

THESES OF THE MONTH

SCIENCE & TECHNOLOGY

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



AGRICULTURAL & VETERINARY SCIENCES

✓ Agronomy

1. Rana, Khushboo. **Studies on integrated nutrient management and conservation tillage in soybean-wheat cropping system.** (Dr. Janardan Singh), Department of Agronomy, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

✓ Entomology

1. Jayewar, Nareshkumar Ereshrao. **Integrated pest management studies in chilli (*Capsicum annuum* L).** (Dr. B B Bhosle), Department of Agricultural Entomology, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

2. Khandare, Rajaratan Yashvantrao. **Studies on population dynamics and bio-efficacy of newer insecticides against major insect pests of pomegranate.** (Dr. D R Kadam), Department of Agricultural Entomology, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

✓ Food Science & Technology

1. Pushpa, H K. **Development and quality evaluation of nootropic cookies using medhya rasayana.** (Dr. N Ch Varadacharyulu), Faculty of Food Technology, Jawaharlal Nehru Technological University Anantapur, Ananthapuramu.

✓ Genetics

1. Rayaprolu, Lavanya. **Agronomic, biochemical and molecular characterization of sorghum minicore collection for candidate biofuel traits.** (Prof. D Manohar Rao), Department of Genetics, Osmania University, Hyderabad.

✓ Genetics & Plant Breeding

1. Ramprasad, Gopal Gajanan. **Genetic evaluation of CMS based and conventional hybrids for yield and fibre quality in cotton (*Gossypium hirsutum* L).** (Dr. D B Deosarkar), Department of Genetics and Plant Breeding, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

✓ Horticulture

1. Muddarsu, Venkata Ramana. **Ionome and proteome assisted characterization of drought tolerance in chilli (*Capsicum annuum* L).** (Dr S Manivannan), Department of Horticulture, Sikkim University, Gangtok.

✓ Microbiology

1. Bodhankar, Shrey. **Exploring endophytic bacterial diversity of maize for abiotic stress (drought) management.** (Dr. Minakshi Grover and Prof. Gopal Reddy), Department of Microbiology, Osmania University, Hyderabad.

2. Praveen Kumar, K. **Bioconversion of cotton stalk into ethanol by *saccharomyces cerevisiae* and *scheffersomyces***

stipitis. (Dr. B Bhima), Department of Microbiology, Osmania University, Hyderabad.

BIOLOGICAL SCIENCES

✓ Biotechnology

1. Dahiya, Rajesh Kumar. **Studies on the genomic diversity of *Theileria Equi* among different geographic isolates.** (Prof. R K Salar), Department of Biotechnology, Chaudhary Devi Lal University, Sirsa.

2. Meena, Rakesh Kumar. **Tagging and mapping of yellow vein mosaic virus resistance genes in okra (*Abelmoschus esculentus*) and development of new DNA markers.** (Dr. Tanushree Chatterjee), Faculty of Chemical, Environment and Biotechnology Engineering, Chhattisgarh Swami Vivekanand Technical University, Bilai.

3. Naresh Kumar. **Vincristine loaded folic acid-chitosan conjugated nanoparticles for cancer therapy against Non-Small Cell Lung Cancer (NSCLC).** (Prof. R K Salar), Department of Biotechnology, Chaudhary Devi Lal University, Sirsa.

4. Pardeep Kumar. **Bioaugmentation of phenolics and antioxidant potential of peanut waste (Peanut press cake) by-fermentation with GRAS fungal and bacterial strains.** (Dr. J S Duhan), Department of Biotechnology, Chaudhary Devi Lal University, Sirsa.

5. Pooja. **Enhancement of antioxidant potential of cereals and pulses by solid state fermentation.** (Dr. J S Duhan), Department of Biotechnology, Chaudhary Devi Lal University, Sirsa.

✓ Botany

1. Gamit, Sandipkumar Bipinbhai. **Traditional knowledge documentation and pharmacological study of selected potential medicinal plants from Tapi District, Gujarat.** (Dr. H A Solanki), Department of Botany, Gujarat University, Ahmedabad.

2. Ganesh Prasad. **Effect of organic and integrated sources of nutrients on growth and yield of bottle gourd (*Lagenaria siceraria molina standl*).** (Dr. Alok Nandi and Dr. Prasant Kumar Swain), Department of Botany, Utkal University of Culture, Bhubaneswar.

3. Yadav, Anita. **In vitro morphogenetic studies and phytochemical analysis of *salvia hispanica* L.** (Dr. Anuja Joshi and Dr. Smita Purohit), Department of Botany, IIS University, Jaipur.

Marine Science

1. Asha, C V. **Assessing the structural and functional ecology of benthic fauna in Vembanad Estuarine System,**