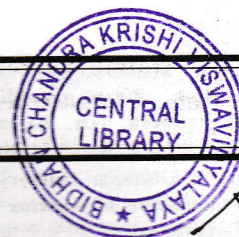


# THESES OF THE MONTH

## SCIENCE & TECHNOLOGY



### A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of September-October, 2016)

#### AGRICULTURAL & VETERINARY SCIENCES

##### ✓ Agronomy

1. Jaidka, Manpreet. **Growth regulation and defoliation studies for source-sink optimization and synchronized maturity in soybean (*Glycine max L merrill*)**. Department of Agronomy, Punjab Agricultural University, Ludhiana.

##### ✓ Biochemistry

1. Manpreet Kaur. **Biochemical indicators of selenium toxicity tolerance in wheat (*Triticum aestivum L*)**. Department of Biochemistry, Punjab Agricultural University, Ludhiana.

##### ✓ Biotechnology

1. Jaiswal, Sumit Kumar. **Bioaccessibility of selenium in wheat, rice and mustard grown in seleniferous soils and its bioactivity**. (Dr. N Tejo Prakash), Department of Biotechnology, Thapar University, Patiala.

##### ✓ Food Science and Technology

1. Raleng, Angam. **Optimization of process parameters for extrusion, frying, packaging and storage of snack food using agro processing byproducts**. Department of Processing & Food Engineering, Punjab Agricultural University, Ludhiana.

##### ✓ Forestry

1. Akhilesh Kumar. **Age class distribution of genetic diversity in *cedrus deodara* (Roxb) G don and identification of region specific markers**. (Dr. Santan Barthwal and Dr. H S Ginwal), Department of Forest Biotechnology, Forest Research Institute, Dehradun.

2. Bhatt, Shweta. **Study on development of eco-friendly preservative combinations of silicic acid boric acid for plywood**. (Dr. Sadhna Tripathi and Dr. D P Khali), Department of Wood Science and Technology, Forest Research Institute, Dehradun.

3. Bhroru, Yasir Ullah. **Study on unified thermal and neem seed oil treatment of *pinus radiata* for durability and dimensional stability improvement**. (Dr. Sadhna Tripathi), Department of Wood Science and Technology, Forest Research Institute, Dehradun.

4. Choudhary, Meena. **Improvement of protocol for in vitro cloning *terminalia arjuna roxb* and field trails**. (Dr. I D Arya), Department of Forest Biotechnology, Forest Research Institute, Dehradun.

5. John, Asieleavio. **Studies on the efficiency of different wood coatings in controlling moisture exchange**. (Dr. Kishan Kumar V S), Department of Wood Science and Technology, Forest Research Institute, Dehradun.

6. Kanchan Kumari. **Study of genetic diversity in *pongamia pinnata* (L) Pierre genotypes from Jharkhand using microsatellite markers**. (Dr. Sanjay Singh), Department of Forest Biotechnology, Forest Research Institute, Dehradun.

7. Kandpal, Jyoti. **Nitrogen fixation and assimilation behaviour in relation to seasonal variation in *Albizia procera* (Roxb) benth**. (Dr. S P Chaukiyal), Department of Plant Physiology, Forest Research Institute, Dehradun.

8. Kaushal Singh. **Effect of land use types on floral diversity and carbon stock in Jodhpur District of Rajasthan**. (Dr. G Singh), Department of Forest Ecology and Environment, Forest Research Institute, Dehradun.

9. Kutty, T P Narayanan. **Ecology and population trends of the butterflies in the butterfly safaris in Thenmala, Kerala, India**. (Dr. George Mathew), Department of Forest Entomology, Forest Research Institute, Dehradun.

10. Manjan, Shiv Kumar. **Hydrological modeling to study the impact of land use/land cover change on hydrological regime and soil erosion: A case study of Bagmati River Basin of Nepal**. (Dr. S P Aggarwal), Department of Forest Hydrology, Forest Research Institute, Dehradun.

11. Niteesh Kumar. **A systematic study of grasses (Poaceae and bambusoideae) of temperate/alpine region of Mandal forests (Kedarnath Wildlife Sanctuary) with reference to their Kranz anatomy**. (Dr. Suhash Nautiyal), Department of Forest Botany, Forest Research Institute, Dehradun.

12. Poonia, Pawan Kumar. **Study of microwave application for preservative treatment improvement in wood**. (Dr. Sadhna Tripathi), Department of Wood Science and Technology, Forest Research Institute, Dehradun.

13. Sinha, Amrita. **Studies on DNA barcoding in Eastern Indian bamboos**. (Dr. Sanjay Singh), Department of Forest Biotechnology, Forest Research Institute, Dehradun.

##### Genetics & Plant Breeding

1. Bindra, Shyela. **Introgression of urdbean anthracnose resistance and yield components involving *Vigna Mungo* x *V umbellata* hybridization**. (Dr. R K Mittal), Department of Plant Breeding & Genetics, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

##### ✓ Microbiology

1. Patel, Vrutika Pravinbhai. **Study of microbial diversity inhabiting long term oil contaminated soil and immobilization of lipase on nanoparticles: A tools for biocatalytic synthesis of various fragrance and flavor compounds**. (Dr. Datta Madamwar), B R D School of Biosciences, Sardar Patel University, Gujarat.

##### ✓ Silviculture

1. Bastola, Arjun Prasad. **Fodder tree management in farmland of Kaski District, Nepal: Role and contribution to household economy**. Department of Silviculture, Forest Research Institute, Dehradun.

2. Joshi, Suresh Chand. **Factors affecting adoption of forest trees in homegardens in Wyned and Kannur Districts of Kerala**. (Dr. S S Negi and Dr. G R S Reddy), Department of Silviculture, Forest Research Institute, Dehradun.