

# THESES OF THE MONTH

## SCIENCE & TECHNOLOGY

### A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of April-May, 2018)

#### AGRICULTURAL & VETERINARY SCIENCES

##### Agricultural Extension

1. Patil, Sandip Sukumar. **A study on leadership behaviour of heads of Panchayat Raj Institutions for agricultural development in South Saurashtra agro-climatic zone of Gujarat.** (Dr. P R Kanani), Department of Agricultural Extension, Junagadh Agricultural University, Junagadh.

##### Agronomy

1. Nayak, Sharad Krushnarao. **Assessment of production potential of soyabean based cropping sequence under resource conservation technologies.** (Dr. W N Narkhede), Department of Agronomy, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

##### Biotechnology

1. Vasanthi, N. **Studies on microbial dissolution of silicates and its effect on growth and yield responses of rice.** (Dr. Lilly M Saleena), Department of Biotechnology, SRM University, Kattankulathur, Chennai.

##### Food Science & Technology

1. Ramachandran, Preethi. **Studies on extraction and utilization of pectin from pumpkin.** (Dr. Anju Dhiman), Department of Food Science and Technology, Dr Y S Parmar University of Horticulture and Forestry, Nauni, District Solan.

##### Forestry

1. Dhiman, Bandana. **Physico-chemical evaluation of wood of toon (*Toona ciliata* M Roem) provenances from Himachal Pradesh.** (Dr. Kulwant Rai Sharma), Department of Forest Products, Dr Y S Parmar University of Horticulture and Forestry, Nauni, District Solan.

##### Horticulture

1. Mehta, Nidhika Dineshkumar. **Epidemiology, assessment of losses and management of mango powdery mildew (*Oidium mangiferae* Berthet).** (Dr. P R Patel), Department of Horticulture, Navsari Agricultural University, Navsari.

##### Soil Science

1. Singare, Pramod Baburao. **Soil plant-animal relationship of Zn, Fe, Mn, Cu and Co in cattle of Parbhani District of Marathwada Region.** (Dr. V D Patil), Department of Soil Science and Agricultural Chemistry, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

#### BIOLOGICAL SCIENCES

##### Botany

1. Kiangte, Lalmuankimi. **16S rRNA gene profiling of phosphorus solubilizing bacteria from paddy fields of Thenzawl.** (Dr. R Lalfakzuala), Department of Botany, Mizoram University, Aizawl.

2. Nongkling, Pynbeitsyon. **Characterization of diversity**

**of arbuscular mycorrhizal fungi associated with *Oryza sativa* L in Ri-Bhoi District Meghalaya.** (Prof. H Kayang), Department of Botany, North Eastern Hill University, Shillong.

3. Singh, Kumari Nitu. **Ethno-botanical studies of some plants belonging to family liliaceae.** (Dr. Mohd Abul Fazal), Department of Botany, Bhupendra Narayan Mandal University, Madhepura.

4. Sujata Kumari. **Biochemical study on the sporulation of blue-green algae of Saharsa District.** (Dr. Sudha Bala), Department of Botany, Bhupendra Narayan Mandal University, Madhepura.

##### Zoology

1. Bamon, Iadalangki. **Studies on effects of photic and non-photoc cues on circadian and seasonal responses in the tree sparrow, *Passer montanus* (L).** (Prof. A S Dixit), Department of Zoology, North Eastern Hill University, Shillong.

2. Kumar Abhishek. **Comparative studies on the seasonal variation of physico-chemical and biological parameters of Baz-Taz Khan Pond and Mamu-Bhanja Pond under Vaishali District of Bihar with reference to fishes.** (Dr. U N Yadav), Department of Zoology, Bhupendra Narayan Mandal University, Madhepura.

3. Lyngdoh, Damanbha. **Studies on the phylogeny and phylogeography of *Fasciola* species (Platyhelminthes: Trematoda: Fasciolidae) prevalent in mammalian livestock in Northeast India.** (Prof. Bishnupada Roy and Prof. Veena Tandon), Department of Zoology, North Eastern Hill University, Shillong.

4. Nitesh Kumar. **Population dynamics and foraging pattern of APIS spp in sunflower *heliianthus annus* L in Madhepura District of Bihar.** (Dr. Anil Kumar Singh), Department of Zoology, Bhupendra Narayan Mandal University, Madhepura.

5. Noroh, Nogen. **Limnological studies in selected floodplain lakes of Tinsukia, Assam.** (Prof. B K Sharma), Department of Zoology, North Eastern Hill University, Shillong.

6. Ubbu, Muthyalu. **Bioefficacy of selected biorational insecticides and development of feasible IPM modules on pests of different Bt cotton hybrids.** (Prof. G Maruthi Ram), Department of Zoology, Osmania University, Hyderabad.

7. Venkatesh, P. **Physico-chemical and biological examination of Peddacheruvu Lake, L B Nagar, with special reference to zooplanktons.** (Prof. Mohd Masood Hussian), Department of Zoology, Osmania University, Hyderabad.

#### EARTH SYSTEM SCIENCES

##### Environmental Science

1. Das, Saumitro. **Effect of plant growth regulators on root proliferation and vegetative growth of stem cuttings of *taxus baccata* L.** (Prof. L K Jha), Department of Environmental Studies, North Eastern Hill University, Shillong.