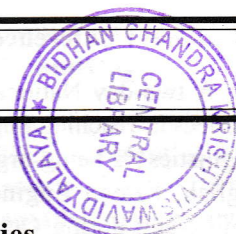


THESES OF THE MONTH

✓ SCIENCE & TECHNOLOGY



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

✓ AGRICULTURAL & VETERINARY SCIENCES

✓ Extension Education

1. **Punya. Microsatellite markers based assessment of genetic diversity and construction of heterotic groups in maize.** (Dr. V K Sharma), Department of Extension Education, Dr Rajendra Prasad Central Agricultural University, Pusa, Samastipur.

✓ Horticulture

1. **Meena, Yogendra Kumar. Mitigation of cold stress in tomato (*Solanum lycopersicum* L) through physiological interventions.** Department of Horticulture, Punjab Agricultural University, Ludhiana.

✓ Microbiology

1. **Sharma, Sakshi. Evaluation of functional traits of indigenous bacterial probiotics of North-Western Himalayas.** (Dr. S S Kanwar), Department of Microbiology, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

✓ Soil Science

1. **Satashiya, Ketankumar Fulabhai. Phytoremediation potential of flowering plants for Cd, Ni and Pb contamination soils.** (Dr. K G Patel), Department of Soil Science and Agricultural Chemistry, Navsari Agricultural University, Navsari.

✓ Veterinary Science

1. **Bhardwaj, Rabia. Evaluation of lipopolysaccharide as vaccine adjuvant against newcastle disease in chicken.** Department of Animal Biotechnology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

2. **Minhas, Priyanka. Evaluation of recombinant DNAJ (HSP40) and DNAK (HSP70) proteins of *brucella spp* as adjuvants.** Department of Animal Biotechnology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

BIOLOGICAL SCIENCES

✓ Bio Science

1. **Amoor, S Vishwanathan. Microbial fuel cells- indicators of performance.** (Prof. S Siva Sankara Sai and Prof. Govind Rao), Department of Bio Science, Sri Sathya Sai Institute of Higher Learning, Prasanthi Nilayam, Andhra Pradesh.

✓ Bioinformatics

1. **Usha. Studies on small RNA mediated responses to abiotic stress in finger millet (*Elesine Coracana*).** (Dr. D V Rai, Dr. Rekha Dixit, Dr. Nagesh Babu R and Dr Jayanand), Department of Bioinformatics, Shobhit University, Meerut.

✓ Biotechnology

1. **Narendra, Kumara. Studies on pharmacological evaluation and nanoparticle characterization of *trichodesma indicum* (L).** (Dr. A Krishna Satya), Department of Biotechnology, Acharya Nagarjuna University, Nagarjuna Nagar.

Botany

1. **Sharma, Vinod. Developing commercial technology for micropropagation of some arid region fruit trees.** Department of Botany, M S University of Baroda, Vadodara.

Life Science

1. **Patel, Shanaya Saurin. Characterization of genetic and epigenetic modulators of cancer stem cells in oral cancer.** (Dr. Rakesh M Rawal), Department of Life Science, Gujarat University, Ahmedabad.

Marine Science

1. **Anuradha, V. Chemical investigations of the marine sponge *axinella carteri* from Lakshadweep archipelago.** (Dr. S Muraleedharan), Department of Chemical Oceanography, Cochin University of Science & Technology, Kochi.

2. **Vakkalagadda, Hemanth Kumar. Evaluation of heavy metals accumulation in selected murels *channa striata* and *channa marulius* from river Krishna, Andhra Pradesh.** (Dr. P V Krishna), Department of Zoology and Aquaculture, Acharya Nagarjuna University, Nagarjuna Nagar.

Zoology

1. **Sunita Kumari. Health status in relation to drinking water among the population of Araria District.** (Dr. M Rauf Anwer), Department of Zoology, Bhupendra Narayan Mandal University, Madhepura.

EARTH SYSTEM SCIENCES

Geology

1. **Boral, Prabal. Structural parameters of coals and their modifications by nitric acid treatment from selected Indian Coals Basins.** (Prof. Atul K Verma and Dr. Sudip Maity), Department of Applied Geology, Indian Institute of Technology, Dhanbad.

Geophysics

1. **Das, Baisakhi. Analysis of well logs and wellbore instability in oil/gas fields of Krishna-Godavari Basin, India.** (Prof. Rima Chatterjee), Department of Applied Geophysics, Indian Institute of Technology, Dhanbad.

2. **Saikia, Sowrav. The lithospheric structure of the Himalayan belt and its adjoining region from receiver function analysis.** (Dr. Upendra K Singh and Dr. Sumer Chopra), Department of Geophysics, Indian Institute of Technology, Dhanbad.

ENGINEERING SCIENCES

Chemical Engineering

1. **Harkirat. Studies on heat transfer and pressure drop characteristics of nanofluids in microchannels.** (Dr. D Gangacharyulu), Department of Chemical Engineering, Thapar University, Patiala.