
THESES OF THE MONTH

SCIENCE & TECHNOLOGY

A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of April-May, 2017)

AGRICULTURAL & VETERINARY SCIENCES

Biochemistry

1. Baraiya, Nilanjana Silasbhai. **Improvement of health promoting properties and enhancement of shelf life of short lived tropical fruits and vegetables by using some innovative post harvest technologies.** (Dr. T V Ramana Rao and Dr. Vasudev R Thakar), Department of Biochemistry, Sardar Patel University, Anand.

Entomology

1. Shrama, Nikhil. **Population dynamics and management of *spodoptera litura* (Fab) in Himachal Pradesh.** (Dr. Y S Chandel), Department of Entomology, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

Forestry

1. Bist, Madhu. **Impact of forest fire on soil and soil insect diversity in Sal forest, Doon Valley.** (Dr. H B Vasistha and Dr. Sudhir Singh), Department of Forest Ecology and Environment, Forest Research Institute, Dehradun.

2. Gopal, T M. Ganesh. **MDI resins in wood panel products.** (Dr. S K Nath), Department of Wood Science and Technology, Forest Research Institute, Dehradun.

3. Jangid, Prem Prakash. **Wood microstructure studies of indigenous ligneous species of spurge family euphobiaceae.** (Dr. Sangeeta Gupta), Department of Forest Botany, Forest Research Institute, Dehradun.

4. Manoj Kumar. **Diversity and distribution of wood decaying fungi from Chakrata Hills of Dehradun, Uttarakhand.** (Dr. N S K Harsh), Department of Forest Pathology, Forest Research Institute, Dehradun.

5. Rangel, Joseph Francis. **Sustainable area management plan of the West Coast of Andamans barrier reef and surround.** (Dr. R Sundararaj), Department of Forest Management, Forest Research Institute, Dehradun.

Genetics & Plant Breeding

1. Devineni, Lakshmi Punita. **Isolation of vacuolar proton pyrophosphatase gene and its overexpression in Indica rice (*Oryza Sativa* L) for abiotic stress tolerance.** (Prof. P B Kavi Kishor), Department of Genetics, Osmania University, Hyderabad.

2. Mall, Ajay Kumar. **Genetics of Sugar content in sweet Sorghum.** (Dr. S Audilakshmi), Department of Genetics, Osmania University, Hyderabad.

Microbiology

1. John, C Jimtha. **Studies on plant growth promoting properties and applications of PGPR isolates from Western Ghat.** (Dr. Radhakrishnan E K), Department of Microbiology, Mahatma Gandhi University, Kottayam.

Silviculture

1. Manjeet Singh. **Altitudinal variation in phenology,**

cone, seed and seedling characteristics of picea smithiana (wall) boiss, in temperate forests of J & K. (Dr. V R R Singh), Department of Silviculture, Forest Research Institute, Dehradun.

Veterinary Science

1. Dhruvi, Ashitkumar Amin. **Evaluation of physiological effects of biocontrol agents on groundnut (*Arachis hypogaea* L).** (Dr. J S S Mohan), B R D School of Biosciences, Sardar Patel University, Anand.

2. Gohil, Tejas Pravinbhai. **Purification of antimicrobial peptide extracted from Goat's heart and lung tissue.** (Dr. Devjani Banerjee), Sophisticated Instrumentation Centre for Applied Research and Testing, Sardar Patel University, Anand.

BIOLOGICAL SCIENCES

Biochemistry

1. Dhamgaye, Sonal. **Evaluation of salinity stress on the key enzymes of nitrogen assimilation in *phaseolus vulgaris*.** (Dr. Rekha Gadre), Department of Biochemistry, Devi Ahilya Vishwavidyalaya, Indore.

Biotechnology

1. Ahmed, Ali Ahmad Ben. **Screening of medicinal plants for their antimicrobial activities and characterization of bioactive compounds.** (Dr. J S S Mohan), B R D School of Biosciences, Sardar Patel University, Anand.

2. Antony, Merlin. **Acyl Homoserine Lactone (AHL) based quorum sensing and its biotechnological applications.** (Dr. Jayachandran K), Department of Biotechnology, Mahatma Gandhi University, Kottayam.

3. Dinesh Kumar. **Physico-chemical and bacteriological study of drinking water in different areas of Hanumangarh District, Rajasthan.** (Dr. Kamlesh Choure), Department of Biotechnology, IASE Deemed University, Sardarshahr.

4. Eldhose, Binil. **Evaluation of anticancer and antioxidant activity of *Plumbago indica*.** (Dr. M S Latha and Dr. Jayachandran K), Department of Biotechnology, Mahatma Gandhi University, Kottayam.

5. Patel, Anand Bhavanji. **High throughput sequencing for variant detection in Buffalo breeds of Gujarat.** (Dr. R B Subramanian), Department of Biotechnology, Sardar Patel University, Anand.

6. Patidar, Mukesh Kumar. **Screening of microbes for pectinases: Production of pectin methylesterase and endopolygalacturonase using solid state fermentation.** (Dr. Anand Nigojhkar and Dr. Anil Kumar), Department of Biotechnology, Devi Ahilya Vishwavidyalaya, Indore.

7. Singh, Devender. **ACC deaminase producing plant stress homeostasis regulating bacteria in alleviation of biotic and abiotic stresses and enhancement of growth and yield of *plantago ovate* L.** (Dr. Kamlesh Choure), Department of Biology, IASE Deemed University, Sardarshahr.