
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, 2019)

AGRICULTURAL & VETERINARY SCIENCES

Forestry

1. Kar, Ranjan Kumar. **Impact of bio-inoculants and soil amendments on growth pattern, nodulation behavior and lac production potential of *Flemingia semialata* roxb.** (Dr. Kalidas Upadhyaya and Dr. Pratap Chandra Panda), Department of Forestry, Mizoram University, Aizawl.

Genetics & Plant Breeding

1. Sanjeet Singh. **Studies on gene action for agromorphological traits and factors affecting haploid production efficiency followed chromosomal elimination in oat (*Avena sativa* L).** (Dr. V K Sood), Department of Plant Breeding & Genetics, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

2. Sharma, Neha. **Studies on combining ability gene action for seed yield and its components traits in urdbean (*Vigna mungo* (L) hepper.** (Dr. Raj Kumar Mittal), Department of Crop Improvement, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

Microbiology

1. Sharma, Ranjana. **Purification and characterization of lipase from microbial isolates and its application in formulation of functional food products.** (Dr. Nivedita Sharma), Department of Microbiology, Dr Y S Parmar University of Horticulture and Forestry, Nauni, District Solan.

2. Vijay Kumar. **Studies on the effect of plant growth promoting rhizobacteria on wheat (*Triticum aestivum*) growing in mid hill zone of Himachal Pradesh.** (Dr. Nivedita Sharma), Department of Microbiology, Dr Y S Parmar University of Horticulture and Forestry, Nauni, District Solan.

Soil Science

1. Butail, Nagender Pal. **Integrated nitrogen management in maize-potato system in an acid alfisol.** (Dr. S P Dixit), Department of Soil Science, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

Veterinary Science

1. Parihar, Atul Singh. **Evaluation of echocardiography as diagnostic tool for thoracic affections in bovines.** Department of Veterinary Surgery and Radiology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

2. Thakur, Rashmi. **Seroprevalence and molecular detection of *Toxoplasma gondii* in pigs and poultry in Punjab and surrounding areas with special emphasis on its public health and significance.** Department of Veterinary Public Health & Epidemiology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

BIOLOGICAL SCIENCES

Life Science

1. Jha, Sneha Ashokbhai. **Production, characterization and application studies of actinomycetal chitinase.** (Dr. H A Modi), Department of Life Science, Gujarat University, Ahmedabad.

Marine Science

1. Meera, K M. **Myctophids of Western Indian Ocean with special reference to Eastern Arabian sea.** (Dr V N Sanjeevan), Centre for Marine Living Resources & Ecology, Cochin University of Science & Technology, Kochi.

Zoology

1. Biswa, Ritesh. **A study on termites of tea plantations in Terai Region of Darjeeling foothills with insecticide tolerance status of two commonly occurring termite pests.** (Prof. A Mukhopadhyay and Dr. M Bahadur), Department of Zoology, University of North Bengal, Darjeeling.

2. Kashyap, Dipti. **Detection morphology and molecular characterization of microsporidia, *nosema* in invertebrate(s).** (Prof. Kamal Jaiswal), Department of Applied Animal Sciences, Babasaheb Bhim Rao Ambedkar University, Lucknow.

3. Koshti, Amit Jagdishbhai. **Toxicological consequences of alpha-cypermethrin and its possible amelioration in mice.** (Dr. R J Verma), Department of Zoology, Gujarat University, Ahmedabad.

4. Raval, Vibhuti Bharatbhai. **Behavioral ecology of Asiatic lion with reference to change in habitats in Eastern and Western edge of the Gir Protected Area.** (Dr. B B Radadiya), Department of Zoology, Saurashtra University, Rajkot.

EARTH SYSTEM SCIENCES

Environmental Science

1. Lalrinawmi, H. **Study on soil mushroom in Aizawl District of Mizoram, India.** (Dr. John Zothanzama), Department of Environmental Science, Mizoram University, Aizawl.

ENGINEERING SCIENCES

Chemical Engineering

1. Bindhani, Santosh Kumar. **Thermophysical properties of liquids.** (Dr. Y K Mohanty), Department of Chemical Engineering, Biju Patnaik University of Technology, Rourkela.

2. Parminder Kaur. **Treatment of textile effluents by electrochemical advanced oxidation processes.** (Dr. J P Kushwaha and Dr. V K Sangal), Department of Chemical Engineering, Thapar Institute of Engineering and Technology, Patiala.