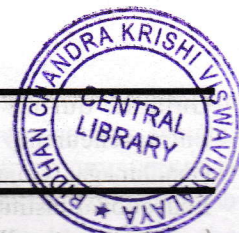


# THESES OF THE MONTH



## SCIENCE & TECHNOLOGY

A List of doctoral theses accepted by Indian Universities  
(Notifications received in AIU during the month of August-Sep., 2016)

*Sub  
Lab*

### AGRICULTURAL & VETERINARY SCIENCES

#### ✓ Agricultural Extension

1. Thakare, Dipali Purushottam. **Study of physiological parameters in hybrid and varieties of pigeonpea under different production technology.** (Dr. S P Mehtre), Faculty of Agriculture, Vasantao Naik Marathwada Agricultural University, Parbhani.

#### ✓ Agronomy

1. Bhuva, Hasmukh Mansukhlal. **Response of gum guar [*Cyamopsis Tetragonoloba* (L.) Taub] To irrigation and fertility levels in summer season.** (Dr. B K Sagaraka), Department of Agronomy, Junagadh Agricultural University, Gujarat.

2. Deshmukh, Dhananjay Devidasrao. **Effect of weed management on weed dynamics and yield potential of pigeonpea based intercropping system.** (Dr. V S Shinde), Department of Agronomy, Vasantao Naik Marathwada Agricultural University, Parbhani.

3. Meena, Mamta. **Effect of drip irrigation and nitrogen levels on drilled rabi fennel (*Foeniculum Vulgare* Mill) in Saurashtra Region of Gujarat.** (Dr. B K Sagaraka), Department of Agronomy, Junagadh Agricultural University, Gujarat.

#### ✓ Entomology

1. Rode, Nilesh Sharadrao. **Seasonal incidence, life table and insecticidal resistance in *Earias vittella* (Fabricius) and its management on Okra.** (Dr. R K Bharodia), Department of Entomology, Junagadh Agricultural University, Gujarat.

#### ✓ Genetics & Plant Breeding

1. Jasmatbhai, Anatata Tusharkumar. **De novo transcriptome sequencing to discover putative genes associated with drought tolerance and their expression in pearl millet (*Pennisetum glaucum* L).** (Dr. M K Mandavia), Department of Plant Molecular Biology, Junagadh Agricultural University, Gujarat.

2. Kamble, Bhimrao Ganpati. **Germinative and non-germinative evaluation for physiological quality of seed in pearl millet [*Pennisetum glaucum* (L) R Br].** (Dr. A S Joshi), Department of Plant Physiology, Junagadh Agricultural University, Gujarat.

#### ✓ Horticulture

1. Kadam, Ajay Bapurao. **Studies on post harvest application of chemicals and oil emulsions on shelf life, storability and quality of sweet orange (*Citrus sinensis* osbeck) cv nucellar.** (Dr. V S Khandare), Department of Horticulture, Vasantao Naik Marathwada Agricultural University, Parbhani.

#### ✓ Soil Science

1. Misal, Nitin Baban. **Dynamics of nitrogen, phosphorus**

**and sulphur fractions in the calcareous soils of Saurashtra Region of Gujarat.** (Dr. K B Polara), Department of Soil Science, Junagadh Agricultural University, Gujarat.

#### ✓ Veterinary Science

1. Tyagi, Kuldeep Kumar. **Relative gene expression analysis of milk protein genes in primary milk epithelial cells of surti and mehsani buffaloes.** (Dr. B P Brahmkshtri), Department of Animal Genetics and Breeding, Navsari Agricultural University, Navsari.

### BIOLOGICAL SCIENCES

#### ✓ Biochemistry

1. Hirdesh Kumar. **Identification of vaccine and drug targets against malaria.** (Prof. James Gomes, Prof. B Jayaram and Prof. Friedrich Frischknecht), Kusuma School of Biological Sciences, Indian Institute of Technology Delhi, New Delhi.

#### ✓ Life Science

1. Bansal, Suneyna. **Functional assembly of biological membranes: A structural approach.** (Prof. Aditya Mittal), Department of Biology, Indian Institute of Technology Delhi, New Delhi.

2. Dutta, Palash. **Studies on the application of juvenile hormone and 20-hydroxyecdysone in reproduction of muga silkworm *antheraea assamensis* helfer.** (Prof. A K Rai and Dr. P Dutta), Department of Life Science, Dibrugarh University, Dibrugarh.

3. Dutta, Rimjim. **Ecological health assessment of some ephemeral streams in the Lakhimpur District of Assam.** (Dr. Debojit Baruah), Department of Life Science, Dibrugarh University, Dibrugarh.

4. Sood, Kaushal. **Evaluation of antimicrobial and antioxidant efficacy of the selected plants of the family: Apiaceae.** (Prof. R N S Yadav), Department of Life Science, Dibrugarh University, Dibrugarh.

5. Upadhyay, Mohita. **Dinucleotide frequencies in DNA virus genomes: Implications on virus evolution.** (Dr. V Perumal), Kusuma School of Biological Sciences, Indian Institute of Technology Delhi, New Delhi.

#### Marine Science

1. Bhatt, Ashishkumar Jagdishchandra. **Seaweed diversity at pirotan and Narara Islands of Marine National Park and Sactuary in Gulf of Kuchchh (Gujarat).** (Dr. A Y Desai), Department of Fisheries Resource Management, Junagadh Agricultural University, Gujarat.

#### ✓ Molecular Biology

1. Goyal, Megha. **A folding and unfolding study: Groel-groes assisted folding of multiple proteins in E coli and irreversible denaturation of maltodextrin glucosidase.** (Dr.