

**FOREST RESEARCH INSTITUTE DEEMED TO BE UNIVERSITY**  
**M.Sc. WOOD SCIENCE & TECHNOLOGY MASTER'S THESIS TITLE 2019-2021**

Sl No.	Name of the students	Name of topic
1	Mayank Singh Thakur	Vacuum drying studies on <i>Pinus roxburgii</i>
2	Arushy Chaudhary	Drying studies on <i>Pinus roxburgii</i> In a modified solar kiln
3	Vishal Nivruti Lokhande	Study of effect on surface roughness of given wood species due to different grit sizes
4	Aniket Dhyaneshwar Bhujbal	Bending strength of <i>Eucalyptus hybrid</i> Finger joint with inclusion of nanoclay in pvac resin
5	Sahil Kumar	Performance evaluation of bamboo beams using pva adhesive with nano clay
6	Shivani	To study of bending strength properties of laminated bamboo beams
7	Simran Mulani	To study the measurement of colour on wood using different finishes
8	Meenal Dube	Microwave Treatment on Norway Spruce ( <i>Picea abies</i> ): Impact on Mechanical Properties, Surface Profile and Aesthetics of wood.
9	Subhranil Mahajan	Study on Protection and fastness of green colour of <i>Dendrocalamus strictus</i> treated with chromium-based reagents
10	Deepanker patel	Effect of steam quenching on mechanical properties of poplar wood
11	Mohd. Aslam	Effect of different intensities of microwave Treatment on preservative retention and finishing characteristics of norway spruce
12	Sushree Swagati Pradhan	Effect of different intensities of microwave Treatment on preservative retention and finishing characteristics of eucalyptus
13	Kompal Gupta	Comparative study between fire retardancy Achieved by non-pressure and pressure Treatment on sal ( <i>Shorea robusta</i> )
14	Chandrakanta Bankey	Comparison between the fire retardancy obtained by non-pressure and pressure treatment methods in hardwood <i>Hardwickia binnata</i>
15	Akanksha Sharma	Development of fire retardant particle boards of mixed lops and tops of Melia and Poplar
16	Abhilasha	Development of fire retardant particle boards of lops and tops of <i>Melia dubia</i>
17	Aakanksha Chawla	Fire retardant treatment of southern yellow pine with different chemical compositions
18	N Tejeshwar Murthy	Effect of fire retardant chemicals on glue shear strength of plywood
19	Paras Jhagta	Performance evaluation of fire retardant treatment on bamboo
20	Nitesh Raj	Effect of microwave pre-treatment on retention of 6% BBA preservative in wood specimens of <i>Picea abies</i>
21	Ayush Goonta	Effect on physical and mechanical properties of particle board of <i>Melia dubia</i> with addition of 3% zinc oxide nanoparticle in urea formaldehyde resin
22	Amit Kumar	The evaluation of physical properties and mechanical properties of the particle board of <i>Melia dubia</i> with addition of 2% of nano-zno to urea formaldehyde

23	Ghanshyam	The effect of addition of ZnO-nanoparticles to urea formaldehyde on the physical and mechanical properties of the particle board of <i>Melia dubia</i>
24	Priyanka Ghale	Effect of addition of nano-silica into Urea formaldehyde on the mechanical and the physical property of the particle Board of <i>Melia dubia</i>
25	Nitish Bhatt	Effect of nano zinc oxide on formaldehyde Emission from the particle boards of <i>Melia Dubia</i>
26	Nandini Walia	Microwave assisted resin impregnation of wood for improvement in dimensional stability
27	Mewada Thamoung	Using microwave induced plasma for improvement in wood surface hydrophobicity
28	Pranav Aditya Kanwar	A test to achieve a relation between strengths of dowel laminated beam, glue laminated beam and solid wood beam by tensile strength test.
29	Manjri Somal	Evaluation of Mold Resistance in Hydro-thermally treated Poplar wood
30	Anandu R.	Analysis of mechanical and anatomical properties of two bamboo species - <i>Thyrostachys siamensis</i> Gamble and <i>Dendrocalamus strictus</i> (Roxb.) Nees (Poaceae)
31	Sanmitra Dan	Thermal modification of <i>Lantana camara</i> for its value addition
32	Dishari Chatterjee	Photostability of wood coated with ZnO nanoparticles dispersed paraffin wax nanoemulsion
33	Rohit Singh	Study of impregnation modification of rubber wood with polyvinyl alcohol (PVA)
34	Rakesh Kumar Dhayal	Comparison of static and dynamic modulus of elasticity of spruce wood
35	Ankit Kumar Sharma	Decay Detection/Health Assesment Of Standing Tree of Shimla by Pass road in Dehradun using Ultrasonic Testing Technique

