

THESES OF THE MONTH



SCIENCE & TECHNOLOGY

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

AGRICULTURAL & VETERINARY SCIENCES

✓ Agronomy

1. Buta Singh. **Nutritional and physiological studies on sunflower (*Helianthus annuus* L) under staggered planting.** Department of Agronomy, Punjab Agricultural University, Ludhiana.

✓ Biochemistry

1. Rana, Anita. **Chlorotic leaf spot disease of arka (*Calotropis gigantea*): Molecular characterization of the causal agent and effect on phytochemical constituents.** (Dr. Nageswer Singh), Department of Chemistry & Biochemistry, CSK Himachal Pradesh Krishi Vishvavidyalaya, Hamirpur.

✓ Horticulture

1. Islam, Serajul. **Studies on the biodiversity of jackfruit in Tripura for commercial exploitation.** (Prof. Partha Sarathi Munsri), Department of Horticulture, University of Calcutta, Kolkata.

2. Rakesh. **Genetic studies for yield and quality traits in tomato (*Solanum lycopersicum* L).** (Dr. H R Sharma), Department of Vegetable Science, Dr Y S Parmar University of Horticulture and Forestry, Nauni, District Solan.

✓ Microbiology

1. Harsimran Kaur. **Studies of lignin modifying enzymes of a white rot fungus *Ganoderma lucidum* (P karst) for their biotechnological application.** Department of Microbiology, Punjab Agricultural University, Ludhiana.

✓ Veterinary Science

1. Mir, Ab Qayoom. **Molecular epidemiology and diagnosis of bacterial and parasitic pathogens from faeces of wild ungulates and carnivores.** Department of Veterinary Medicine, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

BIOLOGICAL SCIENCES

✓ Bio Science

1. Shastri, Gaurav Deveshbhai. **Cytogenetic study of leukaemias with special emphasis on diagnosis and monitoring.** (Dr. P K Gadhia), Department of Bioscience, Veer Narmad South Gujarat University, Surat.

✓ Biochemistry

1. Bag, Arup Kumar. **Proteomic and glycomic approaches in understanding of disease biology.** (Prof. Chitra Mandal), Indian Institute of Chemical Biology, University of Calcutta, Kolkata.

✓ Bioinformatics

1. Sheet, Tridip. **Study of C^αNN anion recognition peptide motif for designing model scaffolds.** (Dr. Raja

Banerjee), West Bengal University of Technology, University of Calcutta, Kolkata.

✓ Botany

1. Patel, Hitesh Manilal. **Study of sacred groves of Patan District.** (Dr. N K Patel), Department of Botany, Hemchandracharya North Gujarat University, Patan.

✓ Genetics

1. Saha, Partha Sarathi. **Phylogenetic analysis of different species of *Asparagus* based on molecular cytogenetic and systematic study.** (Prof. Sumita Jha and Dr. Biswajit Ghosh), Department of Botany, University of Calcutta, Kolkata.

Marine Science

1. Abhilash, K R. **Bacterial diversity in the benthic environment along Kerala Coast and their potential for extracellular enzyme production.** (Dr. A V Saramma), Department of Marine Biology, Microbiology and Biochemistry, Cochin University of Science & Technology, Kochi.

2. Dutta, Manab Kumar. **Coupled micrometeorological and biological processes on atmospheric methane concentrations at the land ocean boundary NE Coast of India.** (Dr. Sandip Kumar Mukhopadhyay and Prof. T K Jana), Department of Marine Science, University of Calcutta, Kolkata.

3. Manikandan, B. **Assessment of the resilience potential of palkbay reef through key indicators.** (Dr. J Ravindran), National Institute of Oceanography, Cochin University of Science & Technology, Kochi.

4. Mondal, Kunal. **Study on the morphological, biochemical and histological characteristics of *Macrobrachium rosenbergii* through application of mangrove based feed.** (Prof. Madhusudan Das), Department of Marine Science, University of Calcutta, Kolkata.

5. Resmi, P. **Fingerprinting of mangrove ecosystems along Northern Kerala Coast using biomarker approach.** (Dr. N Chandramohanakumar), Department of Chemical Oceanography, Cochin University of Science & Technology, Kochi.

6. Sakkir, S. **An integrated study o the Holocene aquifer and the water resource potential of Karamana River Basin, Southern Kerala, India.** (Dr. K Sajan), Department of Marine Geology & Geophysics, Cochin University of Science & Technology, Kochi.

EARTH SYSTEM SCIENCES

✓ Environmental Science

1. Meena Kumari. **Studies on impact of climate change on vegetable crop production in Mid-Hills of Himachal Pradesh.** (Dr. Subhash Chander Verma), Department of Environmental Science, Dr Y S Parmar University of Horticulture and Forestry, Nauni, District Solan.