

FOREST RESEARCH INSTITUTE DEEMED TO BE UNIVERSITY
M.Sc. WOOD SCIENCE & TECHNOLOGY MASTER'S THESIS TITLE 2020-2022

Sl No.	Name of student	Thesis Title
1	Aditya Chaudhary	Study of impact on mechanical properties of Melia dubia at different drying stages during kiln drying.
2	Akshay Kumar	Effect of fire- retardant chemicals on properties of particle board
3	Amisha Chauhan	Testing the efficacy of Pongamia oil against wood decaying fungi <i>Oligoporus placentus</i> and <i>trametes versicolor</i>
4	Aniza Sherpa	Colour and finishing studies on ziboc preservative treated melia dubia wood
5	Anshul Pawar	Manufacturing of particle boards by using radio frequency curing technique
6	Arsh Sood	Study on bending strength properties of laminated short bamboo beams of <i>Dendrocalamus strictus</i> (Roxb.) using PVA adhesive and different nano-clay loadings
7	Ashutosh Pathak	Studies on strength properties of finger jointed sections of Eucalyptus hybrid with and without addition of nano clay in PVAC adhesive
8	Ch. Saiteja	Effect of vacuum kiln seasoning on <i>Mangifera indica</i> wood
9	Chumdemo Patton	Evaluation of dynamic modulus of elasticity on standing tree of <i>Pinus roxburghii</i> by ultrasonic wave method and compares it with static modulus of elasticity
10	Deepak Rana	Thesis title is Testing the efficacy of Neem Seed Oil against wood decaying fungi: <i>Oligoporus placentus</i> and <i>Trametes vericolor</i> on PDA media through Petri plate Bioassay
11	Hans Raj Thakur	Testing the efficacy of <i>Pongamia pinnata</i> seed oil against wood decaying fungi: <i>Poria monticola</i> and <i>Pycnoporus sanguineus</i> through petri plate bioassay and wood block bioassay.
12	Hiremath Samarth	Study on bending strength properties of laminated short bamboo beams of <i>Dendrocalamus somdevai</i> using PVA adhesive and different nano-clay loadings
13	Jasbir Singh	Impact of microwawe treatment with varying intensities on surface roughness, bending strength and aesthetics of Norway spruce (<i>pica abies</i>) wood."
14	Kalyani Sood	Preparation of medium density fibre board using radio frequency curing technique
15	Kshama Koparde	Fire performance of Rubber wood (<i>Hevea brasiliensis</i>) treated with Furfuryl alcohol in combination with Fire retardants
16	Kumar Arunesh	Development of Reconstituted Destructured Bamboo Board Using <i>Bambusa tulda</i>
17	Langjingba RK	An Innovative Bamboo Joint: Use of Friction Induced Rotation Welding
18	Mansimran Kaur	Influence on physical and mechanical properties of MDF boards of <i>Melia dubia</i> using 2% Nano silica fillers
19	Nikki Yadav	Tree growth-climate relationship in plantation cupressus cashmeriana grown in fri campus, dehradun

20	Pradeep Kumar Patel	Effect of progressive sanding using various grit papers to evaluate the spreadability of polyurethane coating on the wood surface
21	Punyo Nadii	Effect of sonication time on addition of 1% Nano-SiO ₂ to Urea formaldehyde on the Physical and Mechanical properties of Medium density fibreboards of <i>Melia dubia</i>
22	Punith D	Role of Nano-ZnO Dispersion in UF Resin Against mould deposition on the surface of MDF Boards made from <i>Melia dubia</i> and Bamboo Scrimbers
23	Puppala Kalyani	Effect of Vacuum Kiln Drying on <i>Pinus roxburghii</i>
24	Rohan Kumar Parida	Multiscale wood modification using chemo- thermo-hygro mechanical approach
25	Rahul Layek	Thermal Treatment on Norway Spruce (<i>Picea abies</i> L. Karst): Impact on Finishing Properties
26	Rohit Diwakar	Performance of fire retardant and preservative composition on <i>Bambusa tulda</i>
27	Shabnam Chauhan	Exploratory work on the preparation of adhesive free cross laminate timber: Role of wood species on the strength of welded joints.
28	Shahid A M	Development of Wood Based Green And Sustainable Aerogel for Multifunctional Applications
29	Simran Rana	Influence of addition of 2% nano-silica to urea formaldehyde resin on formaldehyde content and mycological properties of medium density fibreboard of <i>Melia dubia</i> .
30	Spardha Tyagi	Influence of addition of 1% nano-silica to urea formaldehyde resin on formaldehyde content and mycological properties of medium density fibreboard of <i>Melia dubia</i> .
31	Supram Mitra	Effect of thermal modification on physical, mechanical and biological properties of <i>Picea abies</i> (L.) Karst.
32	Surbhi Kumari	UV Resistance and Moisture Absorption of Transparent Wood Composite prepared from Acetylated Poplar Wood and Epoxy Resin
33	Sumit Sharma	Efficacy evaluation of neem seed oil against wood decaying fungi: <i>Poria monticola</i> and <i>Pycnoporus sanguineus</i> on mangifera indica through wood blocks bioassay and on pda medium through petri plates bioassay
34	Thangjam Samarat Singh	Properties of Particle Board reinforced with bamboo strip mat
35	Varun Sharma	Microwave vacuum drying of <i>Bambusa tulda</i>
36	Vikash Kumar	<i>Influence of addition of nanoclay to PVAS on bending strength properties of finger joint of Eucalyptus species</i>
37	Yeruva Tejasri	Vacuum drying studies on <i>Populus deltoides</i>

