

FOREST RESEARCH INSTITUTE DEEMED TO BE UNIVERSITY
M.Sc. WOOD SCIENCE & TECHNOLOGY MASTER'S THESIS TITLE 2021-2023

Sl. No.	Student Name	Master Thesis Topic
1	A. Divya	Study about the bending strength properties of Laminated short Bamboo beams of <i>Dendrocalamus Somdevai</i> (Naithani) using PVA Adhesive and MMT Nano-Clay at 1% and 2%
2	Abhay Sharma	Evaluation Of Dynamic Modulus Of Elasticity On Standing Tree Of <i>Tectona Grandis</i> By Ultrasonic Wave Method And Compares It With Static Modulus Of Elasticity
3	Aditi Bhardwaj	Fire Performance And Sapstain (<i>Aspergillus niger</i>) Resistance On Eucalyptus Wood Treated With Furfuryl Alcohol In Combination With Fire Retardants
4	Ajithesh . P.S	Left
5	Anchal Sharma	Wood-Adhesive Bonding: Impact Of Surface Properties On Adhesion Imparted By Pva Adhesive On To The Wood Substrate
6	Brajendra Kumar	Effect of manufacturing pressure on properties of structural bamboo board of <i>Dendrocalamus somdevii</i> and Urea formaldehyde adhesive
7	Deeksha	Influence on Physical and Mechanical Properties of Medium Density Fibreboards of <i>Melia dubia</i> using 3% Nano-Zinc Oxide fillers
8	Deepak Singh Chauhan	Decay Detection/Health Assesment Of Standing Tree Of Rajpur Road In Dehradun Using Ultrasonic TestingTechnique
9	Dinoj D.G	Effect of microwave modification on <i>Picea abies</i> for nano ZnO impregnation for durability enhancement
10	Divyansh Nanda	Effect Of Addition Of 3 % Nano-Clay To Urea Formaldehyde Resin On Physicaland Mechanical Properties Of Medium Density Fibre Board Of <i>Melia Dubia</i>
11	Esha Mall	Vacuum Kiln Drying Studies on <i>Cinnamomum camphora</i>
12	Ganesh Prasad Panda	Vacuum Kiln Drying Studies on <i>Terminalia arjuna</i>
13	Girhepunje Rashmi Chandrashekhar	Development Of Structural Bamboo Board Using <i>Dendrocalmus somdevai</i> and Urea Formaldehyde Adhesive
14	Jaitwar Akshay Dindayal	Efficacy evaluation of threshold concentration of <i>Cedrus deodar</i> L. extract against wood decaying fungi: <i>Pycnoporus sanguineous</i> , <i>Poria monticola</i> & <i>Sap stain Aspergillus niger</i> through Fumigation on <i>Mangifera indica</i> .
15	Jopi Bomjen	Study of Vacuum Kiln Seasoning on <i>Michelia champaca</i>
16	Karik Mibang	To Study the Effect of Different Concentrations of Montmorillonite Clay Mixed With Pva For Determining Strength Properties of Short-Laminated Bamboo Beams of <i>Dendrocalamus strictus</i>
17	Kashish Santosh Chambyal	Effect Of Thermal Modification On Physical And Mechanical Properties Of <i>Melia dubia</i>

18	M. Bhaswanth Sai Teja	Analysis of strength properties of Bamboo beams of <i>Dendrocalamus strictus</i> (Roxb.) treated with nano-clay Montmorillonite and Polyvinylacetate adhesive through static bending tests
19	Nakka Varun	Effect of microwave pre-treatment on preservative retention, treatability and biological durability of <i>Melia dubia</i>
20	Nikit Chauhan	Studies on wood bending : combining multiscale factors
21	Pratyasha Sarangi	Development Of Structural Bamboo Board Using <i>Dendrocalamus membranaceus</i> and Urea Formaldehyde Adhesive
22	Preetika Pundir	Exploring the Eco-Friendly Biodegradable Alternate To Plastic Cutlery: Productive Utilisation of Bamboo Waste
23	Rithik Kumar	Study on Simulation of Wood Member Under Static Bending And Compression Load: Use of Finite Element Model Via Cadfem Software.
24	Roshan Patel	Study on Flexural Strength Properties of Sleeve Metallic Plate Jointed Single and Multiple Bamboo Beams
25	Sahil Sharma	Evaluation of Dynamic Modulus of Elasticity On Standing Tree of Shorea Robusta By Ultrasonic Wave Method And Compares It With Static Modulus Of Elasticity
26	Shikha Kumari	Effect of Manufacturing Pressure on Properties of Structural Bamboo Board of <i>Dendrocalamus membranaceus</i>
27	Sidharth Maithani	Influence of Addition of 3% Nano Silicon Dioxide To Urea Formaldehyde Resin on Physical and Mechanical Properties of Medium Density Fibreboards of <i>Melia Dubia</i>
28	Soumya Bikash Adhikari	Influence of Drying Methods on Stiffness of Some Important Timbers
29	Suchitra Surbhi	To Study The Bending Strength Characteristics Of Short Laminated Bamboo Beams Made of <i>Dendrocalamus Somdevai</i> With Pva And Different Loadings of Ontmontmorillonite Clay
30	Sumit Kumar Nitharwal	Decay Detection/Health Assesment of Standing Tree of Raipur Road in Dehradun Using Ultrasonic Testing Technique
31	Swayam Prangya Sahoo	Efficacy evaluation of <i>Eucalyptus globulus L.</i> Oil extract against wood decaying fungi <i>Pycnoporus Sanguineus</i> , <i>Poria Monticola</i> and wood staining fungi <i>Aspergillus niger</i> through wood block bioassay of <i>Melia dubia</i>
32	Tamanna Sharma	Vacuum Kiln drying studies on <i>Callistemon lanceolatus</i>
33	Tanneru Saavya	Left
34	Vikram Choudhary	Effect of Adhesive Curing Temperature on Properties of Particle Board
35	Y.P Dushyanth Ponnappa	Effect of <i>Aspergillus niger</i> on various wood finishes coated on mango wood (<i>Mangifera indica</i>)
36	Yashika Kumari	Effect Of Addition Of 2 % Nano-Zinc Oxide To Urea Formaldehyde Resin On Physical And Mechanical Properties Of Medium Density Fibre Board Of <i>Melia dubia</i>

37	Yogesh Kumar Negi	Influence Of Addition Of 1% Nano Zinc Oxide To Urea Formaldehyde Resin on Physical and Mechanical Properties of Medium Density Fibreboards of <i>Melia dubia</i>
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