

THESES OF THE MONTH

SCIENCE & TECHNOLOGY

A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of Feb- March 2018)



AGRICULTURAL & VETERINARY SCIENCES

Agronomy

1. Khetre, Omprakash Sakham. **Response of Bt cotton to planting densities as influenced by growth regulators.** (Dr. V S Shinde), Department of Agronomy, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

Genetics & Plant Breeding

1. Gaikwad, Priyanka Sarjerao. **QTL mapping and phenotypic evaluation of QTL introgression lines for stay-green traits in sorghum (*Sorghum bicolor* (L) Moench).** (Dr. S P Mehtre), Department of Genetics and Plant Breeding, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

2. Singh, Arun Kumar. **Conversion of highly heterotic partial restorers into restorers by marker assisted introgression of major fertility restorer genes in rice.** (Dr. P Revathi), Department of Genetics, Osmania University, Hyderabad.

3. Tathineni, Revathi. **Molecular mapping of candidate genomic regions for resistance to fusarium wilt and important agronomic traits in pigeon pea [*Cajanus cajan* (L)].** (Dr. Rajeev K Varshney), Department of Genetics, Osmania University, Hyderabad.

Horticulture

1. Pimpalpal, Laxman Vankat. **Studies on post harvest management and processing of custard apple (*Annona squamosa* L).** (Dr. V S Khandare), Department of Horticulture, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

Plant Pathology

1. Ghante, Praphulla Hemant. **Studies on variability and integrated management of pigeonpea wilt caused by *Fusarium oxysporum* f. sp. *udum* (Butler) Snyder and Hansen.** (Dr. A P Suryawanshi), Department of Plant Pathology, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

BIOLOGICAL SCIENCES

Botany

1. Barman, Dina. **Diversity of endophytic actinomycetes of selected medicinal plants of Meghalaya.** (Prof. M S Dkhar), Department of Botany, North Eastern Hill University, Shillong.

2. Doley, Pradip. **Phytochemical investigation on antimicrobial and antioxidant plants used by missing tribe of Assam.** (Dr. Ayam Victor Singh and Dr. Ch B K Singh), Department of Botany, Rajiv Gandhi University, Itanagar.

3. Haobam, Romola Devi. **Soil microbial diversity in Mawphlang sacred forest of Meghalaya.** (Dr. M S Dkhar and Dr. S R Joshi), Department of Botany, North Eastern Hill University, Shillong.

Genetics

1. Priyanka, P. **Genotoxicity studies in women agricultural workers occupationally exposed to pesticides.** (Dr. M Hema Prasad), Department of Genetics, Osmania University, Hyderabad.

Zoology

1. Cheekurthi, Suresh Babu. **Studies on the growth potentials and some biochemical observations of fresh water prawn *Macrobrachium rosenbergii* (De Man) with sustainable aquaculture practices.** (Dr. P V Krishna), Department of Zoology and Aquaculture, Acharya Nagarjuna University, Nagarjuna Nagar.

2. Khan, Shaikhul Islam. **Limnological studies in selected floodplain lakes of lower Assam with emphasis on Plankton diversity and their ecological relationships.** (Prof. B K Sharma), Department of Zoology, North Eastern Hill University, Shillong.

EARTH SYSTEM SCIENCES

Environmental Science

1. Naik, K Srinivas. **Genetic engineering of *Escherichia coli* and *Oryza sativa* for enhanced tolerance to heavy metal ions by expressing *rabidopsis thaliana* phytochelatin synthase (*AtPCS1*) gene.** (Dr. B Bhima), Department of Environmental Science, Osmania University, Hyderabad.

2. Nonglait, Tiewri Lyngdoh. **Phytodiversity, soil characteristics and water budget of pahamsyiem microwatershed, Ri Bhoi, Meghalaya.** (Prof. B K Tiwari), Department of Environmental Studies, North Eastern Hill University, Shillong.

Geology

1. Kishore, P Pavan. **Integrated geological, near surface geophysical and geochemical studies over the late cretaceous volcano plutonic complexes of the Bhavnagar Region, Western India.** (Dr. D V Subba Rao), Department of Geology, Osmania University, Hyderabad.

2. Kolachina, Naga Surya Satya Sai Srinivas. **Geological, petrological, geochemical and geophysical studies on Deccan Basalts of Mandla Region, Eastern Deccan Volcanic Province.** (Dr. D V Subba Rao), Department of Geology, Osmania University, Hyderabad.

Geophysics

1. Bhagya, K. **Tectonics and crustal-structural configuration of Dharwar craton India: Bouguer gravity data analysis.** (Dr. G Ramadass), Department of Geophysics, Osmania University, Hyderabad.

2. Mahadeva, Naveen. **Structural uncertainty minimization in seismic image of Eastern Gami area,**