

NSQF QUALIFICATION FILE

CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

Name and address of submitting body:

Ministry of Environment, Forest & Climate Change (MoEF&CC)
Indira Paryavaran Bhawan, Jor Bagh Road,
New Delhi- 110003

Name and contact details of individual dealing with the submission

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List of documents submitted in support of the Qualification File

- 1. Curriculum with training plan (Annexure-I)**
- 2. Documentary Evidence of Need (Annexure-II)**

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SUMMARY

1	Qualification Title:	Certificate Course in Forest Fire Management
2	Qualification Code, if any: -	-
3	NCO code and occupation: -	-
4	Nature and purpose of the qualification (Please specify whether qualification is short term or long term):	<p>Nature of the qualification: Forest Fire Management</p> <p>Purpose of the qualification: The course will facilitate development of Forest Disaster preparedness, Mitigation & Management, leadership among individuals who will be able to contribute in generating awareness and up-gradation for sustainable development. The trained person can be part of forest management plan.</p> <p>Short Term</p>
5	Body/bodies which will award the qualification:	MoEF&CC
6	Body which will accredit providers to offer courses leading to the qualification:	MoEF&CC
7	Whether accreditation/affiliation norms are already in place or not, if applicable (if yes, attach a copy)	Training programmes would be undertaken as part of the Green Skill Development Programme (GSDP) under the ENVIS Scheme. The courses would be run by the ENVIS Hubs (hosted by the respective State Government /UT Administration) and ENVIS Resource Partners (RPs)- (hosted by environment-related governmental and non-governmental organizations/ institutes of professional excellence) and other institutes. The assessment of the training programmes would be a regular exercise as part of the Memorandum of Cooperation signed with ENVIS Hubs and RPs and Memorandum of Understanding (MoU) between the ENVIS Hubs/RPs and other GSDP Partners. The courses would also be run by the Autonomous Bodies/Institutes under the Ministry for which no MoC is required.
8	Occupation(s) to which the	Forest Departments, National Parks and

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	qualification gives access:	Sanctuaries, Nagar Nigam/Nagar Palika etc.		
9	Job description of the occupation:	Forest Fire Assistant		
10	Licensing requirements:	Permission from Forest Department in the States/UTs concerned		
11	Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided):	-		
12	Level of the qualification in the NSQF:	Level 5		
13	Anticipated volume of training/learning required to complete the qualification:	300 Hours		
14	Indicative list of training tools required to deliver this qualification:	Mentioned in the curriculum attached.		
15	Entry requirements and/or recommendations and minimum age:	XII Pass Minimum age of 18 years		
16	Progression from the qualification:	Forest Fire Manager/Master Trainers		
17	Arrangements for the Recognition of Prior learning (RPL):	There is no arrangement of RPL as of now		
18	International comparability where known (research evidence to be provided): NA	Not known		
19	Date of planned review of the qualification:	March 2020		
20	Formal structure of the qualification	Mandatory		
	Title of component and identification code/NOSs/Learning outcomes	Mandatory	Estimated size (learning hours)	Level
i.	Introduction of Forest	M	2	5
ii.	Forest cover and Forest fire	M	3	5
iii.	Forest degradation and its Impact on Ecosystem	M	3	5
iv.	Types of Forest Fire	M	4	5
v.	Forest Ecology	M	3	5
vi.	Forest Fire and its Impacts	M	4	5
vii.	Components of Forest Fire	M	3	5
viii.	Forest Fire – The Global Scenario	M	4	5
ix.	Forest Fire and Global Warming	M	3	5
x.	Forest Fire – The Indian Scenario	M	4	5
xi.	Socio Economic Significance of the Forests	M	3	5

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xii.	State specific Forest Fire Management	M	6	5
xiii.	Managing Forest Fire	M	6	5
xiv.	Forest Fire Management: Action Plan	M	8	5
xv.	Forest Fire Safety Tips	M	3	5
xvi.	Forest Fire Monitoring	M	4	5
xvii.	Incident Command System / Incident Response System (IRS) in India	M	2	5
xviii.	Nursery Techniques and its Management	M	40	5
xix.	Vermicomposting	M	12	5
xx.	Diseases and Pest Control of Plants	M	12	5
xxi.	Minor Forest Produce	M	4	5
xxii.	Medicinal and Aromatic plant	M	8	5
xxiii.	Rules and Regulation of Forest Fire	M	6	5
xxiv.	Environmental Impact Assessment	M	3	5
xxv.	Basic knowledge of Information Technology	M	12	5
xxvi.	Application of Remote Sensing and GIS in Forest Fire	M	18	5
xxvii.	Field Visit	M	30	5
xxviii.	Assignment	M	20	5
xxix.	Practical Work	M	50	5
xxx.	Written Exam	M	10	5
xxxi.	Project Report	M	10	5
Total			300	5

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SECTION 1 ASSESSMENT

21	Body/Bodies which will carry out assessment: The assessments will be carried out by the experts of Disaster Management Institute(DMI), Bhopal/Forest Department and other subject experts. These evaluators would be chosen from the panel of experts who are not part of the trainers. Based on the evaluation, certificates will be issued.
22	How will RPL assessment be managed and who will carry it out? No RPL in this programme
23	Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF. The assessment will be done through assignments, practical, and written exams followed by viva-voce. Moreover, students will be assessed regularly through questionnaires on every module in the classroom For practical examination, the trainers as well as course supervisors will constantly keep a vigil on the trainees. Any errors committed by the trainees will be corrected immediately; learning by doing technique will be adopted for practical assessment. In theory, a final examination will be conducted at the end of the course, in which 50% scoring will be considered to be as qualifying marks. The Assessments will be conducted through English/Hindi/Regional language Questionnaires. However, the invigilators (not Trainers/Supervisors) will be empowered to explain/translate the question to the trainees in their regional language, if required. The trainers will not be involved in the assessment, whatsoever, at any point.

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24. Assessment evidences

Title of Component:

Outcomes to be assessed/NOSs to be assessed	Assessment criteria for the outcome
<p>Introduction of Forest</p> <ul style="list-style-type: none"> • Types of Forest • Distribution of Forest • Ecology • Ecosystem • Evolution 	<p>Question answer session and practical work (Frequency, Density, Abundance etc), Field Demonstration etc</p>
<p>Forest cover and Forest fire</p> <ul style="list-style-type: none"> • Global scenario • Growing pressure on forest in India and Madhya Pradesh • Forest degradation and its impact • Causes for deforestation, Forest degradation • Forest fire – the major cause of forest degradation 	<p>Group Discussion, Questionnaires</p>
<p>Forest degradation and its Impact on Ecosystem</p> <ul style="list-style-type: none"> • Loss of Biodiversity (Flora, Fauna) • Eco Management • Prey-Predators System • Climate change • Diseases and pests • Forest fragmentation 	<p>Questionnaires, practical work</p>
<p>Types of Forest Fire</p> <ul style="list-style-type: none"> • Floor Fire • Underground Fire • Ground Fire • Crown Fire • Firestorms 	<p>Field Visit and Practical Work, Group Discussion</p>
<p>Forest Ecology</p> <ul style="list-style-type: none"> • Forestry • Silviculture, and Forest management • Relationship to other branches of ecology • Community diversity and complexity • Energy flux 	<p>Assignment, Essay writing, Questionnaires,</p>

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<ul style="list-style-type: none"> • Death and regeneration • Water Management • Nursery Management 	
<p>Forest Fire and its Impacts</p> <ul style="list-style-type: none"> • Why forest fire? • Causes of forest fire • Adverse impacts of forest fire • Forest fire and Climate change • Forest fire through ages 	Conducting Evaluation theory, practical test and Viva-voce on field
<p>Components of Forest Fire</p> <ul style="list-style-type: none"> • Fire triangle • Fuels for forest Fire • Surface fuels • Ground fuels • Aerial fuels 	Conducting Evaluation theory, practical test
<p>Forest Fire -The Global Scenario</p>	Conducting Evaluation Test
<p>Forest Fire and Global Warming</p> <ul style="list-style-type: none"> • Fire statistics and causes • Worldwide causes of forest fire • International Cooperation in Forest Fire Management • Incident Command System & International cooperation 	Assignment, Questionnaires, practical work
<p>Forest Fire – The Indian Scenario</p> <ul style="list-style-type: none"> • Forest fire statistics • Vulnerability of Indian forests towards forest fire • Forest fire season (Phenology) in India • State wise types of vegetation, causes of forest fire and management practices in India 	Assignment, Questionnaires, Field Demonstration & Field work
<p>Socio Economic Significance of the Forests</p> <ul style="list-style-type: none"> • Forests products harvested like medicinal herbs essential oils • Aesthetics and cultural values of Forest • Employment in Forestry • Minor Forest Produce 	Assignment, Questionnaires, Field Demonstration

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<p>State specific Forest Fire Management</p> <ul style="list-style-type: none"> • State specific Management System of Forest Fire • Messaging Alert System • Fire Control System • Fire Fighting Equipments 	<p>Practical & Field Demonstration, Mock Drill, Assignment work</p>
<p>Managing Forest Fire</p> <ul style="list-style-type: none"> • National Forest Policy • Changing forest management practices and forest fire • Forest fire management – initiatives • National plan for forest fire management 	<p>Theory test and Assignment work</p>
<p>Forest Fire Management: Action Plan</p> <ul style="list-style-type: none"> • Action plan for Forest Fire • Role & Responsibility of Forest Fire Manager 	<p>Conducting Evaluation theory test and Viva-voce</p>
<p>Forest Fire Safety Tips</p> <ul style="list-style-type: none"> • How to Prevent a Wildfire • Evacuation Tips • Fire Safety Tips for Kids • General Forest fire safety tips for Family • Plan your Water Needs • Do's and Don'ts during the Forest Fire 	<p>Mock Drill, Practical work, Assignment, Questionnaires</p>
<p>Forest Fire Monitoring</p> <ul style="list-style-type: none"> • Real time Monitoring • Monitoring through Messaging system • Monitoring through Forest Fire watcher etc. 	<p>Field visit & Demonstration</p>
<p>Incident Command System / Incident Response System (IRS) in India</p> <ul style="list-style-type: none"> • Essential components of ICS • Organizational structure of Incident Command System in Forest fire management • Command, Operations, Planning, Logistics • Damage Assessment • Relief Camps, Search, Rescue, Medical Assistance 	<p>Assignment, Theory & Practical test, Field activities</p>

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<p>Nursery Techniques and its Management</p> <ul style="list-style-type: none"> • Nursery bed preparation • Types of Nursery • Seed Selection • Polybag Making • Seedling • Cutting • Grafting • Transplanting • Packing of Nursery Plant • Sale Management of Plant 	<p>Assignment, Theory & Practical test, Field activities, Demonstration etc.</p>
<p>Vermicomposting</p> <ul style="list-style-type: none"> • Preparation of Biodegradable waste Management 	<p>Field activities, Practical Demonstration etc.</p>
<p>Diseases and Pest Control of Plants</p> <ul style="list-style-type: none"> • Preparation of Bioinsecticides & Pesticide, Growth Promoters • Nursery Diseases • Pest Control • Nutrient Management • Water Management 	<p>Field activities, Practical Demonstration etc</p>
<p>Minor Forest Produce</p> <ul style="list-style-type: none"> • Collection and importance of Minor Forest Produce 	<p>Practical work, Questionnaires, Field activities, Practical Demonstration etc</p>
<p>Medicinal and Aromatic plant</p> <ul style="list-style-type: none"> • Importance of Medicinal and Aromatic plant • Identification • Medicinal Use • Trade and Commercial importance of Medicinal and Aromatic plant 	<p>Field visit, Practical Demonstration etc</p>
<p>Rules and Regulation of Forest Fire</p>	<p>Questionnaires and Theory test</p>
<p>Environmental Impact Assessment</p>	<p>Questionnaires and Theory test</p>
<p>Basic knowledge of Information Technology</p>	<p>Practical work, Questionnaires</p>
<p>Application of Remote Sensing and GIS in Forest Fire</p>	<p>Practical work, Questionnaires</p>

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Field Visit at affected Forest Fire Areas, Research Institutes working on Forest Fire Management etc.	Field Visit, Case study, Report making, Practical work, Questionnaires
Assignment	Evaluate by the subject expert
Practical Work	Evaluate by the subject expert & faculties
Written Exam	Evaluate by the subject expert & faculties
Project Report	Evaluate by the subject expert & faculties

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SECTION 2

25. EVIDENCE OF LEVEL

OPTION A

Title/Name of qualification/component: Certificate Course in Forest Fire Management			Level: 5
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
Process	Trainers would get advanced knowledge on various aspects concerning fire safety, risk and disaster management in times of emergency. They shall be able to disseminate Forest Fire Disaster information on cross cutting issues.	The course will facilitate development of Forest Disaster preparedness, Mitigation & Management, leadership among individuals who will be able to contribute in generating awareness and up-gradation for sustainable development. The trained person can be part of forest management plan.	5
Professional knowledge	To understand the basic issues of forest fire disaster management like, prevention, planning, preparedness, mitigation, response, rescue, rehabilitation, recovery etc.	The course will enrich the students with through knowledge and understanding of all aspects of Disaster and its management. It inculcates topics such as types of Disasters (Natural /Man-made), its control & mitigation, Forest Disaster Management laws and Acts, effects of Forest Disasters on nature, climate change and living creatures etc.	5
Professional skill	Knowledge and skilling on Forest Fire Disaster Management and its environmental interventions.	The trained person will be able to collect the data on Forest Fire and it will be used in Forest Fire Management Plan.	5
Core skill	Forest Fire Management	This course will be based on conservation &	5

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Title/Name of qualification/component: Certificate Course in Forest Fire Management			Level: 5
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
		management of forest, biodiversity, ecotourism and wild life.	
Responsibility	Trainees shall be able to independently control and manage forest fire in situation of disaster management	The trainees would be responsible for safety, risk and disaster management in forest and would also be responsible for the development of group as master trainers/specialists.	5

SECTION 3
EVIDENCE OF NEED

26	<p>What evidence is there that the qualification is needed? What is the estimated uptake of this qualification and what is the basis of this estimate?</p> <table border="1" data-bbox="352 472 1374 1742"> <thead> <tr> <th data-bbox="352 472 639 595">Basis</th> <th data-bbox="639 472 1374 595">In case of other Awarding Bodies (Institutes under Central Ministries and states departments)</th> </tr> </thead> <tbody> <tr> <td data-bbox="352 595 639 1435">Need of the qualification</td> <td data-bbox="639 595 1374 1435"> <p>Forest Fires in India are mostly manmade. Forest Fires cause a lot of damage to Loss of Ecosystems and Biodiversity, Forest Degradation, Air Pollution, Soil Degradation, Economic Losses, Destruction of Watersheds, Impacts on Human Well-being and Health. Forest Fire also destroys large scale of forest vegetation and kills small burrowing animals and destroys bird eggs and nests.</p> <p>Report on “Forest Fire Disaster Management” published by National Institute Of Disaster Management, Ministry of Home Affairs, Govt. of India highlights forest as conservator of biological diversity, forest cover areas in states and UTs in India, reasons for diminishing forest cover in India and forest fire incidences in Indian states & UTs during 2008- 2011.</p> <p>Another paper emphasizes the importance of identifying and characterizing uncertainties in order to better quantify and manage them.</p> </td> </tr> <tr> <td data-bbox="352 1435 639 1559">Industry Relevance</td> <td data-bbox="639 1435 1374 1559">The curriculum/course syllabus has been prepared by the Scientists/Experts from Disaster Management Institute/Forest Department.</td> </tr> <tr> <td data-bbox="352 1559 639 1675">Usage of the qualification</td> <td data-bbox="639 1559 1374 1675">This course has been designed under GSDP for the first time.</td> </tr> <tr> <td data-bbox="352 1675 639 1742">Estimated uptake</td> <td data-bbox="639 1675 1374 1742">An uptake of 30 students is envisaged.</td> </tr> </tbody> </table>	Basis	In case of other Awarding Bodies (Institutes under Central Ministries and states departments)	Need of the qualification	<p>Forest Fires in India are mostly manmade. Forest Fires cause a lot of damage to Loss of Ecosystems and Biodiversity, Forest Degradation, Air Pollution, Soil Degradation, Economic Losses, Destruction of Watersheds, Impacts on Human Well-being and Health. Forest Fire also destroys large scale of forest vegetation and kills small burrowing animals and destroys bird eggs and nests.</p> <p>Report on “Forest Fire Disaster Management” published by National Institute Of Disaster Management, Ministry of Home Affairs, Govt. of India highlights forest as conservator of biological diversity, forest cover areas in states and UTs in India, reasons for diminishing forest cover in India and forest fire incidences in Indian states & UTs during 2008- 2011.</p> <p>Another paper emphasizes the importance of identifying and characterizing uncertainties in order to better quantify and manage them.</p>	Industry Relevance	The curriculum/course syllabus has been prepared by the Scientists/Experts from Disaster Management Institute/Forest Department.	Usage of the qualification	This course has been designed under GSDP for the first time.	Estimated uptake	An uptake of 30 students is envisaged.
Basis	In case of other Awarding Bodies (Institutes under Central Ministries and states departments)										
Need of the qualification	<p>Forest Fires in India are mostly manmade. Forest Fires cause a lot of damage to Loss of Ecosystems and Biodiversity, Forest Degradation, Air Pollution, Soil Degradation, Economic Losses, Destruction of Watersheds, Impacts on Human Well-being and Health. Forest Fire also destroys large scale of forest vegetation and kills small burrowing animals and destroys bird eggs and nests.</p> <p>Report on “Forest Fire Disaster Management” published by National Institute Of Disaster Management, Ministry of Home Affairs, Govt. of India highlights forest as conservator of biological diversity, forest cover areas in states and UTs in India, reasons for diminishing forest cover in India and forest fire incidences in Indian states & UTs during 2008- 2011.</p> <p>Another paper emphasizes the importance of identifying and characterizing uncertainties in order to better quantify and manage them.</p>										
Industry Relevance	The curriculum/course syllabus has been prepared by the Scientists/Experts from Disaster Management Institute/Forest Department.										
Usage of the qualification	This course has been designed under GSDP for the first time.										
Estimated uptake	An uptake of 30 students is envisaged.										
27	<p>Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences.</p> <p>NA</p>										
28	<p>What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF? Give justification for presenting a duplicate qualification</p>										

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	National Qualifications Register was searched to assess if there was any similar qualification and no overlap was found with the existing qualifications.
29	<p>What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated? Specify the review process here</p> <p>Feedback would be taken from experts, students and teachers regarding the course content, structure and timeline of the programme. Feedback will also be taken from the Centres conducting the course. Changes suggested will be assessed by the Ministry before incorporating them in the curriculum. Next review will be done in March 2020.</p>

SECTION 4

EVIDENCE OF PROGRESSION

30	<p>What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?</p> <p><i>Show the career map here to reflect the clear progression</i></p> <ul style="list-style-type: none">• The course will enrich the trainers with thorough knowledge and understanding of all aspects of Forest Disaster and its management. It inculcates topics such as types of Disasters (Natural /Man-made), its control & mitigation, Disaster Management laws and Acts, effects of Disasters on nature, climate change and living creatures etc.• The course will facilitate development of Disaster preparedness, Mitigation & Management, leadership among trainers who shall contribute in generating awareness and up-gradation programs for sustainable development. <p>Forest Fire Assistant --- On the Job Training --- Master Trainer— Forest Fire manager</p>
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Curriculum with training plan

S. No.	Title of Component	Sub Component	Estimated Size (Learning Hours)
1	Introduction of Forest	<ul style="list-style-type: none"> • Types of Forest • Distribution of Forest • Ecology • Ecosystem • Evolution 	2
2	Forest cover and Forest fire	<ul style="list-style-type: none"> • Global scenario • Growing pressure on forest in India and Madhya Pradesh • Forest degradation and its impact • Causes for deforestation, Forest degradation • Forest fire – the major cause of forest degradation 	3
3	Forest degradation and its Impact on Ecosystem	<ul style="list-style-type: none"> • Loss of Biodiversity (Flora, Fauna) • Eco Management • Prey-Predators System • Climate change • Diseases and pests • Forest fragmentation 	3
4	Types of Forest Fire	<ul style="list-style-type: none"> • Floor Fire • Underground Fire • Ground Fire • Crown Fire • Firestorms 	4
5	Forest Ecology	<ul style="list-style-type: none"> • Forestry • Silviculture, and Forest management • Relationship to other branches of ecology • Community diversity and complexity • Energy flux • Death and regeneration • Water Management • Nursery Management 	3

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6	Forest Fire and its Impacts	<ul style="list-style-type: none"> • Why forest fire? • Causes of forest fire • Adverse impacts of forest fire • Forest fire and Climate change • Forest fire through ages 	4
7	Components of Forest Fire	<ul style="list-style-type: none"> • Fire triangle • Fuels for forest Fire • Surface fuels • Ground fuels • Aerial fuels 	3
8	Forest Fire -The Global Scenario	<ul style="list-style-type: none"> • Fire statistics and causes • Worldwide causes of forest fire • International Cooperation in Forest Fire Management • Incident Command System & International cooperation 	4
9	Forest Fire and Global Warming	<ul style="list-style-type: none"> • About Global Warming • Impact of Global Warming • Green House Gases • Global Warming in Indian Scenario • Soil Moisture and Soil Erosion due to Forest Fire 	3
10	Forest Fire – The Indian Scenario	<ul style="list-style-type: none"> • Forest fire statistics • Vulnerability of Indian forests towards forest fire • Forest fire season (Phenology) in India • State wise types of vegetation, causes of forest fire and management practices in India 	4
11	Socio Economic Significance of the Forests	<ul style="list-style-type: none"> • Forests products harvested like medicinal herbs essential oils • Aesthetics and cultural values of Forest • Employment in Forestry • Minor Forest Produce 	3
12	State specific Forest Fire Management	<ul style="list-style-type: none"> • State specific Management System of Forest Fire • Messaging Alert System 	6

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		<ul style="list-style-type: none"> • Fire Control System • Fire Fighting Equipments 	
13	Managing Forest Fire	<ul style="list-style-type: none"> • National Forest Policy • Changing forest management practices and forest fire • Forest fire management – initiatives • National plan for forest fire management 	6
14	Forest Fire Management: Action Plan	<ul style="list-style-type: none"> • Action plan for Forest Fire • Role & Responsibility of Forest Fire Manager 	8
15	Forest Fire Safety Tips	<ul style="list-style-type: none"> • How to Prevent a Wildfire • Evacuation Tips • Fire Safety Tips for Kids • General Forest fire safety tips for Family • Plan your Water Needs • Do's and Don'ts during the Forest Fire 	3
16	Forest Fire Monitoring	<ul style="list-style-type: none"> • Real time Monitoring • Monitoring through Messaging system • Monitoring through Forest Fire watcher etc 	4
17	Incident Command System / Incident Response System (IRS) in India	<ul style="list-style-type: none"> • Essential components of ICS • Organizational structure of Incident Command System in Forest fire management • Command, Operations, Planning, Logistics • Damage Assessment • Relief Camps, Search, Rescue, Medical Assistance 	2
18	Nursery Techniques and its Management	<ul style="list-style-type: none"> • Nursery bed preparation • Types of Nursery • Seed Selection • Polybag Making • Seedling • Cutting • Grafting • Transplanting • Packing of Nursery Plant • Sale Management of Plant 	40

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19	Vermicomposting	<ul style="list-style-type: none"> Preparation of Biodegradable waste Management 	12
20	Diseases and Pest Control of Plants	<ul style="list-style-type: none"> Preparation of Bioinsecticides & Pesticide, Growth Promoters Nursery Diseases Pest Control Nutrient Management Water Management 	12
21	Minor Forest Produce	<ul style="list-style-type: none"> Collection and importance of Minor Forest Produce 	4
22	Medicinal and Aromatic plant	<ul style="list-style-type: none"> Importance of Medicinal and Aromatic plant Identification Medicinal Use Trade and Commercial importance of Medicinal and Aromatic plant 	8
23	Rules and Regulation of Forest Fire	Forest acts & rules and regulation	6
24	Environmental Impact Assessment	Environmental Impact Assessment focus on Forest Fire	3
25	Basic knowledge of Information Technology	Hands on Mobile Apps, Softwares, Basic knowledge of computer and Internet etc	12
26	Application of Remote Sensing and GIS in Forest Fire	General knowledge of Remote Sensing and GIS, GPS tools, Satellite Images	18
27	Field Visit	Field Visit at affected Forest Fire Areas, Research Institutes working on Forest Fire Management etc.	30
28	Assignment	Regular assign the work	20
29	Practical Work	Regular practical work will be done	50
30	Written Exam	End of the session	10
31	Project Report	End of the session	10