



**Mid Career Training Programme  
Phase – II (3<sup>rd</sup>) Course  
(2017 –18)**

**For IFS officers  
(14 – 16 years of service)**

**03<sup>rd</sup> to 29<sup>th</sup> July, 2017**

**Indira Gandhi National Forest Academy  
P.O.-New Forest Dehradun – 248 006  
[http//www.ignfa.gov.in](http://www.ignfa.gov.in)**

## **Mid Career Training (MCT) Programme for IFS Officers**

### **Phase-II (3<sup>rd</sup>) Course**

**03<sup>rd</sup> to 29<sup>th</sup> July, 2017**

Indira Gandhi National Forest Academy is organizing mandatory Phase – II Mid Career Training (MCT) Programme for IFS officers with 14-16 years of seniority and backlog candidates of other senior batches. This programme is meant for IFS officers of 2000 to 2003 batches and backlog category of senior batches is held from **03<sup>rd</sup> to 29<sup>th</sup> July, 2017**.

**2. Objective:** - The main objective of the training is to build upon the field exposure and experiences gained by the officer in their service and help them to improve their performance levels. The officer shall get an opportunity to test the validity of their learnings and to gather new skills and knowledge for applying at their workplace. The objective shall be met out by exposing the officers on various modules of the training program, as per the schedule given below.

<b>Complete duration</b>	<b>Management Module at IGNFA</b>	<b>Line Ministries Attachment at Delhi</b>	<b>Overseas Module</b>	<b>Forestry Module at IGNFA</b>
03 <sup>rd</sup> to 29 <sup>th</sup> July, 2017 (4 weeks)	03 <sup>rd</sup> to 08 <sup>th</sup> July, 2017 (1 week)	09 <sup>th</sup> to 14 <sup>th</sup> July, 2017 (1 week)	15 <sup>th</sup> to 22 <sup>nd</sup> July, 2017 (1 week)	23 <sup>rd</sup> to 29 <sup>th</sup> July, 2017 (1week)

**3. Mandatory nature:** - The Indian Forest Service (Pay) Rules have been revised vide notification no. 20011/1/2006-AIS-II dated 21.02.2008 and its amendment through IFS (Pay) Second Amendment Rule, 2008 vide notification no 14021/3/2008-AIS-II dated 27.09.2008, to make the MCT programmes compulsory for award of Junior Administrative grade, II<sup>nd</sup> Super time scale and further increments respectively to the concerned officers. Therefore, it would be the responsibility of the concerned State Government and the officer him/herself to be in a position to attend the programme as per the schedule.

**4. Out line of the course:** - The programme has been designed with great care based on scientifically assessed training needs of the IFS officers of 14-16 years of seniority.

**4.1. Management Module:** - The first week of the program is set aside to hone the managerial skills of the officers through experts from national level reputed agencies and institutions. The Negotiation Skills, conflict management, leadership skill, Stress management, Financial management, Competency based personnel management in HRD, Creation of enabling environment, Good Governance are main focal area of the management module which is organised in IGNFA Dehradun. The schedule of the management module is placed at **Annexure I.**

**4.2. Line Ministries Attachment:-** In the second week, the participants would be staying in Delhi and visit & interact with the various central government ministries and other institutions like National Green Tribunal, Central Zoo Authority, Central Pollution Control Board etc; to appreciate the line ministries working and possibility of synergy and convergence in forest working in the allied sectors. The schedule for the second week of the program is placed at **Annexure II.**

**4.3 Overseas Module: -** In the third week, the officers shall embark on a visit to Russia and Finland to study the best forestry practices followed in the respective countries on the themes such as Sustainable Forest Management, Environmental Management and Climate Change, Wildlife Conservation and PA Management, Ecotourism, Watershed Management, Forest Policy and Governance Issues and Wet Land and Coastal Resource Management etc. This module is blended with sufficient theoretical and practical inputs to enable the officers to understand the practices followed in their overseas module from context and applicability perspective to Indian scenario. A detailed schedule for overseas module showing the travel plan, daily program and practical information is placed at **Annexure-III** with participants list for Russia and Finland.

**4.4. Forestry Module:** - The final week will be held in IGNFA focusing on emerging Forestry issues, landscape based ecosystem management, media management, biodiversity and environment conservation issues and overseas module symposium. Best subject matter specialists on various themes are invited for the program from all over India. The forestry module is theme based

one and each day will be dedicated to one theme and various aspects of it will be deliberated upon. The schedule of the forestry module is placed at **Annexure IV**.

**5. Evaluation of participants:** - During the course, the performance of the participants in terms of their conduct, effective participation in the training program, completion of mandatory components of the training etc. would be closely monitored and evaluated by the Academy. Appropriate grading on their performance will be awarded and the informed to their concerned government and MoEF&CC.

**6. Training methodology:** - The training methodology adopted in the training program shall cover a range of methods such as Lectures, Case Studies, Syndicate Work, Films, Mock exercises, Field visits and hands on activity. The participants are encouraged to share their experience in relevant sessions and contribute by brain storming.

**7. Attendance:** - **90%** attendance compulsory in Management and IGNFA modules and **100%** attendance compulsory in tour/line ministries attachment components. The participants should get prior permission to absent from the training. The leave shall be granted only on medical grounds by the Director IGNFA.

**8. Performance assessment:** - Performance assessment shall be done on following pattern.

- 35 marks for participant's presentation/group presentation on overseas module
- 20 Marks for Group report
- 20 marks for active class room interactions and contributions
- 25 mark for conduct to be assessed by the Director IGNFA

**9. Grading:** - Based on the marks scored, the following grades shall be awarded to the participants. The decimals of the awarded marks shall be counted towards the next higher number to fit in the grades.

- A+ grade for marks above 90
- A grade for 81- 90 marks
- B grade for 71- 80 marks
- C grade for 70 and below

**10. Contacts:** - The following faculty members of the Academy are designated as course coordinators of the program. They may be contacted for any assistance on course related issues.

S. No.	Name	Office No.	Email Id	Mobile No.
1.	Dr. Shashi Kumar, Director	0135-2225201	ignfamctphase2@gmail.com	9410902625
2.	Shri Ganga Singh, Professor	0135-2225275	ignfamctphase2@gmail.com	9412997871
3	Dr. B. Balaji, Associate Professor	0135-2225228	ignfamctphase2@gmail.com	9412050565
4	Dr. P. Viswakannan, Associate Professor	0135-2225219	ignfamctphase2@gmail.com	9434285114

**11. Logistics and Other Requirements for the course:** - The programme would be completely residential and boarding facilities would be arranged by IGNFA at all places, excluding the boarding facility Overseas Module. Applicable allowances as per the Government norms for overseas module will be paid by IGNFA on need basis, during their stay in the Academy. All travel arrangements during the course would be made by IGNFA, except for the journeys to be made by the participants for reporting and departure from the Academy.

The participants are requested to get themselves acquaint about the weather of places that will be visited in the program and travel with proper gear. Since the officers may likely to call on ministers, senior officer & dignitaries during the course of the program, they are requested to bring formal dress to suit the occasions.

The participant's rooms would be equipped with desktop computers; still they are advised to carry their laptops for outdoor use.

During the programme, the participants will be provided single accommodation and under no circumstances, the family members would be allowed to accompany during the entire training programme including tours.

Officers should not carry any liability during the period of 03<sup>rd</sup> to 29<sup>th</sup> July, 2017 for absents from the training. Any absence from the program without prior permission of the Director IGNFA shall be viewed seriously and such officers may be discharged from the training and reverted back to their cadre. Their MCT program shall be treated as incomplete and appropriate recommendation shall be to their Government/Organization.

**12. Other aspects:** - IGNFA has arranged for Yoga classes for the officers during the first week and last week of the training program in the badminton hall near old mess. All the officers must attend this program.

The participants are encouraged to use the sports, library facility of the Academy and medical facility available from FRI hospital on need basis. Key contacts list is provided at **Annexure V** of this booklet.

The program will be over by 29<sup>th</sup> July, 2017 at 5.30 PM and the participants would be relieved from IGNFA to report to their concerned states / organizations.

**Indira Gandhi National Forest Academy**  
**Mid Career Training Programme, Phase-II (3<sup>rd</sup>) Course**  
**Schedule of Management Module**  
**(03.07.2017 to 07.07.2017)**

(Organized by  
**Indian Institute of Forest Management, Bhopal)**

**Programme Venue: Platinum Jubilee Hall, IGNFA, Dehradun**

<b>Day 1 : 03/07/2017, Monday</b>		
09.00am - 09.30 am	<b>Registration of Participants</b>	
09.30 am -10.30 am	<b>Inaugural Session</b> <ul style="list-style-type: none"> <li>• Opening Remarks and welcome address by Workshop Coordinator -Shri. Ganga Singh, Professor, IGNFA</li> <li>• Introduction of IGNFA &amp; IIFM Faculty &amp; MCT Participants</li> <li>• Overview of Management module by Dr. Rekha Singhal, Professor, IIFM</li> <li>• Inaugural Address by Dr Shashi Kumar, Director, IGNFA</li> <li>• Vote of thanks by MCT Coordinator, Dr.B.Balaji, Associate Professor, IGNFA .</li> </ul>	
10.30 am -11.00 am	Group Photograph followed by Tea	
Session	Topic	Resource Person(s)
Session – 1 (11.00 am -12.15 noon )	Understanding Behavior for Human Resource Management	Dr.Rekha Singhal
Session – 2 (12.15 noon -01.30 pm)	Understanding Self and Others	Dr.Rekha Singhal
<b>Lunch : 1.30 – 2.30 PM</b>		
Session-3 (2.30 pm -3.45 pm)	Conflict Management Skills	Dr. Amitabh Pandey
<b>Tea: 3.45 - 4.00 PM</b>		
Session – 4 (4.00 pm - 5.00 pm)	Negotiations and Decision Making	Dr. Amitabh Pandey & Dr. B.K. Upadhyay
<b>Day 2 : 04/07/2017, Tuesday</b>		
Session-5 6.30. am - 07.30 am	Yoga for All Participants	Dr. T.P. Singh
Session - 6 (09.30 am -10.45 am)	Understanding Personality and Personality Development	Dr. Sunita Rani
<b>Tea: 10.45-11.00 AM</b>		
Session - 7 (11.00 am -12.15 noon)	Competency Based Personnel Management	Dr. Sunita Rani
Session - 8 (12.15 noon -01.30 pm)	Experience Sharing of Mountaineering Expeditions	Dr. Sunita Rani
<b>Lunch: 1.30– 2.30 PM</b>		
Session-9 (2.30 pm - 03.45 pm)	Understanding Leadership	Dr. B.K. Upadhyay
<b>Tea: 3.45 – 4.00 PM</b>		
Session -10 (04.00 pm – 05.00 pm)	Leadership Skills	Dr. B.K. Upadhyay
<b>Day 3 : 05/07/2017, Wednesday</b>		
Session-11	Yoga for All Participants	Dr.T.P. Singh

6.30. am - 07.30 am		
Session - 12 (09.30 am -10.45 am)	Understanding Financial Statement	Dr. Ashutosh Verma
<b>Tea: 10.45-11.00 AM</b>		
Session - 13 (11.00 am -12.15 noon)	Analyzing Financial Statement	Dr. Ashutosh Verma
Session - 14 (12.15 noon-01.30 pm)	Strategic Communication	Shri Atul Shah Mr. Denzyl Cordeiro
<b>Lunch: 1.30– 2.30 PM</b>		
Session-15 (2.30 pm - 03.45 pm)	Synergy at Work- I	Shri Atul Shah Mr. Denzyl Cordeiro
<b>Tea: 3.45 – 4.00 PM</b>		
Session -16 (04.00 pm – 05.00 pm)	Synergy at Work-II	Shri Atul Shah Mr. Denzyl Cordeiro
<b>Day 4: 06/07/2017, Thursday</b>		
Session-17 6.30. am - 07.30 am	Yoga for All Participants	Dr. T.P. Singh
Session - 18 (09.30 am -10.45 am)	PACT- Positivity and Creative Thinking	Shri Atul Shah Mr. DenzylCordeiro
<b>Tea: 10.45-11. 00 AM</b>		
Session - 19 (11.00 am -12.15 noon)	NICE- Negotiate, Influence, Communicate and Express	Shri Atul Shah Mr. Denzyl Cordeiro
Session - 20 (12.15 noon -01.30 pm)	Conflict in Protected Area Management : Selected Cases	Dr. Ruchi Badola
<b>Lunch: 1.30– 2.30 PM</b>		
Session-21 (2.30 pm - 03.45 pm)	Good Governance	Shri Padamvir Singh
<b>Tea: 3.45 – 4.00 PM</b>		
Session -22 (04.00 pm – 05.00 pm)	Experiences and Cases of Good Governance	Shri Padamvir Singh
<b>Day 5:07/07/2017, Friday</b>		
Session-23 6.30. am - 07.30 am	Yoga sessions for All Participants	Dr.T.P. Singh
Session 24 (09.30 am – 10.45 am)	Stress Management	Dr. Vikrant Tomar
<b>Tea : 10.45 – 11.00 AM</b>		
Session 25 (11.00 am – 12.15 noon)	Work Life Balance	Dr. Vikrant Tomar
Session 26 12.15 noon -1.00 pm)	Conclusion and Feed Back	Dr. Ashutosh Verma Dr. B.K. Upadhyay
<b>Lunch : 1.00 pm onwards</b>		

**Course Coordinator from IGNFA:**

1. Shri Ganga Singh, Professor, IGNFA (Mob: 9412997871),  
Email: ganga5691@gmail.com
2. Dr.B.Balaji, Associate Professor, IGNFA (Mob: 9412050565)  
Email: balajipkm@gmail.com

**Course Coordinator from IIFM:**

3. Prof. Rekha Singhal (Mob: 9425303741) Email: rekha@iifm.ac.in;  
[rekhasinghal@gmail.com](mailto:rekhasinghal@gmail.com)

**Resource Persons:**

1. Shri Padamvir Singh, Retd. Director General Atal Bihari Institute of Good IAS,  
Governance and Policy Analysis, Bhopal
2. Dr. Vikrant Tomar Director, UMS INDIA



3. Dr. Sunita Rani Professor of Social Management, Lal Bahadur Shastri National Academy of Administration (LBSNAA), Mussoorie
4. Dr. Ruchi Badola Head Department of Ecodevelopment planning and participatory Management, Wild life Institute of India, Dehradun
5. Dr.T.P.Singh, Ayurvedacharya, Dehradun
6. Shri Atul Shah Director of the IMTR-Institute of Management Training & Research, Margao, Goa
7. Mr. Denzyl Cordeiro Live Life Foundation, Goa
8. Dr. Ashutosh Verma Associate Professor, Financial Management, IIFM, Bhopal
9. Dr. Amitabh Pandey Associate Professor, Sociology & Community Development, IIFM, Bhopal
10. Dr. B.K.Upadhyay Assistant Professor, Human Resource Management, IIFM, Bhopal.
11. Dr.Rekha Singhal Professor, Human Resource Management, IIFM, Bhopal

**Indira Gandhi National Forest Academy**  
**Mid Career Training Programme, Phase-II (3<sup>rd</sup>) Course**  
**Schedule of Line Ministry Attachment**  
**(10.07.2017 to 14.07.2017)**

Date /Time	10:00 – 11:30 hrs	11:30-12:00 hrs	12:00-13:30 hrs	13:30-14:30 hrs	1530-1730 hrs	
08.07.2017	<b>Preparation for Line Ministry Attachment and Oversee Module</b>					
09.07.2017	<b>Journey from Dehradun to Delhi</b>					
<b>Day 1</b> 10.07.2017	<b>Ministry of Tribal Affairs</b> <i>(Venue: Conference Hall of Ministry of Panchayati Raj)</i>	<b>T E A B R E A K</b>	<b>Ministry of Panchayati Raj</b> <i>(Venue: Conference Hall of Ministry of Panchayati Raj)</i>	<b>L U N C H  B R E A K</b>	Central Pollution Control Board (CPCB)	
<b>Day 2</b> 11.07.2017	<b>Ministry of Rural Development</b> <i>(Venue: Conference Hall of MoRD)</i>		<b>NITI Aayog</b> <i>(Venue: Conference Hall of NITI Aayog)</i>		<b>Central Zoo Authority of India (CZA)</b> <i>(Venue: Ganga Auditorium, MoEF&amp;CC)</i>	
<b>Day 3</b> 12.07.2017	<b>National Green Tribunal</b> <i>(Venue: Conference Hall of NGT)</i>		<b>National Green Tribunal</b> <i>(Venue: Conference Hall of NGT)</i>		<b>Ministry of AYUSH</b> <i>(Venue: Conference Hall of AYUSH)</i>	
<b>Day 4</b> 13.07.2017	<b>Ministry of New and Renewable Energy (MoNRE)</b> <i>(Venue: Conference Hall of MoNRE)</i>		<b>Ministry of Water Resources</b> <i>(Venue: Conference Hall of Ministry of Labour)</i>		<b>Ministry of Mines and Energy</b> <i>(Venue: Conference Hall of MoNRE)</i>	
<b>Day 5</b> 14.07.2017	<b>Ministry of Environment, Forest and Climate Change (MoEF&amp;CC)</b> Climate Change, CAMPA, GIM <i>(Venue: Conference Hall of MoEF&amp;CC)</i>		<b>Ministry of Environment, Forest and Climate Change (MoEF&amp;CC)</b> NAEB/ External Aided Projects <i>(Venue: Conference Hall of MoEF&amp;CC)</i>		<b>MoEF&amp;CC</b> NTCA <i>(Venue: Conference Hall of MoEF&amp;CC)</i>	Valedictory Session

**Indira Gandhi National Forest Academy**  
**Mid Career Training Programme, Phase-II (3<sup>rd</sup>) Course**  
**Schedule of Overseer Module**  
**(16.07.2017 to 22.07.2017)**

**DAILY PROGRAMME FOR RUSSIAN GROUP**

**Special emphasize on resource assessment, forest inventory, forest fires, wildlife management, road constructions, social importance of forests and political changes**

Time	Topic	Instructor	Teaching method	Place
<b>Arrival day – 15.07.2017 (Saturday)</b>				
	Arrival to Moscow Domodedovo airport AI 155 U 19:25 – 23:20 accommodation in the hotel	Mr. Maxim Trishkin (MT)	Interactive discussions and ice-breaking session in the bus	Cosmos hotel, Moscow <a href="http://www.hotelcosmos.ru/eng/">http://www.hotelcosmos.ru/eng/</a>
<b>Day 1 – 16.07.2017 (Sunday)</b>				
08:00-09:00	Longer sleep. Breakfast.			Cosmos hotel
09:00-10:00	Welcoming. Briefing of practical information. Wood transportation in Russia – opportunities and challenges. Economic feasibility of road construction	Prof., Vladimir Nikitin (VN)	Lecture/problem sets, open discussion	Cosmos hotel meeting hall
10:00-11:00	Russian geopolitical geography, country statistics and cultural peculiarities	Ass. Prof. Marina Mukovkina (MM)	Lecture/problem sets, open discussion	
11:00-11:30	Coffee break			Cosmos hotel
11:30-20:00	Sightseeing in Moscow city. Lunch in Indian restaurant	Guide, VN, MM, MT	Historical and cultural visit	Moscow region
20:00	Welcoming dinner in Indian Restaurant Om Shanti (Mira avenue 79)	MM, VN, MT	Interactive discussions and ice-breaking session	Moscow city. Returning to Cosmos hotel
<b>Day 2 – 17.07.2017 (Monday)</b>				
08:15	Departure from the hotel	MT		BMSTU BM, Mytishi, Moscow region
08:45-09:00	Introducing the premises, briefing about university	VN	Lecture/	
09:00-10:00	Introduction to Russian Forests, forest policy, silviculture methods, thinning operations, forest governance	MT	Lecture/problem sets, open discussion	BMSTU BM Moscow region
10:00-11:00	Wildlife management. Amur tiger conservation	Evgeny Lepeshkin (EL), Nikolay Shmatkov (NS)	Video conference/ interactive discussion	
11:00-11:30	Coffee break			
11:30-12:30	Forest certification and wood legality issues in Russia.	NS. Head of Forestry programme of WWF	Lecture/discussion	
12:30-13:30	Lunch (self-organized)			
14:30-17:00	Visit to Moscow zoo	VN, MM, MT	Guided tour/discussion	Moscow city
17:00-21:00	Free time. Possibility for shopping. Self-organized dinner	MT	Leisure time/cultural activity	Moscow city
<b>Day 3 – 18.07.2017 (Tuesday)</b>				
08:30	Departure from hotel	MT		Moscow region
09:30 – 12:00	Forest fire management: identification and firefighting. Presentation by Aerial Forest Fire Center ( <a href="http://www.aviales.ru/">http://www.aviales.ru/</a> ) Environmental consequences of large-scale forest fires.	Mr Andrey Eritsov (AE) Vice director	Demonstration / interactive discussion	Odintsovo training station
12:00-13:00	Lunch (self-paid)	MM, VN, MT		BMSTU BM Moscow

Time	Topic	Instructor	Teaching method	Place
				region
<b>14:00-16:00</b>	Presentation by Rosleskhoz (Federal Forestry Agency). The structure of the enterprise and its activities.	Experts from Rosleskhoz, VN, MT	Lecture / discussion	Rosleskhoz headquarters. Moscow city <a href="http://www.rosleskhoz.gov.ru/english/">http://www.rosleskhoz.gov.ru/english/</a>
<b>16.00-21.00</b>	Visit to Indian embassy. Evening reception			Moscow (Voroncovo pole 6-8)
<b>Day 4 – 19.07.2017 (Wednesday)</b>				
<b>08.45</b>	Departure from the hotel			Cosmos hotel
<b>09.30-13.00</b>	IKEA Sustainable Development Policy. Visit of IKEA store	Evgeny Zabubenin	Demonstration/lecture/open discussion	Khimki city, IKEA headquarters
<b>13.00-14.30</b>	Lunch (self-paid)			Khotkovo
<b>15.30-19.00</b>	Tour to Sergiev Posad			Sergiev Posad
<b>19.30</b>	Self-organized dinner			Cosmos hotel
<b>Day 5 – 20.07.2017 (Thursday)</b>				
<b>08:45-12:00</b>	Check out from the hotel. Departure to Tver region	MM, VN, MT		Tver region
<b>12:00-18:00</b>	Day is hosted by Ministry of Natural Resources in Tver region. Excursion to logging enterprise (logging, loading and terminals), OSB processing unit, forest management challenges in Tver region.	MM, VN, MT	Excursion/field visit/open discussion	Torzhok, Tver region
<b>12.30-13.30</b>	Lunch in Tver region	MM, VN, MT		Torzhok, Tver region
<b>18:00 -19:00</b>	Driving to Tver, overnighting			Tver city
<b>Day 6 – 21.07.2017 (Friday)</b>				
<b>08:30-13.00</b>	Departure from Tver. small city tour	VN, MM, MT	Historical/cultural site	Tver
<b>13.00-14.30</b>	Lunch on the way			Novgorod region
<b>14:30-17:30</b>	Processing unit in Podberezje (Flayderer-IKEA), production unit of IKEA	VN, MM, MT	Processing unit/demonstration/discussion	Podberezje, Novgorod region
<b>17.30 – 22.00</b>	Driving to St. Petersburg. Briefing about forest management in Russia. dinner (self-paid) on the way		Interactive discussion	St. Petersburg
<b>Day 7 – 22.07.2017 (Saturday)</b>				
<b>08:00-13.00</b>	Check out from hotel in St. Petersburg (loading luggage to the bus, departure Roschino larch plantation. Snack in the forest		Field visit/UNESCO heritage site	Roschino, Leningrad region
<b>13.00-17.30</b>	Sightseeing excursion. Lunch on the way. Possibility to visit zoological museum (mammoth)		Cultural/historical activity	St. Petersburg
<b>20.00 -</b>	Departure from Pulkovo airport to Moscow			
<b>Departure Day from St. Petersburg (Pulkovo) to Moscow (Sheremetyevo). Moscow – Delhi Flight SU 232 19:05 – 0330 (23.07.2017)</b>				

## DAILY PROGRAMME FOR FINLAND GROUP

**Special emphasis on bioeconomy, bioenergy, sustainable forest management, water management, inventory and multiple-use management planning – strategical level planning (National and EU) and holistic view of sustainable natural resources management as part of competitive and modern society**

Time	Topic	Instructor	Teaching method	Place
<b>Arrival Day 1 - 16.07.2017 (Sunday)</b>				
Arrival on early morning after midnight 00:35	Arrival in Helsinki (from Frankfurt)  LH 854 21:10 – 00:35  Bus transportation to <b>Hotel Helka</b> in Helsinki city centre	Karthikeyan Natarajan (KT)  <i>Phone: +358 50 4423033</i>		Address: Pohjoinen Rautatiekatu 23, Helsinki Phone: +358 9 613580
<b>11:00-13:00</b>	Welcoming and briefing of the course module, Finnish country and culture	KT	Interactive discussions and ice-breaking session	Helsinki
<b>13:00-14:00</b>	Lunch (self-paid)			
<b>14:00-19:00</b>	Helsinki City tour and free time	Prof. Emer., Dr Paavo Pelkonen (PP), KN	culture	Helsinki
<b>19:00-21:00</b>	Welcoming dinner	hosted by HE Indian Ambassador to Finland and Estonia A. K. Sharma	Interactive discussions and ice-breaking session	Indian Embassy
<b>Day 2 – 17.07.2017 (Monday)</b>				
<b>9:00-10:00</b>	Brief introduction to Finnish Forests, silviculture and forest management, Forest policy and governance in Finland	Adj. Prof., Dr Liisa Toivonen (LT), PP, KN	Lecture/discussion	Helsinki
<b>10:00-11:30</b>	Finnish Forest and Park Service “Metsähallitus”- State forests: business, conservation or other goods for the nation and nature?	On behalf of Director General Dr Pentti Hyttinen (or other forest officer)	Lecture, discussions and comments	Helsinki, Metsähallitus
<b>11.30-13:00</b>	Lunch (self-paid)			
<b>13:00-14:00</b>	Finnish Ministry of Agriculture and Forestry – national level strategies	Dr Liisa Saarenmaa Vice Director, Finnish Ministry of Agriculture and Forestry	Lecture, discussion and Comments from IFS Officers	
<b>14:30</b>	Bus trip to Joensuu Break for dinner (self paid) on the way		In bus: problems sets - discussion and challenging	
<b>21:00</b>	Arriving to Joensuu, Hotel Cumulus			Address: Kirkkokatu 20, Joensuu Phone: +358 200 48118
<b>Day 3 – 18.07.2017 (Tuesday)</b>				
<b>09:00-09:45</b>	Finnish holistic bioeconomy policy and Possibilities to replace fossil fuels with modern bioenergy applications	PP	Lecture, reflections to situation in India (IFS Officers)	
<b>10:00-10:45</b>	Optimizing forest rawmaterial availability to different purposes – availability of biomass for energy and other products	KN	Lecture, reflections to situation in India (IFS Officers)	
<b>11:00 – 12:30</b>	Excursion/ company visit to Aatelitalo wooden houses and wood heating solutions	Experts from the company, PP		

Time	Topic	Instructor	Teaching method	Place
12:30-13:30	Lunch (self-paid)			
13.30-17.00	Excursion/Field visit (by bus)  Field visit to see management practices, valuable habitats conservation in practice  Water management, how to take care of water reserves in forest management? Water issues and climate change?	Water expert and consultant Mr Janne Raassina	interactive discussions, field visit and practical case-studies concerning water management  <a href="http://www.snowchange.org/">http://www.snowchange.org/</a>	
18:00	Back to the hotel and free time Dinner (self-organized)			
<b>Day 4 – 19.07.2017 (Wednesday)</b>				
09:00-11:00 Coffee/tea	Advanced methodologies and tools for forest inventory, management planning, ICT-applications and ArboLiDAR for decision making.	On behalf of President of Arbonaut, Prof., Dr Tuomo Kauranne and other experts from Arbonaut	Lecture, company visit  Case studies: Finnish state forests and national parks, Case studies: tiger reserves in Nepal, REDD+ project, and commercial forest areas	
11:30-12:30	Lunch (self-paid)			
12:30 – 13:30	Nursery techniques and management	Experts to be verified		
13:30-17:30	Eco-tourism and voluntary conservation in private farm	Land-owner Ms Katri Vuorjoki	(Bus trip) Field visits	Rääkkylä
18:00-19:00	Dinner (self-paid)			
19:00 – 21:00	Get-together evening	BioAcademy Finland and other experts from companies and organizations		<b>Joensuu</b>
<b>Day 5 – 20.07.2017 (Thursday)</b>				
07:30	Departure from the hotel			Joensuu
08:15-10:15	Excursion to highly advanced Stora Enso Enocell pulpmill – with strict environmental monitoring and fiber production for multiple uses according to bioeconomy strategy targets	EnoCell pulp mill Director General Sauli Purho and other experts  LT, PP, KN	Company visit Interactive lecture, discussion	Uimaharju
10:30-11:30	Early lunch at local Indian restaurant (self paid)			Uimaharju
11:30 –  coffee/tea break on a way	Bustrip to Ranua near Rovaniemi  On the bus: reindeer husbandry and special rights of Lapland indigenous people for grazing.	LT, PP, KN	Activities and discussion about hunting, and game management	Bus trip to Ranua arctic wildlife park <b>(in Lapland)</b>
18:00	Arriving to Ranua Arctic Wildlife park			
19:00 – 19:45	Wildlife management, endangered species, hunting and man-animal conflicts.	Arctic wildlife park experts	Lecture and discussion	
19:45 -	Stay overnight in Ranua Arctic wildlife park. Dinner (self-paid)			Ranua
<b>Day 6 – 21.07.2017 (Friday)</b>				
08:00-9:30	Excursion to Arctic wildlife	Arctic wildlife park	Wildlife park visit	

Time	Topic	Instructor	Teaching method	Place
	park (Ranua Zoo), specialized in Finnish national fauna (+polar-bear) in their natural surroundings	experts		
<b>9:30-10:00</b>	Coffee/tea break			
<b>10:00-15:00</b> <b>Including lunch</b>	Reindeer husbandry and tourism in Lapland – visit to reindeer “farm” Possibility for: *Reindeer sledge ride *Snow-mobile safari (self paid)	Reindeer herder tells about the reindeer husbandry and living in a harmony with nature	Field visit – example of organized nonconventional tours arranged by park experts	
<b>15:00 – 15:50</b>	Bus to Rovaniemi			
<b>15:50-19:00</b>	Visit to Rovaniemi <b>Arctic Circle</b> (and Santa Claus)  Visit to Pilke –forest science centre (Finnish Forest and Park Service); Short lecture about forestry in arctic areas and effects of climate change	LT, PP, KN  Finnish Forest Service Metsähallitus experts	Experiencing the arctic circle  Lecture and experiencing the science centre interactive exhibition	
<b>19:00 – 21:15</b>  <b>21:45</b>	Dinner (self-organized). Night train to Helsinki  Late evening snacks on train restaurant	KN, PP	Farewell get-together	Overnight in comfortable night train (with restaurant car) <a href="http://www.360hosting.biz/vr/pages/maakuuvaunu/hytti_en.htm">http://www.360hosting.biz/vr/pages/maakuuvaunu/hytti_en.htm</a>
<b>Day 7 – 22.07.2017 (Saturday)</b>				
	Breakfast on the train restaurant car	KN, PP		Train
	Arrival to Helsinki airport			Train
	Departure to Frankfurt LH 855 06:35 – 08:10 & LH 849 13:50 – 1520 (in 2 groups) from Frankfurt to Delhi AI 120 21:15 – 08:30 (23.07.2017)			Flight

## Travel Plan for Russia Group

DATE	FLIGHT	DEPARTURE	TIME	ARRIVAL	TIME	Total No. of Participants
15JUL17	AI 155  AIR INDIA	DEL-DELHI, INDIA TERMINAL 3	1910	DME-DOMODEDOVO- MOSCOW, RUSSIA	2320 15JUL	30
22JUL17	SU 232  OPERATED BY: PJSC "AEROFLOT"	SVO-SHEREMETYEVO- MOSCOW, RUSSIAN FED. TERMINAL F	1905	DEL-DELHI, INDIA TERMINAL 3	0330 23JUL	30

## Travel Plan for Finland Group

DATE	FLIGHT	DEPARTURE	TIME	ARRIVAL	TIME	Total No. of Participants
15JUL17	AI 121  AIR INDIA	DEL-DELHI, INDIA TERMINAL 3	1335	FRA-FRANKFURT, GERMANY TERMINAL 1	1840 15JUL	31
15JUL17	LH 854  OPERATED BY: DEUTSCHE LUFTHANSA AG	FRA-FRANKFURT, GERMANY TERMINAL 1	2115	HEL-HELSINKI, FINLAND TERMINAL 1	0040 16JUL	31
22JUL17	LH 855 OPERATED BY: DEUTSCHE LUFTHANSA AG	HEL-HELSINKI, FINLAND TERMINAL 1	0635	FRA-FRANKFURT, GERMANY TERMINAL 1	0810 22JUL	15
22JUL17	LH 849  OPERATED BY: DEUTSCHE LUFTHANSA AG	HEL-HELSINKI, FINLAND TERMINAL 1	1350	FRA-FRANKFURT, GERMANY TERMINAL 1	1520 22JUL	16
22JUL17	AI 120  AIR INDIA	FRA-FRANKFURT, GERMANY TERMINAL 1	2115	DEL-DELHI, INDIA TERMINAL 3	0830 23JUL	31



## PRACTICAL INFORMATION:

### RUSSIA

Russia is the largest country in the world and holds also largest forest reserves. Russia is one of the most popular countries in the world. The official language is Russian but there are 27 other languages co-official in various regions of the country. The Capital city is Moscow with over 12 million inhabitants and one of the most famous cities globally. Many interesting tourist attractions (e.g. Red Square, Moscow Kremlin, subway etc.) as well as fascinating cultural interests, such as Bolshoi theatre, are in Moscow. Great many world famous authors (such as Tolstoi, Dostojevski, Pushkin and many more) and composers (such as Stravinsky and Rimski-Korsakov, Chaikovskiy) everybody have heard and they come from Russia.

Russian Federation's government is based on a democratic form of rule. The president is chosen in direct elections, and current president is Vladimir Putin and prime-minister is Dmitriy Medvedev. Russia is big producer of oil and natural gas.

Capital city: Moscow

Inhabitants: 143 million

Country code: +7

Currency: Russian ruble

#### Contact information:

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PhD researcher Maxim Trishkin, +7 916 441 2921

Hotel Cosmos, +7 495 234-12-06

CityMobil Taxi: +7 495 500-50-50

Yandex taxi: only through app.

Indian Embassy: +7 495 783-75-35 (st. Vorontsovo Pole, 6-8, Moscow)

In case of emergency call

**112**

**Police 102**

**Ambulance 103**

#### Things to keep in mind:

- **Temperature** in July varies a lot, ranging between 5-30°C. Some rains are also possible at this time of the year.
- **Language:** official language is Russian (Cyrillic alphabet). There are 35 different languages which are considered official languages in various regions of Russia, along with Russian. There are over 100 minority languages spoken in Russia today
- **Day-light hours** in Moscow in July, sun rises around 3:50 and sets at 21:00.
- **Safety in Moscow.** As a capital is very touristic place. Obviously there are pickpockets near the main tourist attractions. So look for your belongings, don't put your wallet or documents in the front pocket of your shirt or in the back pocket of your trousers.
- **Passport and migration card.** Please keep your passport and given migration card at passport control all the times when being out from the hotel.
- **Cosmos Hotel** location in the northern part of Moscow on Peace avenue bld. 150. It has over 1700 rooms on 25 floors; 5 restaurants (veg options available), pub, night club, pharmacy, gym and swimming pool (not included into room price), currency exchange, souvenir shops, beauty, spa saloon etc.
- **Police officers** patrolling the centre mostly speak or at least understand English. Hopefully you won't need their assistance
- **Food and drinks:** it is not advisable to drink water from the tap. Please buy bottled water. Water could be refilled from cooler (heat/cold water for drinking) next to the elevator in the Cosmos hotel. Food normally have high hygienic standards.
- **Electricity:** Electricity is 220V (230V), 50 Hz. Plugs are two-pin continental size.
- **Tipping:** Tipping is not restricted, but you do not have to tip unless you want too, until now is totally voluntary.
- **Shops** are open from 7 am to 23 pm, however some shops are operating 7/24. In some of the shops it might be possible to pay only by cash.

- **Smoking:** The non-smoking policy became very strict in Russia in last 5-7 years, meaning that smoking is prohibited in all public facilities (schools, busses, bus stops, shopping malls etc.). Cafés, bars and restaurants are also smoke free.
- **Health** No vaccinations or inoculations are required before arrival in general, however in some regions there is hepatitis, HIV etc.
- **Currency** in Russia is ruble. The best rates for exchanging foreign currency at Cosmos airport (they accept € and USD for exchange). Master Card, Visa and Maestro are accepted in hotels, restaurants, larger shops, and department stores. Visa Electron is also accepted in many shops and department stores. American Express, Diner's Club, Eurocard, Access have limited acceptance in the shops and hotels. Usually you can pay with credit/debit card in bigger shops, train, coffee shops etc. **1 ruble ≈ 1.17 INR, 10 rubles ≈ 11.73 INR**
- **Time.** The Russian time is three hours ahead of Greenwich Mean Time GMT+3. The time is not changed throughout the year.
- **People** under 40 mostly speak English quite well and you can always ask for directions. You might feel like people are a bit grumpy here, that's true, but most of them will be glad to help a tourist. In restaurants and bars you should find an English-speaking person without any problems.
- **WI-FI and phone connection.** Wireless internet connection could be found from hotel for free and in many public places. Getting Russian mobile phone sim card is complicated, since it requires registration and long awaiting time.

## FINLAND

Finland is one of the northernmost countries in European Union. A peninsula with the Gulf of Finland to the south and the Gulf of Bothnia to the west, the country has land borders with Sweden to the northwest, Norway to the north, and Russia to the east. Estonia is south of the country across the Gulf of Finland. Finland's population is 5.5 million (2014), and the majority of the population is concentrated in the southern region.

Near the city of Rovaniemi, **Arctic Circle** is a circle of latitude that runs 66°33'45.9" north of the equator are the major attraction in Finland. It marks the southernmost latitude where the sun can stay continuously below or above the horizon for 24 hours – these phenomena are known as the Midnight Sun in the summer and the Polar Night (“Kaamos”) in the winter. Santa Claus officially resides in a house built right on the Arctic circle, near the northern town of Rovaniemi in Lapland

Finland is a parliamentary republic with a central government based in the capital Helsinki, local governments in 317 municipalities, and an autonomous region, the Åland Islands. Current president is Sauli Niinistö from National Coalition Party. The current Prime Minister is Juha Sipilä of the Centre Party.

- Capital city: Helsinki
- Inhabitants: 5.5 million
- Country code: +358
- Currency: € (euro)

Most interesting facts about Finland:

- Finnish forest companies are amongst the world's biggest (e.g. Stora Enso and UPM)
- Nokia Corporation was the world's largest manufacturer of mobile telephones from 1998 to 2012, with a global market share of over 35% between 2006 and 2009.
- There are 187 888 lakes (larger than 500 m<sup>2</sup>) and 179 584 islands within the territory of Finland. Both are world records.
- Finnish athletes have won more Summer Olympic medals per capita than any other nation.
- Finland has More World Rally championships than any other country.
- Most famous composer is Jean Sibelius

### CONTACT NUMBERS:

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Bus Driver in Helsinki - Kalle Piironen + 358 40 551 2604

Bus driver in Joensuu – Pauli Hakkarainen +358 400 279 785

Indian Embassy, Kulosaarentie 32, 00570 Helsinki +358 46 955 3811

Hotel Helka (Helsinki) +358 9 613580 (Pohjoinen Rautatiekatu 23)

In case of emergency  
call  
**112**

Hotel Cumulus (Joensuu) + 358 200 48118 (Kirkkokatu 20)  
Holiday village Gulo Gulo (Ranua) +358 40 5563555 (Rovaniementie 29)  
Taxi in Joensuu (Itä-Suomen taxi) +358 601 10100  
Taxi in Rovaniemi: +358 600 30030  
Taxi in Helsinki: +358 100 0700

### Things to keep in mind:

- **Temperature** 10°- 30°C the lowest in winter and +30°C the highest in summer; no storms, no floods, no earth quakes, no sandstorms.
- **Day-light hours** during the summer season are between 24 and 20 hours depending on how north in Finland we go, similarly during winter day-light hours vary between 0 to 5 hours
- **In mid July**, sun rises around 04:00 and sets at 22:45.
- **Finnish society** is a welfare society and together with Sweden is the most competitive country in EU and well ahead of USA (e.g. innovations, new technology, university and business cooperation) (World Economic Forum)
- **Food and drinks:** You can drink the tap water in all Finnish towns and villages; it's very clean and delicious. Finnish food is of a very high hygiene standard.
- **Health** No vaccinations or inoculations are required before arrival. Finland is one of Europe's safest countries in terms of health and hygiene.
- Houses have central-heating, inside temperature around 21 C
- **Electricity:** Electrical current in Finland is 220V (230V), 50 Hz. Plugs are two-pin continental size.
- **Tippling:** A service fee is automatically included in restaurant and hotel prices/bills. Cafés, hairdressers or taxi-drivers do not expect tips.
- **Local language** is Finnish but most people can speak some English
- Hardly any snakes or insects that are poisonous
- Public service: advanced health care, public transportation, police, taxies, and post services
- Public security: the Finnish society is quite safe and people are very friendly
- **TAX REFUND:** Anyone permanently resident outside the EU and Norway can shop tax free in Finland, thus saving about 12 (max. 16) per cent on purchases of over 40 €. Only stores with "tax free shopping" signs will provide customers with a special receipt covering the VAT refund; this can be cashed upon leaving the last EU country visited.
- Most **shops** are open until 6 pm or 9 pm on weekdays and close between 3 pm and 9 pm on Saturdays. Some are open also on Sundays, while others are closed
- **Smoking:** The non-smoking policy is very strict in Finland, meaning that smoking is prohibited in all public facilities (schools, busses, bus stops, shopping malls etc.). Cafés, bars and restaurants are normally smoke free too.
- **Time:** The Finnish time is two hours ahead of Greenwich Mean Time. During summer India is two and half hours ahead of Finland (during winter three and half hours).
- **WI-FI and phone connection.** Wireless internet connection could be found from hotel for free and in majority of public places. Getting Finnish mobile phone sim card is very simple, prepaid sim-card with limited internet traffic can be purchased from R-kioski within the price range between 7-10€.
- **Currency** in Finland is € Euro as in most European Union member states. American Express, Diner's Club, Eurocard, Access, Master Card and Visa are accepted in hotels, restaurants, larger shops, and department stores. Visa Electron is also accepted in many shops and department stores. Usually you can pay with Visa card almost everywhere including taxi, bus, train, coffee shops etc.
- 1 € ≈ 71,40 INR, 10 € ≈ 714,02 INR

### Take with you to Russia and Finland:

- Waterproof and warm hiking boots/shoes – we will go to the forest
- Warm jacket, scarf, hat and gloves (pay attention to Karthik's winter outfit below)

swimming suit for ice-swimming if available.

**Indira Gandhi National Forest Academy**  
**Mid Career Training Programme, Phase-II (3<sup>rd</sup>) Course**  
**Schedule of Forestry Module**

(24.07.2017 to 29.07.2017)

**Programme Venue: Platinum Jubilee Hall, IGNFA, Dehradun**

Date and Time	Theme	1 <sup>st</sup> Session 0900 – 1015 hrs	2 <sup>nd</sup> Session 1015 – 1130 hrs	1130 1145	3 <sup>rd</sup> Session 1145 – 1315 hrs	1315 1415	4 <sup>th</sup> Session 1415 – 1545 hrs	1545 1600	5 <sup>th</sup> Session 1600 – 1730 hrs
24.07.2017	Landscape based ecosystem management	Environmental Governance & EIA Studies (Dr. P. Krishnan)		TEA	Community Forestry rights & Forest Department (Shri Uttam Kumar Sharma)	LUNCH	E-Green Watch, DSS and GIS applications in forestry at FSI. (Shri Saibal Dasgupta)	TEA	E-Green Watch, DSS and GIS applications in forestry at FSI. (Shri E. Vikram)
25.07.2017	Media Management	Understanding News and Interacting with Media (Outsource to XIMB, Bhubaneswar)	Crisis Communication (Outsource to XIMB, Bhubaneswar)		Mock Exercise on Crisis Communication (Outsource to XIMB, Bhubaneswar)		Media Management in Forestry: Case Studies (Outsource to XIMB, Bhubaneswar)		Experience Sharing by participants on Media Management
26.07.2017	Forest Resource Assessment and CAMPA	New Working Plan code (Shri L. Krishnamoorthy, IFS)	Participant's Presentation		Participant's Presentation		Participant's Presentation		Interaction with IFS (P) 2016 – 18 Batch (1630 – 1730 hrs)
27.07.2017	Biodiversity Environment & Governance self management	Recovering tigers – Lessons from the field (Dr. Debabrata Swain, I.F.S.)			Human-Wild animal conflict management and Protocols for rescue of wildlife and rehabilitation (Shri R.K. Dey, IFS)		Biodiversity act and community interface (Shri T. Rabi Kumar, IFS)		Wildlife crime and Wildlife Forensics (Dr. Shekar Kumar Niraj, IFS)
28.07.2017	Overseas module	Inclusion of gender issues in Forestry	Protected Area Management and Effectiveness Infrastructure Wildlife & FCA (Dr. V.B. Mathur)		Overseas module symposium (IGNFA and Overseas Institution)		Overseas module symposium/Experience Sharing (IGNFA and Overseas Institution)		Overseas module symposium/Experience Sharing (IGNFA and Overseas Institution)
29.07.2017	Course evaluation & valediction	Overseas module symposium (IGNFA and Overseas Institution)	Course Evaluation and Feedback (1100 – 1130 hrs)	Valedictory Session (1200 – 1300 hrs)	Relieving Formalities	Relieving Formalities			

1. Dr. P. Krishnan  
ARS, NNAARM, Hyderabad
3. Shri. Saibal Dasgupta,  
DG, FSI
5. Shri L. Krishnamoorthy  
CCF, Working plan, Ujjain, MP
7. Shri R.K. Dey  
APCCF, Chhattisgarh
9. Dr. Shekar Kumar Niraj  
Head, Traffic India

2. Shri Uttam Kumar Sharma  
Faculty, IGNFA
4. Dr. Niraj Kumar  
Professor, XIMB, Bhubaneswar
6. Dr. Debabrata Swain, I.F.S.  
ADG (PT) & MS (NTCA)
8. Shri. T Rabi Kumar  
Secretary NBA
10. Dr. V.B. Mathur  
Director, WII

**IGNFA Telephone Numbers**  
Exchange No. 0135-2225999, Fax No. 0135-2757314

S. No.	Name & Designation	PBX		Direct	
		(O)	(R)	(O)	(R)
1	Dr. Shashi Kumar, Director	5201	5555	2754647	2754715
2	Shri Ganga Singh, Professor	5275	-	2759995	-
3	Dr. Praveen Jha, Professor	5206	-	2753074	-
4	Dr. S. Senthil Kumar, Addl. Professor	5213	5502	2750775	2770799
5	Shri Uttam Kumar Sharma, Addl. Professor	5210	5514	2751470	2774840
6	Dr. B. Balaji, Asso. Professor	5228	5506	2757739	2754043
7	Dr. S.P. Anandh Kumar, Asso. Professor	5215	5515	2753072	2770836
8	Dr. K. Sasikumar, Asso. Professor	5234	5519	2751663	2774827
9	Dr. P. Viswakannan, Asso. Professor	5219	5501	2750785	2773253
10	Shri K. Kannan, Asso. Professor	5212	5511	2754395	2774279
11	Dr. A.K. Suman, A.L.I.O (Librarian)	5277	5521		
12	PA to Director	5201		2754647	
13	PA to Additional Director	5203		2757741	
14	Shri Amit Ruhela, Hindi Translator	5204			
15	Shri Brahm Singh, Head Clerk	5208			
16	Account Section	5272			
17	General Section	5207			
18	IST Cell	5273		2757738	
19	Shri Ashish Nautiyal (Sr. Caretaker)	5225		2772851	
20	Shri Ashok Kumar (New Hostel Caretaker)	5304			
21	Shri Satnam Singh (Old Hostel Caretaker)	5738			
22	Conference Hall (MCT)	5229			
23	Meeting Room	5230			
24	Lecture Hall No. 1 (Pine Hall)	5222			
25	Lecture Hall No. 2 (Shorea Hall)	5223			
26	Lecture Hall No. 3-4	5224			
27	Geomatics Lab	5247			
28	Bharat IT Computer Engineer	5211			
29	Reception (Main Building)	5200			
30	Reception (New Building)	5270			
31	Reception/Guard (New Hostel)	5300			
32	Reception/Guard (Executive Hostel)	5600		2754699	
33	Reception/Guard (Guest House)	5100			
34	Reception/Guard (Old Hostel)	5700			
35	Assembly	5123			
36	Pavilion	5124			
37	IGNFA Photostat Room	5243			
38	IGNFA Canteen	5244			
39	IGNFA Colony Gate	5500			
40	IGNFA PCO	5364			
41	Old Hostel D & E Block	5759			
42	CPWD Complaint	5362			
43	JE (Electrical, CPWD)	5363			
44	Control Room	5000			
45	New Forest Hospital (Duty Room)			2224608	

## **NOTES**