

**FOREST RESEARCH INSTITUTE DEEMED TO BE UNIVERSITY**  
**M.Sc. WOOD SCIENCE & TECHNOLOGY MASTER'S THESIS TITLE 2017-2019**

Sl. No.	Name of the student	Title of the Thesis
1	Anjil Sharma	In-situ fumigation of Trimethyl Borate for wood preservation
2	Dheeraj Dasaya	Effect of different adhesives on the strength properties of Bamboo laminates
3	Diptikona Mondal	Study on vacuum kiln seasoning of <i>Melia azedarach</i>
4	Garima Joshi	Comparative study on the properties of vacuum Heat treated and oil heat treated wood
5	Jayant Chourasiya	Reconstituted wood (Scrimber) from destructured bamboo ( <i>Dendrocalamus Somdevai</i> ) for structural use
6	Jyothi Sree JS	Effect of adding Nano-clay on Formaldehyde Emission
7	Kanika Prajapati	Studies on anisotropic moisture sorption properties of wood coated with different finishes
8	Kevichulie Metha	Analysis of fire retardant property through TGA, DTG and flame retardant test on Bamboo laminates treated with various fire retardant chemical composition
9	Laqshika Patiyal	Analysis of variations in wood Microstructure of <i>Juglans regia</i> L.
10	Milan Bisht	Preparation and evaluation of strength parameters of bamboo floor boards prepared from strips of <i>Dendrocalamus giganteus</i>
11	Mohit Shukla	Effect of addition of nano-clay to urea formaldehyde on the physical and mechanical properties of the particle board of <i>Melia Azedarach</i>
12	Narayan Malgaya	Manufacturing of oriented strand board of bamboo ( <i>Dendrocalamus somdevai</i> )
13	Naveen Kumar C.K.	Efficiency of addition of nano-clay in the urea formaldehyde at different levels of concentrations is examined on the static bending parameters of finger jointed <i>Melia azedarach</i>
14	Nihal Basheer M.C	The effect of addition of Nano-SiO <sub>2</sub> to urea formaldehyde on the Physical properties and Mechanical properties of the particle board of <i>Melia Azedarach</i>
15	Nishtha Janpangi	Development of fibreboard using waste newspapers and lemon grass residue-an initiative to recycle the waste
16	Pankaj Barthwal	Evaluation of Polyurethane, Shellac and Mansion Wax Polish as coating materials in laminated bamboo sheets of <i>Dendrocalamus giganteus</i>
17	Premlata	Impact of surface roughness in wettability and coating adhesion
18	Priyanka Raut	Study on Dehumidification kiln seasoning of <i>Melia azedarach</i>
19	Rahul Rana	Anatomical wood variation in <i>Gmelina Arborea</i> along its natural distribution in the Indian subcontinent and it's potential for paper and pulp
20	Ritam Basu	A comparative analysis of Mechanical & Interfacial properties, weathering & Moisture uptake of Alkali and Dichromate Modified Fibres containing composites
21	Shubham Gangwar	Abrasion resistance studies on three wood coatings on the surface of <i>Melia azedarach</i>
22	Tek Chand	Effect of Cross Grain on strength of timber
23	Ubaid Kar	Study on drying behavior of <i>Melia azedarach</i> in solar kiln seasoning
24	Vandna Rana	Development of wood-bamboo mixed particle board using <i>Melia dubia</i> and <i>Bambusa polymorpha</i>
25	Vijay Patwariya	Development of Laminated bamboo lumber using <i>Dendrocalamus somdevai</i>
26	Vikas Ghildiyal	Effect of chemical pre-treatment on physical and mechanical properties of thermally modified wood

27	Zuhaib Ahmed shah	Comparative study of wood anatomical features in <i>Lagerstroemia Indica</i> L. and <i>Lagerstroemia speciosa</i> L.
28	Dushyant Kashyap	Evaluation of fire retardant property on bamboo laminates treated with different chemical composition
29	Isha Rawat	Improvement in bending strength of finger jointed sections of Bakain due to addition of Nanoclay in lower concentrations in thermosetting adhesive
30	Kamal Mishra	Compatibility of boric acid and silicic acid with phenol formaldehyde adhesive and its impact on mechanical properties of bamboo laminates
31	Navneet Singh Sirswal	Exploring the possibility of finger jointing in plywood using polyvinyl acetate glue
32	Prince Raj	Acoustic board made from distillery waste of lemon grass
33	Sachin Chauhan	Evaluation of physical and mechanical properties of medium density fibreboard of lemongrass
34	Shubham Chauhan	Effect of Span-Depth ratio on bending properties of particle board
35	Sourav Choudhury	Fibre (Jute and Banana) Reinforced epoxy composite: Effect of Alkali treatment
36	Subrata Pal	Bending and compressive strengths of laminated short beams of bamboo using two adhesives
37	Matpati Prithy P.	A Comparison of test results on large and small specimens for bending and compressive strength

