)
- Passing Marks for Firing is 50 %
- Trainees failing in any event of the subject will not be given grading and will be declared failed.
- Grading pattern will be as under :-

(I) Written Test in Theoretical Knowledge

OVER ALL PERCENTAGE	GRADING
70 % and above	“A”
60% and above but below 70 %	“B”
40% and above but below 60%	“C”

(II) In Practical application of theoretical knowledge

OVER ALL PERCENTAGE	GRADING
70 % and above	“X”
60% and above but below 70 %	“Y”
50% and above but below 60%	“Z”