


TENTATIVE COURSE STRUCTURE FOR 6 MONTH REGULAR COURSE FOR REGULAR DR/Fr & FG					
Sl No.	Subjects	Theory	Preactical	Total	Emphasis
1	Forest Survey	10	18	28	Chain compas survey, Plain table survey, GPS survey & preparation of Maps
2	Forest Engineering	12	10	22	Basic checking of material, Basic Engineering-Building, Bridge, Culvert, Road, Fencing; preparation of estimate and WMNB,site visit
3	Forest Mensuration	12	10	22	Basic mathematics, Tree height & girth measurement , volume calculation, Timber measurement, volume table, yield, increment, growing stock.
4	Forest Management	12	6	18	Basic concept, yield, Increment, Rotation, Working Plan, Working plan code
5	Forest Botany	12	15	27	Botany of Flowering plants, trees, identification of common tress with characters, Economic Botany, Eco-system and Ecology.
6	Wildlife Management	12	10	22	Basic concept of habitat, enumeration, man-animal conflict, Wildlife conservation, Captive animals, eco tourism management, Crime detection. Basic tranquilization/animal handling, Biodiversity assesment
7	Office Procedure & Accounts	10	5	15	Treasury system, WBFR, basic accounts, Leave rule, TA, DA, TMNB and WMNB, HRMS, E-Blling,
8	Mangerial Skill	8	10	18	Group Behavior, Skill & discussion; Comminication Skill, Team building, Motivation & Leadership; Public dealing, Stress Management, mentoring, Management games
9	Forest Laws	16	6	22	IFA, WLPa, Writing of POR, FCA-basic, WB Trees Act, FRA- basic, Saw mill and wood based industries,
10	Forest Protection	8	6	14	Forest Fire, injuries and diseases, deforastation, Pest and Invasiv speacis. Fire detection mapping (GIS)
11	Forest Produce Utilization	8	6	14	Timber depot, Felling, logging, wood preservation, NTFP.
12	General Silviculture	10	4	14	Basics, Hydrological/ C-Cycle, REDD+, Growth, Crown, Tending and Thinning.
13	Silviculture of Trees & System	10	6	16	Silviculture systems, Major trees, monitoring of plantation
14	Regenaration methods	8	4	12	Methods, Nuresry, Plantation work, seed stand, plas tree,
15	Concept of JFM	4	2	6	Concept, Principles, Legal issues, Present status, Case Studies.
16	JFM stake holders	2	0	2	Forest Department and JFMCs, SHGs, NGOs, Local bodies.
17	CBO Building	2	4	6	Concept of community based organisation, Maintainance of record, Conducting of meetings, Fund management
18	PRA & Microplan	2	4	6	Concept of PRA and social map, Resource Map Preaparation, transect , Timeline, trend analysis, Matrix & Scoring
19	Praticipatory skill	2	4	6	Promotion skill of CBO and frontline staff, Documentation, JFMC vs larger bodies
20	Soil science	5	3	8	Properties, Rocks, Soil types, Nutrients and Cycles
21	Soil & water conservation	5	3	8	Hydrological/ C-Cycles, Soil erosion, Soil and Water Conservation.
22	Computer Application	8	12	20	Basics of Computer, MS Word, MS Excel, MS Power Point, Internet- email, basic GIS and GPS Map preparation
23	First Aid	5	5	10	Emergency care in disaster and accident, Diet and nutrition value, Loss of consciousness, Snake bite, poisoning, Frost bite, Injuries to bone, joint and Fracture, etc.
24	Seminers*				Planning and conducting seminar
25	Arms training**				Deployment of emergencies & disasters, Mock exercies for emergencies & disasters, Arms Clean, Arms & Ammunition, Firing Test.
	Total	183	153	336	


 Conservator of Forests
 Development Circle, WB

Total training days	180
Sunday (holidays)	26
Others holidays	25
Effective days	129
Registration	1
Validictory	1
Examination	10
Preparation for Exam	2
Tour (North/ South)	30
Local Excursion	8
Sports	2
Marathon	1
Arms training **	7
Seminers/orientation course*	3
Co-curricular activities	6
Relief (after tour)	2
Classwork (days)	56

(Strss management, other relevent issues , biodiversity)
(Music, guitar, other instruments, other hobies , birding etc)

Classwork hours (6 hours / day) 336

Morning Physical Training	6am-7am	6.30am-7.30am (Winter/dowhill)
Morning Preparation	7am-9am	
Class (including one tea break)	9am-1pm	
Lunch break	1pm-2pm	
Class	2pm-4pm	
Games	5pm-6pm	4.30am-5.30pm (Winter/dowhill)

Examination	Term1	Term 2
DR/Fr	750	750
FG	500	500

*** Marks after each semester must be displayed in board and uploaded in training portal

Examination includes
1) Subject written examination, viva voce
2) Practical & project work
3) Tour Marks(Journal, viva, group performance)
4) Conduct marks


The Conservator of Forests,
Development Circle, WB

TENTATIVE COURSE STRUCTURE FOR 1 MONTH COURSE FOR PROMOTEE DR/FR & FG

SL	Subjects	Theoretical	Practical	Total	Emphasis
1	Forest Survey	4	6	10	Chain prismatic compas survey, GPS survey
2	Forest Engineering	4	4	8	Basic checking of material, basic enginnering concept, WMNB
3	Forest Mensuration	3	3	6	Timber measurement, height & girth measurement, volume calculation
4	Forest Management	4	2	6	Basic concept
5	Forest Botany	6	6	12	Botany of Flowering plants, trees, identification of common trees with characters
6	Silviculture	6	6	12	Nursery , Silviculture system, major trees
7	Wildlife Management	6	4	10	Basic concept of habitat, enumeration, man-animal conflict etc
8	Office Procedure & accounts	4	2	6	Treasury system , WBFR , Basic accounts
9	Joint Forest Management, PRA	4	2	6	Basic
10	Forest Laws	8	3	11	IFA, WLPA, FCA- basic . Writing of POR
11	Soil Conervation	2	1	3	Basic concept
12	Forest Produce Utilization	2	4	6	Timber depot, marking, Felling, logging, NTFP
13	Others	3	3	6	To be decided by Director (computer/projectwork/music/others)
	Total*	56	46	102	

* class hour

Total training days	30
Sunday (holidays)	4
other holidays	1
Validictory	1
Effective training days	24
Tour (North/South)	6
Local visit etc	1
Total class days including practical	17
Minimum class hour /day	6
Total class days including practical	102

Total Examination 100

- # Morning PT, Afternoon games compulsory
- # Visit of a nearby construction site, local tour
- # suitable steps on lifestyle for environment pledge
- # Mental health care/mentoring
- # for WBFDC emphasis may be given more on SI 12

Subject-wise Allotment of Hours

	Subjects	Classroom session (Theory + Practical) ¹	Excursions	Tour & Field Exercises
General Management & Office Procedure				
1	Managerial Skill	27		
2	Office procedure and accounts	24	1	
Basics of Forestry and FD duties				
3	General Silviculture	20	1	3
4	Silviculture of trees & Silvicultural systems	15	1	4
5	Regeneration methods	15	2	4
6	Forest management	5		3
7	Forest botany	20	1	
8	Soil and water conservation	10	1	2
9	Soil science	5	1	
10	Forest survey	26		1
11	Forest mensuration	5	1	
12	Forest engineering	5	1	
13	Forest utilization	7	1	
14	Forest law	10	1	2
15	Forest protection	10	1	4
16	Wildlife management	13	1	4
JFM & people participatory activities related				
Subjects				
17	Concept of JFM	21	-	4
18	JFM Stakeholders	6	-	
19	CBO ² Building	5	-	
20	PRA	24	2	
21	Micro Plan	18	2	
22	Participatory Skills for field staff	26	-	
Skills Common to All Subjects				
23	Computer Application	24	-	-
24	First Aid	7	-	
25	Seminars	24	-	-
	Total	372 hours=62 days	18 days	33 days

*The course can be shortened up to three months by adjusting the time allocated to excursions and tour days besides specific days allotted for Self Studies & library works, sports etc. as the sample is given in Annexure I.

¹ Classroom sessions: Including sessions using such places in the premises as arboretum, nursery, demonstration plots, laboratory, computer room, etc.

1 CBO: Community Based Organization (ex: JFMC, SHG, etc.)