

FOREST RESEARCH INSTITUTE DEEMED TO BE UNIVERSITY
M.Sc. Environment Management Term Paper-I Topics
(2025-2027)

S.No	Name of Student	Topic
1.	Ajay Tomar	ENVIRONMENTAL IMPACT ASSESSMENT OF HYDROPOWER PROJECTS: AN ANALYSIS
2.	Akanksha	Remote Sensing and GIS-Based Approaches for Estimation of Above-ground Biomass in Forest Ecosystems: A Review
3.	Alisha Kumari	COMPREHENSIVE BIBLIOMETRIC REVIEW OF URBAN HEAT ISLAND STUDIES USING REMOTE SENSING WITH A FOCUS ON INDIA
4.	Amarnath Kumar	ZERO LIQUID DISCHARGE SYSTEM: A GROWING GLOBAL CONCERN
5.	Ananya Tamrakar	A CRITICAL REVIEW OF THE ENVIRONMENTAL IMPACT ASSESSMENT FOR THE GREAT NICOBAR ISLAND PROJECT: IMPACTS AND IMPLICATIONS FOR CORAL REEFS
6.	Anjana Sivadas	ANTHROPOGENIC GEOGRAPHIC CAUSES OF MUNDAKKAI LANDSLIDE
7.	Anshika Gupta	IMPACT OF FOREST FIRE ON HYDROLOGY
8.	Anubhav Chauhan	ASSESSING THE GLOBAL AND INDIAN SCENARIO OF ISO 14001:2015 IMPLEMENTATION FOR ENVIRONMENTAL MANAGEMENT
9.	Aryan Thakur	IMPACT OF CLIMATE CHANGE ON FOREST ECOSYSTEM OF HIMALAYAS
10.	Alex Pradhan	NATURE-BASES WASTEWATER TREATMENT IN HILLY REGION
11.	Anshika Sharma	ENVIRONMENT IMPACT ASSESSMENT OF HYDROPOWER PROJECTS IN INDIA
12.	Bhavya Gagneja	The Silent Aerosol Accelerator: Ammonia emissions from Indian agriculture and its mitigation
13.	Chhavi Sain	Application of geographic information systems and remote sensing in achieving Sustainable Development Goal 11 with reference to Urban Forestry: A systematic review
14.	Deepak Kumar	SOURCES AND CONSEQUENCES OF DEGRADATION OF GROUND WATER QUALITY
15.	Divyansh Suryawanshi	FLOOD CONTROL BY MANGROVE FOREST – A COMPREHENSIVE REVIEW
16.	Harshita Machhan	NUTRIENT SHIFT IN SOIL LAYERS OF SHIVALIK HILLS: A CLIMATE CHANGE IMPACT ASSESSMENT
17.	Jitendra Kotariya	REVIEWING THE AMENDMENTS IN INDIA'S EIA (ENVIRONMENT IMPACT ASSESSMENT) NOTIFICATION 2006
18.	Lalremruata Colney	SILVICULTURAL PRACTICES FOR ENHANCING BIODIVERSITY IN FOREST
19.	Nanveet Saini	SILICON DYNAMICS IN PLANTS, SOIL AND FOREST
20.	Neha Negi	ROLE OF PHYTOCHEMICALS AND NUTRITIONAL INTERVENTIONS IN TYPE-2 DIABETES MANAGEMENT: THERAPEUTIC POTENTIAL, MECHANISM, AND CHALLENGES

21.	Pranjal Kumar Singh	Environmental and Health Impacts of Major Chemical and Nuclear Disasters: Bhopal, Chernobyl, and Fukushima
22.	Pranjal Yadav	Forests, Carbon Neutrality, and Sustainable Development: An Integrated Approach to Climate Mitigation in India
23.	Pratiksha Saiyam	SUSTAINABLE URBAN PLANNING FOR AIR POLLUTION MITIGATION
24.	Priyanshi Manish Sindha	BNG AND EIA AS TOOLS OF BIODIVERSITY CONSERVATION: A COMPARATIVE APPROACH
25.	Rishika	ROLE OF <i>Rhododendron Arboreum</i> IN HIMALAYAN FOREST ECOSYSTEM
26.	Robin Jaiswal	ROLE OF ENVIRONMENTAL IMPACT ASSESSMENT (EIA) IN REDUCING CLIMATIC AND ANTHROPOGENIC PRESSURES ON HIMALAYAN FOREST ECOSYSTEMS
27.	Ingle Sanjivani Sheshrao	COMMUNITY SUSCEPTIBILITY TO INVASIVE SPECIES
28.	Satish Verma	TROPOSPHERIC OZONE ITS MONITORING AND CHALLENGES
29.	Saumya Vyas	IMPACT OF BELOWGROUND CARBON ALLOCATION ON SOIL HEALTH
30.	Sheelam Saroj	PERCEPTION OF ECOTOURISM AMONG VISITORS OF FOREST RESEARCH INSTITUTE CAMPUS, DEHRADUN
31.	Shivani K	CORPORATE SOCIAL RESPONSIBILITY SPENDING TRENDS IN THE ENVIRONMENT SECTOR
32.	Shivansh Chandel	PINE NEEDLE MANAGEMENT FOR FOREST FIRE MITIGATION AND BIODIVERSITY CONSERVATION
33.	Shraddha Mohapatra	Mangroves of Eastern India: Distribution, Conservation, and their role in coastal Climate Resilience
34.	Sindhu Parashuram Rathod	CLIMATE CHANGE IMPACT ON MIGRATION OF BUTTERFLY
35.	Sohini Sen	RIVER FLOODPLAINS AND RIPARIAN CORRIDOR OF NORTH INDIA: LINKING BIODIVERSITY CONSERVATION WITH SUSTAINABLE LAND MANAGEMENT
36.	Sowmya Latha Lakkam	ENVIRONMENTAL IMPACT ASSESSMENT OF IRON ORE MINING IN INDIA
37.	Sunil Dutt Pandey	ROLE OF EIA IN MINIMIZING BIODIVERSITY LOSS DURING INFRASTRUCTURE EXPANSION IN INDIA
38.	Suraj Singh Tomar	ROLE OF MICROBIAL FUEL CELL IN WASTEWATER TREATMENT
39.	Swetha B	MICROPLASTIC EFFECT ON PLANT GROWTH
40.	Upransh Parashar	ENVIRONMENTAL AND MANAGEMENT PERSPECTIVES OF RIVER VALLEY PROJECTS
41.	Utpal Bhardwaj	ENVIRONMENTAL IMPACT ASSESSMENT IN MINING OF ATOMIC MINERALS
42.	Varun Thakur	IMPACT OF DEVELOPMENTAL ACTIVITIES ON THE INCREASING FREQUENCY OF LANDSLIDES IN HIMACHAL PRADESH
43.	Yashwanth KR	ECOLOGICAL DATA INTERPRETATION

FOREST RESEARCH INSTITUTE DEEMED TO BE UNIVERSITY**M.Sc. Environment Management Term Paper-II Topics****(2025-2027)**

S.No	Name of Student	Topic
1.	Ajay Tomar	ENVIRONMENTAL IMPACT ASSESSMENT IN THE ERA OF CLIMATE CHANGE: A CRITICAL REVIEW
2.	Akanksha	Remote Sensing-Based Assessment of Blue Carbon Biomass Potential in Mangrove Ecosystems Using Sentinel-2 Vegetation Indices: A Case Study of the Sundarbans
3.	Alisha Kumari	QUANTIFYING THE COOLING EFFECT OF BLUE AND GREEN INFRASTRUCTURE IN DELHI FOR SUSTAINABLE URBAN PLANNING AND PUBLIC HEALTH
4.	Amarnath Kumar	CORPORATE ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORTING AND CARBON ACCOUNTING FRAMEWORK FOR ENVIRONMENTAL INDUSTRIES
5.	Ananya Tamrakar	INTEGRATING TURTLE CONSERVATION INTO ENVIRONMENTAL IMPACT ASSESSMENT IN INDIA: CHALLENGES, GAPS AND OPPORTUNITIES
6.	Anjana Sivadas	REVIEW ON CLIMATE CHANGE EFFECT AND IMPACT ON PEA FOWL SPECIES
7.	Anshika Gupta	ANALYSIS OF LAND USE AND LAND COVER FROM 1992 TO 2024 USING LANDSAT AND SENTINEL SATELLITE DATA
8.	Anubhav Chauhan	CORPORATE ACCOUNTABILITY & SCOPE 3 EMISSIONS: A CRITICAL REVIEW
9.	Aryan Thakur	INCREASING NATURAL DISASTER IN HIMALAYAS DUE TO CLIMATE CHANGE
10.	Alex Pradhan	ECOSYSTEM SERVICE VALUATION OF RIPARIAN ECOSYSTEM
11.	Anshika Sharma	FOREST FIRES IN UTTARAKHAND: CAUSES, CONSEQUENCES, AND REMOTE SENSING BASED ASSESSMENT: A REVIEW
12.	Bhavya Gagneja	Assessment of Land Use Land Cover Dynamics in Uttarakhand Using Landsat Imagery (2008-2025)
13.	Chhavi Sain	ASSESSING THE VEGETATION IN THE ARAVALLI REGIONS USING GEOSPATIAL TECHNIQUES
14.	Deepak Kumar	CRYOSPHERE POLLUTION: SOURCES, PROCESSES AND ENVIRONMENTAL CONSEQUENCES
15.	Divyansh Suryawanshi	WHERE DID BHOPAL'S GREEN COVER GO? A 35-YEAR USE LAND COVER ASSESSMENT OF BHOPAL DISTRICT USING RS AND GIS
16.	Harshita Machhan	NATURE-BASED SOLUTION FOR LANDSLIDE AND EROSION CONTROL IN HILLY TERRAIN: A CRITICAL REVIEW WITH LONG-TERM EMPIRICAL EVIDENCE FROM THE INDIAN HIMALAYAS
17.	Jitendra Kotariya	A REVIEW OF STRATEGIC ENVIRONMENTAL ASSESSMENT (SEA) FOR SUSTAINABLE DEVELOPMENT
18.	Nanveet Saini	SPATIO-TEMPORAL ANALYSIS OF LAND USE AND LAND COVER CHANGES IN AMROHA DISTRICT (1992-2025)
19.	Neha Negi	PRODUCTION OF VALUE-ADDED SILICA FROM WASTE BIOMASS: A SUSTAINABLE AND CIRCULAR ECONOMY APPROACH
20.	Pranjal Kumar Singh	LEGACY CONTAMINATION, REMEDIATION FAILURES, AND

		POLICY LESSONS FOR BHOPAL: A SYSTEMATIC REVIEW
21.	Pranjal Yadav	EXPLORING TRENDS AND PRIORITIES IN URBAN SOIL RESEARCH: A SPATIOTEMPORAL BIBLIOMETRIC REVIEW
22.	Pratiksha Saiyam	GREEN SHIELDS AGAINST AIR POLLUTION: SELECTING EFFICIENT PLANT SPECIES
23.	Priyanshi Manish Sindha	ARTIFICIAL INTELLIGENCE-DRIVEN ECOLOGICAL RESTORATION IN INDIA
24.	Rishika	FOREST FIRE REGIMES IN THE WESTERN HIMALAYAS: CAUSES, IMPACTS, AND MITIGATION APPROACHES
25.	Robin Jaiswal	IMPACT OF VOLATILE ORGANIC COMPOUNDS (VOCs) ON URBAN FORESTRY & CLIMATE MODULATION
26.	Ingle Sanjivani Sheshrao	NEXUS BETWEEN HUMAN WILDLIFE CONFLICT & HABITAT FRAGMENTATION IN MAHARASHTRA
27.	Satish Verma	Spatio-Temporal Dynamics of Crop Residue Burring and Its Impact on Ambient PM _{2.5} and PM ₁₀ Concentrations in Delhi NCR: A Remote Sensing and Statistical Assessment
28.	Saumya Vyas	MICROPLASTICS IN AGRICULTURAL SOILS
29.	Sheelam Saroj	ECONOMIC VALUATION OF MONUMENTS AND HERITAGE SITES: A REVIEW OF TRAVEL COST AND CONTINGENT VALUATION METHODS FOR ECOSYSTEM SERVICE VALUATION
30.	Shivani K	EVOLUTION OF ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) FRAMEWORKS IN INDIA
31.	Shivansh Chandel	COMMUNITY-BASED NATURAL RESOURCE MANAGEMENT IN THE HIMALAYAN REGION – A STUDY OF HIMACHAL PRADESH AND UTTARAKHAND
32.	Shraddha Mohapatra	Blue Carbon Ecosystem as Climate Mitigation Assets: Evaluating the Role of Carbon Credit Mechanisms in Enhancing Coastal Community Livelihoods
33.	Sindhu Parashuram Rathod	CLIMATE CHANGE IMPACTS ON FOREST TYPES OF INDIA
34.	Sohini Sen	BIOCLIMATIC, ANTHROPOGENIC AND TOPOGRAPHIC DRIVERS OF FOREST FIRE IN THE HIMALAYAN BIOGEOGRAPHIC ZONE
35.	Sowmya Latha Lakkam	ENVIRONMENTAL IMPACT ASSESSMENT OF WILDLIFE CORRIDORS WITH REFERENCE TO VERTICAL INFRASTRUCTURE DEVELOPMENT
36.	Sunil Dutt Pandey	RANGELAND RESTORATION AND SUSTAINABLE GRAZING MANAGEMENT IN INDIA
37.	Suraj Singh Tomar	GROSS ENVIRONMENTAL PRODUCT: INTEGRATING ECOSYSTEM SERVICES INTO ENVIRONMENTAL AND ECONOMIC ACCOUNTING-A COMPREHENSIVE REVIEW
38.	Swetha B	UPTAKE AND TRANSLOCATION OF MICROPLASTICS PLANTS: MECHANISMS, PHYSIOLOGICAL CONSEQUENCES, AND IMPLICATIONS FOR FOREST AND AGRICULTURAL ECOSYSTEMS
39.	Upransh Parashar	ASSESSING THE IMPACT OF LINEAR INFRASTRUCTURE DEVELOPMENT ON WILDLIFE INDIA: ECOLOGICAL IMPLICATIONS AND MITIGATION STRATEGIES
40.	Utpal Bhardwaj	Mitigation Measures for Atomic Minerals Mining Sector In India
41.	Varun Thakur	PERSPECTIVES OF ENVIRONMENT POLICY OF INDIA WITH RESPECT TO CLIMATE CHANGE MITIGATION
42.	Yashwanth KR	RESTORATION MEASURES FOR SHIFTING CULTIVATION LAND