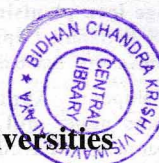

THESES OF THE MONTH

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

Food Science & Technology

1. Kakade, Avinash Suresh. **Design and development of multigrain puffing cum popping machine.** (Dr. S U Khodke), Department of Agricultural Process Engineering, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

2. Makroo, Hila Ahmad. **Ohmic Heating as an Alternative thermal processing method of mango puree.** (Dr. B Srivastava and Dr. Navin K), Department of Food Engineering and Technology, Tezpur University, Tezpur.

Genetics & Plant Breeding

1. Vinod Kumar. **Genetic analysis of yield and other traits to unravel the mutagens-mediated variability in Ethiopian mustard (*Brassica carinata* A Braun).** (Dr. Vedna Kumari), Department of Crop Improvement, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

Soil Science

1. Parmar, Rajeshkumar Mansukhlal. **Integrated nutrient management in Bt cotton (*Gossypium hirsutum* L) under North-West agro climatic zone of Gujarat.** (Dr. K B Parmar), Department of Soil Science, Junagadh Agricultural University, Junagadh.

Veterinary Science

1. Javed, Rabyia. **Studies on the diagnosis of bovine tuberculosis using fluorescence polarization assay and in situ hybridization.** Department of Veterinary Microbiology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

2. Kamble, Narendra Sudamrao. **Qualitative study of khoa produced in major khoa producing areas of Marathwada Region.** (Dr. G K Londhe), Department of Animal Husbandry and Dairy Science, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

BIOLOGICAL SCIENCES

Biotechnology

1. Gogoi, Debananda. **Studies on anticoagulant, thrombolytic and platelet aggregation inhibition properties of *leucas indica* and *momordica charantia* collected from Assam, India.** (Prof. A. K. Mukherjee), Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur.

2. Khanna, Radhika. **Novel genome assembly and comparative analysis of Indian drosophila and zaprionus species.** Department of Biotechnology, Jaypee Institute of Information Technology, Uttar Pradesh.

3. Yadav, Shivani. **Morphological, biochemical and molecular characterization in oat (*Avena sativa* L) for salt tolerance.** (Dr. Kuldip Dwivedi), Department of Biotechnology, ITM University, Gwalior.

Botany

1. Jana, M Devika. **Studies on reproductive biology of bamboo orchid, *Arundina graminifolia* (D Don) Hochr.** (Prof. N Venugopal), Department of Botany, North Eastern Hill University, Shillong.

2. Vashi, Chipem. **Assessment of natural hybridity in *Myrica* species complex in Meghalaya and development of molecular markers for early screening of female plants.** (Dr. Arvind K Misra), Department of Botany, North Eastern Hill University, Shillong.

Life Science

1. Ahmad, Shakeel. **Impact of sericultural technologies on development of sericulture in North West India.** (Prof. Neera Kapoor and Dr. Anil Dhar), Department of Life Sciences, Indira Gandhi National Open University, New Delhi.

2. Kalita, Bhargab. **Proteomic analysis of Indian Russell's Viper (*Daboia Russelii*) venom and its immunological profiling against commercial antivenom.** (Prof. A.K Mukherjee), Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur.

3. Nath, Yutika. **A study on the functional role of ESX-3 type VII secretion system in *Mycobacterium Smegmatis*.** (Prof. A K Buragohain and Dr. S K Ray), Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur.

4. Nisha. **Evaluation of larvicidal, ovicidal and repellent activity of plant extracts against mosquitoes.** (Prof. Neera Kapoor and Dr. Bhupender Nath), Department of Life Sciences, Indira Gandhi National Open University, New Delhi.

Microbiology

1. Chitranshi, Swati. **Microbial diversity of Chambal Ravines and their potential exploitation for sustainable development.** (Prof. J L Bhat), Department of Microbiology, ITM University, Gwalior.

2. Gupta, Akanksha. **Bioremediation of heavy metals from polluted sites of Chambal Region under various environmental stress conditions.** (Dr. Sonia Johri), Department of Microbiology, ITM University, Gwalior.

3. Najar, Ishfab Nabi. **Bacterial diversity and antibiotic resistance profile of four hot springs of Sikkim.** (Dr. Nagendra Thakur), Department of Life Science, Sikkim Manipal University, Gangtok.

Zoology

1. Bhutia, Dawa. **Studies on cytochrome P450 in some air breathing teleost fish.** (Prof. Joydeb Pal), Department of Zoology, University of North Bengal, Darjeeling.

EARTH SYSTEM SCIENCES

Environmental Science

1. Panda, Subhransu Sekhar. **Impact of ferro alloys**