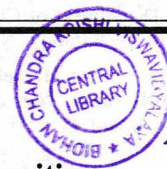


THESES OF THE MONTH

SCIENCE & TECHNOLOGY



A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of May-June, 2019)

✓ AGRICULTURAL & VETERINARY SCIENCES

✓ Agricultural Economics

1. Ahmed, Syed Rizwan. **Economic impact Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) on rural women labour in Punjab and Karnataka.** Department of Agricultural Economics, Punjab Agricultural University, Ludhiana.

✓ Bioinformatics

1. Sandhu, Maninder. **In silico analysis of microsatellite length variation and its correspondence with gene expression pattern under salinity stress in rice.** (Dr. S.V. Amitha Charu Rama Mithra, Dr. Rekha Dixit and Dr. Manisha Rastogi), Department of Bioinformatics Engineering, Shobhit Institute of Engineering & Technology, Meerut.

✓ Biotechnology

1. Asha Kiran. **Elucidation of molecular mechanisms governing cold tolerance during reproductive stage in chickpea (*Cicer arietinum* L).** (Dr. Kamal Dev Sharma) Department of Agricultural Biotechnology, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

✓ Entomology

1. Sandhu, Rajwinder Kaur. **Bases of resistance against brown planthopper, *Nilaparvata lugens* (Stal) in wild rice accessions.** Department of Entomology, Punjab Agricultural University, Ludhiana.

✓ Extension Education

1. Gurvindrer Singh. **Impact of citrus estates on the beneficiaries in Punjab.** Department of Extension Education, Punjab Agricultural University, Ludhiana.

✓ Genetics & Plant Breeding

1. Patel, Minalben Bahadurbhai. **Genetics architecture for seed cotton yield and its components over locations in cotton (*Gossypium hirsutum* L).** (Dr. B G Solanki) Department of Genetics and Plant Breeding, Navsari Agricultural University, Navsari.

✓ Veterinary Science

1. Barad, Dilipsinh Balubhai. **Isolation, identification and molecular characterization of extended spectrum beta-lactamase producing *Escherichia Coli* from poultry.** (Dr. J H Purohit) Department of Veterinary Microbiology, Junagadh Agricultural University, Junagadh.

✓ BIOLOGICAL SCIENCES

✓ Biotechnology

1. Junnarkar, Manisha Vishal. **Potential of lactic acid bacteria for food preservation and nutraceuticals.** (Dr. Neelu N Nawani) Faculty of Biotechnology and Bioinformatics, Dr D Y Patil Vidyapeeth, Pune.

2. Vishwakarma, Nutan Prakash. **Identification and analysis of microrna encoded by *Jatropha curcas*.** (Dr. V J Jadeja) Department of Biotechnology, Saurashtra University, Rajkot.

✓ Botany

1. Sethi, Renu. **Germination ecology of *Medicago denticulata* Willd in relation to seed coat colour persistence and herbicide exposure.** Department of Botany, Punjab Agricultural University, Ludhiana.

✓ Life Science

1. Bagban, Mohammedazim Mehmoodsha. **Microbial interference in forensic investigation of biological samples.** (Dr. N K Jain) Department of Life Science, Gujarat University, Ahmedabad.

2. Dash, Sasmita. **Impact of sponage iron industry waste on soil, crops and screening of plants suitable as bioindicators.** (Dr. Sunanda Sahoo) Department of Life Science, Sambalpur University, Sambalpur.

✓ Microbiology

1. Gajamer, Varsha Rani. **Characterization of common bacterial pathogens from patients of urinary tract infection from Sikkim and Darjeeling.** (Dr. Hare Krishna Tiwari) Department of Microbiology, Sikkim Manipal University, Gangtok.

2. Shinde, Shubhangi Rajkumar. **Studies on biodegradation of organophosphorous pesticides by microorganisms isolated from various sources.** (Dr. V S Hamde) Department of Microbiology, Dr Babasaheb Ambedkar Marathwada University, Aurangabad.

✓ EARTH SYSTEM SCIENCES

Geophysics

1. Mishra, Rakesh Kumar. **Detection, analysis of fire and its effect on environment in mining area using remote sensing and geophysical technique.** (Prof. P N Singha Roy, Dr. J K Pandey and Dr. V K Singh), Department of Applied Geophysics, Indian Institute of Technology, Dhanbad.

ENGINEERING SCIENCES

Chemical Engineering

1. Mandal, Dev Kumar. **Development of degradable polypropylene by radiation grafting and blending with polylactic acid.** (Dr. Haripada Bhunia and Dr. Pramod Kumar Bajpai), Department of Chemical Engineering, Thapar Institute of Engineering and Technology, Patiala.

2. Tiwari, Deepak. **Studies on carbon dioxide capture using polymer based carbon adsorbents.** (Dr. Haripada Bhunia and Dr. Pramod Kumar Bajpai), Department of Chemical Engineering, Thapar Institute of Engineering and Technology, Patiala.