

# THESES OF THE MONTH

## SCIENCE & TECCHNOLOGY

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



### AGRICULTURAL & VETERINARY SCIENCES

#### ✓ Biotechnology

1. Patel, Swati Kiranbhai. **Identification and molecular characterization of halophilic soil conditioning and phosphate solubilizing fungus from coastal areas of South Gujarat.** (Dr. Sanjay Jha), Department of Biotechnology, Navsari Agricultural University, Navsari.

#### ✓ Food & Nutrition Science

1. Gupta, Shilpee. **Development of generic food for enhance digestibility and nutrient ability.** Department of Food and Nutrition, Punjab Agricultural University, Ludhiana.

#### ✓ Forestry

1. Bawri, Amal. **Diversity and population structure of a few selected species of primula L in Arunachal Pradesh.** (Dr. P R Gajurel and Dr. M L Khan), Department of Forestry, North Eastern Regional Institute of Science and Technology, Arunachal Pradesh.

2. Khanikar, Chumi. **Studies on functional diversity of micro fungi in the rhizosphere soil of important medicinal plants of N E, India using morphological and molecular techniques.** (Dr. S Suresh Kumar Singh), Department of Forestry, North Eastern Regional Institute of Science and Technology, Arunachal Pradesh.

#### ✓ Genetics & Plant Breeding

1. Joshi, Haimilkumar Kamleshkumar. **Genetic architecture of dual purpose pigeonpea [*cajanus cajan* (L) millsp].** (Dr. D A Chauhan), Department of Genetics and Plant Breeding, Navsari Agricultural University, Navsari.

#### ✓ Microbiology

1. Joshi, Nishu. **Scale up of alkaline protease production by *bacillus circulans* MTCC 7906 and its application in detergent supplementation and dehairing of skin.** Department of Microbiology, Punjab Agricultural University, Ludhiana.

### BIOLOGICAL SCIENCES

#### ✓ Biochemistry

1. Lunavat, Shanti Kumari. **Characterization of metal binding protein from microorganisms.** (Prof. S Satyanarayana Singh), Department of Biochemistry, Osmania University, Hyderabad.

#### ✓ Biotechnology

1. Srivastava, Ajeet Kumar. **Biodegradation of lignocelluloses to fermentable sugars and production of bioethanol.** (Dr. Pushpa Agrawal and Dr. B Abdul Rahiman), Department of Biotechnology, Kuvempu University, Shankaraghatta.

#### ✓ Botany

1. Aruna, K B. **Study on diversity and distribution**

**patterns of bryophytes in Chikmagalur District, Karnataka.** (Dr. M Krishnappa), Department of Applied Botany, Kuvempu University, Shankaraghatta.

2. Kausar, Saima. **Effect of wastewater on selected vegetables special reference to heavy metal accumulation.** (Dr. Shahla Faizan), Department of Botany, Aligarh Muslim University, Aligarh.

3. Lavanya Devi, K. **Studies on distribution, chemical profiling and molecular characterization of species of *spilanthes*-medicinal herb in peninsular India.** (Dr. S Ganeshan and Dr. M B Shivanna), Department of Botany, Kuvempu University, Shankaraghatta.

4. Perveen, Rubina. **Impact of microbial inoculants on cadmium stress in selected leguminous plants.** (Dr. Shahila Faizan), Department of Botany, Aligarh Muslim University, Aligarh.

#### Marine Science

1. Das, P H Dhiju. **Investigations on the structural and operational changes of ring seine fishing systems of Kerala and its Life Cycle Assessment (LCA).** (Dr. Leela Edwin), Department of Marine Science, Cochin University of Science & Technology, Kochi.

2. Murukesh, Nebula. **Bioactive metabolites and biomarkers from rhizophoraceae mangroves-a chemotaxonomic approach.** (Dr. N Chandramohanakumar), Department of Chemical Oceanography, Cochin University of Science & Technology, Kochi.

#### Zoology

1. Bhavani Prasad, P. **Ecological studies and seasonal variations of zooplanktons in Shamirpet Lake, Ranga Reddy Dist of Telangana State.** (Dr. A V Raja Shekhar), Department of Zoology, Osmania University, Hyderabad.

2. Maitra, Swati. **Epigenetic mechanisms in etiopathophysiology of mood disorders, with reference to adult neurogenesis.** (Dr. U S N Murthy), Department of Zoology, Osmania University, Hyderabad.

### EARTH SYSTEM SCIENCES

#### ✓ Environmental Science

1. Deb, Pallab. **Habitat evaluation and status of Western Hoolock Gibbon (*Hoolockhoolock Harlan, 1834*) in some distributional ranges in Assam and Mizoram.** (Dr. P K Rai and Prof. P C Bhattacharjee), Department of Environmental Science, Mizoram University, Aizawl.

2. Dodda, Aswatha Narayana Swamy. **Coastal Zone environmental management plan for Udupi District: A scientific approach study.** (Dr. B E Basavarajappa and Dr. E T Puttaiah), Department of Environmental Science, Kuvempu University, Shankaraghatta.

3. Jangandi, Sharanappa. **Studies on alternate land use systems for sustainable production and environment**