

**Term Paper list of M.Sc. Forestry 1<sup>st</sup> semester 2023-2025 Batch**

<b>S. No.</b>	<b>Name</b>	<b>Topic</b>
1.	Abhijeet M.S.	Machine learning potentials in forest management: A Review
2.	Ajay Kumar Bharti	Soil Carbon sequestration under different plantation in coal mine restored area of Jharkhand
3.	Anchal	Scenario of Forest fire in India
4.	Ankita Kumari	Vermi composting
5.	Ankita Sharma	An insight into recalcitrant seeds of forestry species in India
6.	Aswathi T.	Endangered vulture species in India: Threats and conservation
7.	Atul Kalia	Mycosphaerella leaf spot and phaeophleospora leaf blight of eucalyptus at solan district of Himachal Pradesh: A Mini Review
8.	Avishi Negi	Conservation strategies and threat to sacred groves of India
9.	Bhargavi Gollamandala	A mini- review on diseases of Neem
10.	Bhuwan Paudel	Developing allometric equation for estimating aboveground biomass of murraya koenigiin Nepal
11.	C. Manjunatha	The Role of Agroforestry in climate change mitigation
12.	Dharshan Chithravasan	The detrimental effects of deforestation on the environment and its contribution to global warming
13.	Divyansh Sharma	Role of Rhizospheric microbes in soil aggregation
14.	Ganga Kandel (SAARC)	Impact of forest fire on soil microorganism
15.	Hauru Pakyntein	Influence of air pollution on climate change and its effects on ecosystem services provided by urban green spaces
16.	Hrithik Dogra	Identification of prevalent agroforestry systems in Kasba Village, District Kangra, H.P.
17.	Jarun Simson	Air pollution tolerance index of tree species
18.	Kamesh .K	Indigenous Agroforestry practices by Badaga and irula in Nilgiris Tamil Nadu: Management sustainability and contribution to Household Economy
19.	Kanchi Guru	Human wild tiger conflicts: Central and northern India
20.	Kiran Bhagwanrao Aghav	The Expansion of thar desert and control measures
21.	Mathiuthonliu Nkengnamai	Assessment of bamboo resources and change in the bamboo resources in India
22.	Mayank Raj	A Review on significance of root characteristics and its importance in Agroforestry

23.	Megha Thakur	Urban Forestry: Concept, Benefits and Challenges
24.	Milind Gonalkar	Geological assessment of landslides in Uttarakhand: Implications for sustainable forest conservation and management
25.	Mridul Rai	Role of rhizobium in enrichment of nitrogen content in soil
26.	Pandit Ujjwal Bhardwaj	A Review: Past and present scenario of different Silviculture system
27.	Pragati Chandra	Impact of fire management practices on Forest resilience and post fire recovery
28.	Prateek Paudel (SAARC)	Impact of microplastic on soil
29.	Pratistha Rawat	Relationship between geology, soil and vegetation of Doon Valley, Uttarakhand
30.	Prithvi Raj Chauhan	Assessment of Forest encroachment at 'Melghat tiger reserve of Maharashtra' using remote sensing and GIS
31.	Pynwanjingsukiaki Rymbai	Study on status of tiger and lion in India
32.	Radhika Gusain	Role of Green Spaces in urban planning: Outlook of smart cities
33.	Rakshitha Gowda GM	Title: Water storage in Terminalia Elliptica: Mechanisms, significance, and implications
34.	Ravina	Bioremediation of problematic soil using forest trees
35.	Rixit Garg	Geological assessment of landslides in Himachal Pradesh: Implications for sustainable Forest Conservation and Management
36.	Sai Pratik Ojha	Environmental impact on pollination and pollinators community
37.	Saurabh Chandra	Role of NTFPs on tribal livelihood of Uttarakhand: A Review
38.	Shadab Alam	Use of molecular taxonomy in conservation of high valued medicinal plants- A Review
39.	Shivam Balaji Talekar	Tendu ( <i>Diospyros melanoxylon</i> Roxb) Leaf Production and Utilization in India.
40.	Sohini Chaudhury	A Contribution to the medicinal plants of Forest Research Institute Dehradun Uttarakhand
41.	Sunidhi Dhimaan	Navigation of migratory birds
42.	Sushan Acharya (SAARC)	COMPREHENSIVE REVIEW ON DIVERSE IMPACT OF FOREST FIRES ON SOIL PHYSIO-CHEMICAL PROPERTIES
43.	Swathi.C.S	Assessing major drivers and mitigation measures for human-elephant conflict in India
44.	Tannu Kumari	Introduction to techniques for tree transplantation in India
45.	Utkarsh Udit Angral	Tools and technique for forest monitoring
46.	Vaishali Vedwal	Effect of green belt on urban climate
47.	Vikas Verma	A Review on the seed germination and seed storage behavior of Sal ( <i>Shorea robusta. Gaertn.f.</i> )

**Term Paper list of M.Sc. Forestry 2<sup>nd</sup> semester 2023-2025 Batch**

<b>S. No.</b>	<b>Name</b>	<b>Topic</b>
1.	Abhijeet M.S.	EXAMINING THE ECONOMIC IMPACT OF FOUR KEY TREE SPECIES IN KERALA
2.	Ajay Kumar Bharti	REFLECTANCE SPECTROSCOPY FOR ESTIMATING SOIL ORGANIC CARBON: A REVIEW
3.	Anchal	INFLUENCE OF WILDFIRE ON FOREST FLORA AND FAUNA
4.	Ankita Kumari	WILDLIFE CONSERVATION IN INDIA: ISSUES AND CHALLENGES
5.	Ankita Sharma	A REVIEW ON WATERSHED PROJECTS BEING CARRIED OUT IN NORTH-WESTERN HIMALAYAS
6.	Aswathi T.	NON-TIMBER FOREST PRODUCTS AND TRIBAL LIVELIHOOD IN INDIA
7.	Atul Kalia	MAJOR STEM CANKER DISEASES OF <i>EUCALYPTUS</i> AND THEIR MANAGEMENT: A REVIEW
8.	Avishi Negi	Allelopathic tree crop interaction under Agroforestry system
9.	Bhargavi Gollamandala	SILK PRODUCTION IN ANDHRA PRADESH
10.	Bhuwan Paudel	A META-ANALYSIS ON ABOVEGROUND BIOMASS ESTIMATION APPROACHES
11.	Dharshan Chithravanan	MODERATION OF TRANSPORT EMANATION ON ENVIRONMENT
12.	Divyansh Sharma	ENDO-MYCORRHIZAL FUNGI INFLUENCE ON SOIL AGGREGATION AND STABILIZATION
13.	Ganga Kandel (SAARC)	ETHNOMEDICINAL USES OF PLANTS BY MAJOR ETHNIC GROUPS OF NEPAL: A COMPREHENSIVE REVIEW
14.	Hauru Pakyntein	“Unveiling subterranean Environmental Stressors: Impact on Urban Vegetation’s Functionality, Growth, and Health in a Changing Climate”
15.	Hrithik Dogra	SOCIOECONOMIC ANALYSIS OF DIFFERENT AGROFORESTRY SYSTEMS IN BAIJNATH VILLAGE, DISTRICT KANGRA, H. P.
16.	Jarun Simson	GROWTH ASSESSMENT OF OYSTER MUSHROOM CULTIVATION OF SUITABLE FOREST SUBSTRATES
17.	Kamesh .K	AGROFORESTRY FOR ECOSYSTEM SERVICES AND ENVIRONMENTAL BENEFITS
18.	Kanchi Guru	Community Reserves in India and Their Significance
19.	Kiran Bhagwanrao Aghav	BIOTECHNOLOGICAL TOOLS FOR SEED QUALITY EVALUATION AND ENHANCEMENT
20.	Mathiuthonliu Nkengnamai	KEY ANATOMICAL FEATURES OF BAMBOO FOR INDUSTRIAL UTILIZATION

21.	Mayank Raj	A REVIEW ON CARBON SEQUESTRATION POTENTIAL IN AGROFORESTRY
22.	Megha Thakur	IMPORTANCE OF WILDLIFE LAWS IN INDIA
23.	Milind Gonalkar	REHABILITATION OF DEGRADED FOREST LANDS IN INDIA: A COMPREHENSIVE REVIEW OF REHABILITATION STRATEGIES, MITIGATION TECHNIQUES AND INSPIRING CASE STUDIES
24.	Mridul Rai	A MINI REVIEW ON SYNTHESIS OF UREIDES IN LEGUMES
25.	Pandit Ujjwal Bhardwaj	APPRAISAL OF EXISTING AGROFORESTRY SYSTEMS IN SUJANPUR TEHSIL OF HAMIRPUR DISTRICT, HIMACHAL PRADESH
26.	Pragati Lata Chandra	PROTECTED AREAS NETWORK AND THEIR ROLE IN CONSERVATION OF BIODIVERSITY IN INDIA
27.	Prateek Paudel (SAARC)	ADVANCING URBAN CLIMATE CHANGE RESILIENCE: A REVIEW OF NATURAL AND GREEN MITIGATION STRATEGIES
28.	Pratistha Rawat	TREELINE SHIFT IN THE HIMALAYAS: A PRILIMINARY KNOWLEDGE AND DIRECTION
29.	Prithvi Raj Chauhan	A REVIEW OF METHODOLOGIES FOR FOREST ABOVEGROUND BIOMASS (AGB) ESTIMATION
30.	Pynwanjingsukiaki Rymbai	A REVIEW: DEVELOPMENT AND RESEARCH ON URBAN FORESTRY
31.	Radhika Gusain	BEST PRACTICES OF MIYAWAKI PLANTATION: MERITS AND DEMERITS
32.	Rakshitha Gowda GM	COMPARATIVE ANALYSIS OF INDIGENOUS SPECIES IN INDUSTRIAL FORESTS: EXPLORING SUSTAINABLE MANAGEMENT
33.	Ravina	THREATS, CHALLENGES AND MITIGATION CONTROL OF FOREST FIRES IN ALIEN SPECIES INFESTED AREAS
34.	Rixit Garg	A REVIEW: LEAF OUT PHENOLOGY OF TEMPERATE WOODY PLANTS (FROM TREES TO ECOSYSTEMS)
35.	Sai Pratik Ojha	A Review of impacts of linear infrastructure on wildlife India
36.	Saurabh Chandra	REVIEW ON LESSER-KNOWN WILD EDIBLE PLANTS OF UTTARAKHAND HIMALAYAS
37.	Shadab Alam	APPLICATION OF DNA BARCODING IN PLANT TAXONOMY
38.	Shivam Balaji Talekar	A review on Geranium and Patchouli (Essential Oil Yielding Plants)
39.	Sohini Chaudhury	ANALYZING HUMAN-WILD BOAR CONFLICT IN INDIA: MAJOR DRIVERS & STRATEGIES FOR MITIGATION
40.	Sunidhi Dhimaan	NITROGEN HARVEST: A JOURNEY THROUGH NATURAL EVOLUSTION AND HUMAN INGENUITY
41.	Sushan Acharya (SAARC)	Climate Change Vulnerability and Conservation Strategies For Nepal's Ramsar Sites: Safeguarding Freshwater Biodiversity and Ecosystem Services
42.	Swathi.C.S	ROLE OF BAMBOO IN CLIMATE CHANGE MITIGATION

43.	Tannu Kumari	MODERN TECHNOLOGIES USED BY SFD TO CONTROL FOREST FIRE IN INDIA
44.	Utkarsh Udit Angral	LIGNIN: A VERSATILE BIOPOLYMER FOR SUSTAINABLE MATERAIL DEVELOPMENT
45.	Vaishali Vedwal	FUTURE BEST PRACTICES, EMERGING TECHNOLOGIES TO CONTROL FOREST FIRE IN INDIA
46.	Vikas Verma	CARBON SEQUESTRATION