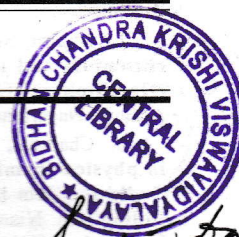


THESES OF THE MONTH

SCIENCE & TECHNOLOGY

A list of doctoral theses accepted by Indian Universities
(Notifications received in AIU during Jan-Feb 2016)



AGRICULTURAL & VETERINARY SCIENCES

Agronomy

1. Mansukhlal, Bhuva Hasmukh. **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. 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.

Biochemistry

1. Bishi, Sujit Kumar. **Biochemical and molecular basis of innate and pseudomonas fluorescens induced stem rot tolerance in groundnut (*Arachis hypogaea* L).** (Dr. D N Vakharia), Department of Biochemistry, Junagadh Agricultural University, Gujarat.
2. Shivu Prasad, S R. **Phenological and biochemical changes associated with off season flowering and regular bearing habits in Mango.** (Dr. K K Upreti and Dr. A N Rajeshwara), Department of Biochemistry, Kuvempu University, Shankaraghatta.

Biotechnology

1. Akbari, Disheeta Laljibhai. **Molecular and biochemical characterization of drought tolerant endophytic bacteria isolated from wild poaceae malvaceae family plants.** (Dr. B A Golakia), Department of Biotechnology, Junagadh Agricultural University, Gujarat.
2. Bhadania, Roshani Ashwinbhai. **Molecular and biochemical characterization of salt tolerant endophytic bacteria isolated from wild malvaceae family plants.** (Dr. B A Golakia), Department of Biotechnology, Junagadh Agricultural University, Gujarat.
3. Jasmathbhai, Anatala 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 and Dr. A Y Desai), Department of Biotechnology, Junagadh Agricultural University, Gujarat.

Entomology

1. Sharadrao, Rode Nilesh. **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.

Irrigation & Water Management

1. Prajapati, Girishkumar Vinodkumar. **Response of Bt cotton to irrigation scheduling and mulching.** (Dr. R Subbaiah), Department of Soil & Water Management, Junagadh Agricultural University, Gujarat.

Microbiology

1. Chaturvedi, Anil. **Evaluation of selected nutraceuticals for deactivation of alpha toxin produced by *Clostridium perfringens* in dairy products.** (Dr. Sangeeta Shukla), Department

of Microbiology, Sam Higginbottom Institute of Agriculture, Technology and Sciences.

Genetics & Plant Breeding

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

Soil Science

1. Baban, Misal Nitin. **Dynamics of nitrogen, phosphorus, potassium 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. Dayabhai, Savaliya Bhagvanji. **Study on the effect of photoperiod and showering on milk production in Jaffrabadi Buffaloes.** (Dr. K Ravikala), Department of Livestock Production and Management, Junagadh Agricultural University, Gujarat.

BIOLOGICAL SCIENCES

Biotechnology

1. Sukhlal, Vishwakarma Kishor. **Tissue culture studies in some medicinally important plants of family leguminosae juss.** (Prof. V L Maheshwari), Department of Biotechnology, North Maharashtra University, Jalgaon.

Botany

1. Mangle, Bapu Baburao. **Studies on saprophytic fungi from Nandurbar District, Maharashtra.** (Dr. K B Patil), Department of Botany, North Maharashtra University, Jalgaon.
2. Megha Latha, R. **Screening and biochemical characterization of bioactives of few species of macrofungi in Shimoga and Chikmagalur Districts Karnataka.** (Dr. S Nataraja and Dr. M Krishnappa), Department of Applied Botany, Kuvempu University, Shankaraghatta.
3. Patil, Kiran Prakash. **Biodiversity of algae of Nashik and its environs, Dist. Nasik, Maharashtra.** (Prof. Leelawati T Deore), Department of Botany, North Maharashtra University, Jalgaon.

Marine Science

1. Bhatt, Ashishkumar Jagdishchandra. **Seaweed diversity at pirotan and Narara Island of Marine National Park and Sanctuary in Gulf of Kuchchh (Gujarat).** (Dr. M K Mandavia), Department of Fisheries Resource Management, Junagadh Agricultural University, Gujarat.

Microbiology

1. Jamuna Bai, A. **Role of quorum sensing in food related bacteria.** (Dr. V Ravishankar Rai), Department of Microbiology, University of Mysore, Mysore.
2. Shubha, K S. **Antibacterial and antidiabetic properties of selected medicinal plants from India.** (Dr. N Lakshmidivi), Department of Microbiology, University of Mysore, Mysore.