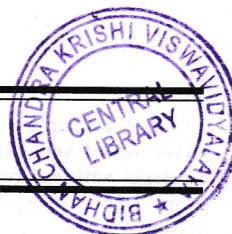


THESES OF THE MONTH

SCIENCE & TECHNOLOGY

A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of Aug-Sep., 2018)



Subin
Asif

AGRICULTURAL & VETERINARY SCIENCES

Biotechnology

1. Desai, Hiralben Vinubhai. **De novo transcriptome sequence and metabolome analysis at flowering stage in off season bearing mango (*Mangifera indica* L).** (Dr. M K Mandavia), Department of Plant Molecular Biology and Biotechnology, Junagadh Agricultural University, Junagadh.

2. Saha, Shyama Prasad. **Production of microbial xylanase under submerged fermentation of agro-residues and its application in xylitol production.** (Dr. S Ghosh), Department of Biotechnology, University of North Bengal, Darjeeling.

Entomology

1. Sontakke, Pritin Pramod. **Bio-ecology and management of Borer pests infesting yard long bean, *vigna unguiculata subsp sesquipedalis* (L) Verdc.** Department of Agricultural Entomology, Kerala Agricultural University, Thrissur.

Food Science & Technology

1. Nama, Sailaja. **Development of natural flavor γ decalactone through metabolic engineering of *sporidiobolus salmonicolor* MTCC 485 and its evaluation as an additive in milk products.** (Dr. D Muralidhara Rao and Prof.N Devanna), Department of Food Technology, Jawaharlal Nehru Technological University Anantapur, Ananthapuramu.

2. Sanju Bala. **Characterization of bioactive compounds and proteins from seeds of different Indian fenugreek (*Trigonella foenum-graecum*) cultivars.** (Dr. Kawaljit Singh), Department of Food Science and Technology, Chaudhary Devi Lal University, Sirsa.

3. Thory, Rahul. **Characterization of bioactive compounds and starch from different Indian rice cultivars.** (Dr. Kawaljit Singh), Department of Food Science and Technology, Chaudhary Devi Lal University, Sirsa.

4. Vikash. **Development and characterization of starch nanoparticles from different botanical sources and their applications in drug delivery.** (Dr. Kawaljit Singh Sandhu), Department of Food Science and Technology, Chaudhary Devi Lal University, Sirsa.

Forestry

1. Patel, Sandipkumar Mukundlal. **Performance of cucurbitaceous vegetable crops under teak (*Tectona grandis* L f) based silvi-horticulture system in South Gujarat Region.** (Dr. M B Tandel), Department of Forestry, Navsari Agricultural University, Navsari.

Plant Pathology

1. Dhandge, Sachin Ramchandra. **Morphological and biochemical basis of resistance, ecology and bio-efficacy of insecticides against pest complex in summer okra.** (Dr.

V R Virani), Department of Plant Pathology, Junagadh Agricultural University, Junagadh.

2. Masi, Haidarabbas Ismailbhai. **Salt stress mitigation in rice (*Oryza sativa* L) using endophytes and assessment of its interaction.** (Dr. R M Patel), Department of Plant Molecular Biology and Biotechnology, Navsari Agricultural University, Navsari.

Soil Science

1. Lathika, C. **Potential of urban waste compost for organic farming.** (Dr. M P Sujatha), Kerala Forest Research Institute, Cochin University of Science & Technology, Kochi.

2. Tripura, Pradip. **Dynamics of major nutrients and soil organic carbon fractions in medium black calcareous (*Typic haplustepts*) LTFE soils.** (Dr. K B Polara), Department of Soil Science, Junagadh Agricultural University, Junagadh.

Veterinary Science

1. Patel, Harshadkumar Babulal. **Effect of piperine and quercetin administration on pharmacokinetics and safety profile of marbofloxacin in broiler chickens.** (Dr. U D Patel), Department of Veterinary Pharmacology and Toxicology, Junagadh Agricultural University, Junagadh.

BIOLOGICAL SCIENCES

Biotechnology

1. Bansal, Pooja. **Biogenesis of nanoparticles and its potential in controlling plant pathogenic diseases.** (Dr. J S Duhan), Department of Biotechnology, Chaudhary Devi Lal University, Sirsa.

2. Dahiya, Rajni. **Genetic Diversity, expression analysis and association of Myxovirus resistance gene (Mx) with susceptibility vis-à-vis resistance against equine influenza virus in horses.** (Prof. S K Gahlawat), Department of Biotechnology, Chaudhary Devi Lal University, Sirsa.

3. Dey, Tapan. **A study on glutathione S transferase enzyme activities in chronic obstructive pulmonary disease with respect to cigarette smoke compounds.** (Prof. A K Buragohain and Dr. Hari Prasanna Dekaboruah), Centre for Biotechnology and Bioinformatics, Dibrugarh University, Dibrugarh.

4. Katta, Meera Sowjanya. **Bioactivity assay of phytochemical compounds isolated and characterized from screened medicinal plants.** (Dr. A Krishna Satya), Department of Biotechnology, Acharya Nagarjuna University, Nagarjuna Nagar.

5. Rustagi, Yashika. **Profiling and characterization of microRNAs from embryonic chick heart profiling and characterization of microRNA from embryonic chick heart.** Department of Biotechnology, Jaypee Institute of Information Technology, Uttar Pradesh.