

FOREST RESEARCH INSTITUTE DEEMED TO BE UNIVERSITY
M.Sc. WOOD SCIENCE & TECHNOLOGY MASTER'S THESIS TITLE 2018-2020

Sl. No.	Name of student	Title of thesis
1	<u>Ayushi Negi</u>	Study on the effect of heat treatment on dimensional stability of spruce wood
2	<u>Astha Dwivedi</u>	Effect of High Temperature Steam Treatment and Polyethylene Glycol 1000 Bulking on Drying Properties of Bamboo”
3	<u>Ankita Semwal</u>	Efficacy evaluation of neem oil and Pongamia pinnata oil against fungi Alternaria alternata, Aspergillus niger, Penicillium spp. On Melia dubia”
4	<u>Akshaya R</u>	Study on the Effect of White rot on Modified wood of Melia dubia through Thermo-Hygro-Modification”
5	<u>Abhishek Thakur</u>	Efficacy assessment of Thermo hygro mechanical modification against Mold in Melia dubia wood”
6	<u>Biswajit Debnath</u>	Development of leach resistant modified boron based wood preservatives for wood protection in exterior use
7	<u>Bimalendu Debbarma</u>	Effect of microwave pre-treatment on preservative retention of BBA (6%) and affect on strength properties in Picea abies and Melia composita”
8	<u>Divanshu Kaushal</u>	Effect of span depth ratio on the bending properties of plywood”
9	<u>Deepak Kumar Sharma</u>	Decay Detection/health Assessment of standing Tree of Rajpur Road In Dehradun using Ultrasonic Testing Technique”
10	<u>G Lakshmi Narayana</u>	Effects of nano silicon dioxide of physical and mechanical properties of particle board of melia azedarach
11	<u>Himanshu Rana</u>	To study the effect of fire retardant chemicals on the physical and mechanical properties of the particle board of Paper Mulberry”
12	<u>Harendra Yadav</u>	Effect of steam quenching on mechanical properties of poplar wood”
13	<u>Heshay Zangmo Lagzomji</u>	Manufacture and properties of particle board made from paper mulberry through hot platen press and radio frequency curing”
14	<u>Hemant Negi</u>	Static Bending Studies on Finger Jointed sections of Eucalyptus hybrid with addition of Nano-clay in two Low concentrations in PVAc adhesive”
15	<u>Joydeep Ghosh</u>	Evaluation of retention of wood preservatives and estimation of its leachability on thermo-hygro-mechanical modified melia dubia wood
16	<u>Jyoti Papola</u>	Effect of Preservatives on surface coatings of Melia dubia”
17	<u>Ketan Sharma</u>	The effect of addition of nano-ZnO to urea formaldehyde on the physical properties and mechanical properties of the particle board of Melia Azederach”
18	<u>Kamini</u>	Study on effect of brown rot fungus: oligoporous placenta on modified wood of melia dubia through thm modification ”
19	<u>Mrinal Pant</u>	Exploratory study on prevention of mould deposition onto the surface of bamboo(dendrocalamusstrictus) during service life by using nano zno
20	<u>Monika</u>	Eeffect of pressure on performance properties of hemp particle board
21	<u>Nishant</u>	Studies on Finger Jointed sections of Eucalyptus hybrid with addition of Nano-clay in PVAc adhesive
22	<u>Kumbhar Suraj Popat</u>	Bending strenghts of laminated short beams of bamboo using polyvinyl chloride (pvac) with nano clay
23	<u>Priya Devi</u>	Effect of Nanoclay on physical and mechanical properties of particleboard of Meliacomposita”

24	<u>Puneet Thakur</u>	Thermo Gravimetric Analysis of nanoparticles with Urea-formaldehyde
25	<u>Rohit Sharma</u>	Reshaping of Low Girth Poles from Plantations for Value Addition
26	<u>Ruchi</u>	Preparation of Laminated Bamboo Beams Using PVAc Adhesive With And Without 3% Nanoclay Inclusion”
27	<u>Suraj Sharma</u>	Bending strength of eucalyptus hybrid finger joint with inclusion of nanoclay in urea formaldehyde resin
28	<u>Sumit Bhatt</u>	Formation of bamboo beams using pvac adhesive containing nanoclay
29	<u>Souvik Ray</u>	Study on efficacy of azadirachta indica seed oil for control of fungi on bamboo
30	<u>Vipul Singh</u>	In-situ fumigation with trimethyl borate of imported piceaabies infected with a mixture of alternaria alternata(sap stain) and aspergillusniger(mold)
31	<u>Sunandini</u>	SCREENING OF Pongamia pinnata SEED OIL AGAINST MOLD IN Bambusa polymorpha THROUGH FUMIGATION
32	<u>Shubham Chaudhary</u>	Preparation of laminated bamboo beams using PVAc adhesive with 1% Nanoclay
33	<u>Satish</u>	ROLE OF RESIN ON PROPERTIES OF AGRO PEANUT SHELL BOARD
34	<u>Shamil Latheef</u>	Effect of Pressure on the Properties of Type II Compreg made from Combination of Poplar and Eucalyptus
35	<u>Usharani Sahu</u>	Estimation of chemical changes in wood due to high temperature steaming: use of near infrared spectroscopy
36	<u>Zeerak Tamkeen</u>	Bending strength enhancement of finger joint of melia azedarach by inclusion of nanoclay into urea formaldehyde (uf)
37	<u>Zagade Ankita Atmaram</u>	Effect of boiling point conditions on moisture reduction in vacuum drying of wood.
38	<u>LWin LWin Aung</u>	Studies on finger jointing of short sections of eucalyptus timber
39	<u>Su Myint Than</u>	Comparative study on physical and mechanical properties of plywood produced from eucalyptus and poplar veneer

