

# 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 2016)



### AGRICULTURAL & VETERINARY SCIENCES

#### Agricultural Economics

1. Patil, Ganeshagouda I. **Management of sugar factories in Karnataka: An economic analysis.** (Dr. S B Mahajanashetti), Department of Agribusiness Management, University of Agricultural Sciences, Dharwad.

#### Agronomy

1. Salaria, Amit. **Productivity of no-till maize (*Zea mays* L) as influenced by leguminous cover crops and nitrogen levels.** Department of Agronomy, Punjab Agricultural University, Ludhiana.

#### Biotechnology

1. Dapanage, Manel. **Genetic diversity and transcriptome analysis in sugarcane in response to moisture stress.** (Dr. Sumangala Bhat), Department of Biotechnology, University of Agricultural Sciences, Dharwad.

#### Food Science and Technology

1. Gul, Mohd Khalid. **Studies on radiation processing of rice viscous dispersions for potential applications in encapsulation and edible packaging.** Department of Processing & Food Engineering, Punjab Agricultural University, Ludhiana.

2. Khopade, Rohan Yuvraj. **Effect of biofertilizers, GA<sub>3</sub> and micronutrients on growth, yield and quality of sapota cv kalipatti.** (Dr. A N Patel), Department of Fruit Science, Navsari Agricultural University, Navsari.

#### Forestry

1. Jeccelee, Leishangthem. **Studies on structural diversity and functional dynamism of homegardens in Aizawl District of Mizoram.** (Prof. U K Sahoo), Department of Forestry, Mizoram University, Aizawl.

#### Genetics & Plant Breeding

1. Yashavantha Kumar, K J. **Introgression studies related to durable leaf rust resistance and identification of new sources for slow leaf rusting in bread wheat (*Triticum aestivum* L).** (Dr. S A Desai), Department of Genetics and Plant Breeding, University of Agricultural Sciences, Dharwad.

#### Irrigation & Water Management

1. Namgial, Deldan. **Simulation of heating and cooling of agricultural greenhouse using geothermal energy.** Department of Soil and Water Engineering, Punjab Agricultural University, Ludhiana.

#### Plant Pathology

1. Kansara, Shivangi Sunilkumar. **Epidemiology and management of alternaria leaf spot disease [*Alternaria alternata* (Fr) Keissl] of nigar [*Guizotia abyssinica* (Lf) cass].** (Dr. A N Sabalpara), Department of Plant Pathology, Navsari Agricultural University, Navsari.

#### Soil Science

1. Prakash, Dharam. **Dynamics of soil phosphorus in**

**relation to carbon under different cropping systems.** Department of Soil Science, Punjab Agricultural University, Ludhiana.

2. Thulasiramireddy, T. **Response of byadgi chilli (*Capsicum annum* L) to nitrogen substitution through organics and foliar spray of water soluble fertilizers in a vertisol.** (Dr. B I Bidari), Department of Soil Science and Agricultural Chemistry, University of Agricultural Sciences, Dharwad.

#### Veterinary Science

1. Kshirsagar, Deepak Prakash. **Sero-epidemiology and molecular studies of leptospirosis in livestock and humans in Navsari District of South Gujarat.** (Dr. C V Savalia), Department of Veterinary Microbiology, Navsari Agricultural University, Navsari.

### BIOLOGICAL SCIENCES

#### Botany

1. Jha, Krupaben Hasmukhray. **An angiospermic biodiversity of Banas River corridor in Gujarat.** (Dr. B A Jadeja), Department of Botany, Kachchh University, Bhuj, Kachchh.

2. Jha, Santosh Kumar. **Ethno medical uses of plants of Liliaceae family.** (Prof. Usha Singh), Department of Botany, Nalanda Open University, Patna.

3. Marbaniang, Easter Jones. **Reproductive biology of aquilaria malaccensis lam and illicium griffithii hook f Thomson, two threatened tree species of North-East India.** (Prof. N Venugopal), Department of Botany, North Eastern Hill University, Shillong.

4. Veena Kumari. **Studies on the dynamics of mildew infected coriandrum sativum linn from Bhojpur, (Bihar).** (Dr. M K Pandey and Dr. Surendra Singh), Department of Botany, Veer Kunwar Singh University, Ara.

#### Zoology

1. Giri, Bikash Ranjan. **Evaluation of cestocidal activity and toxicity of carex baccans (Cyperaceae), a traditionally used medicinal plant in Meghalaya.** (Dr. B Roy), Department of Zoology, North Eastern Hill University, Shillong.

2. Navya, H. **Study on the effect of induced obesity on reproductive activity of male and female wistar albino rats.** (Dr. Yajurvedi H N), Department of Zoology, University of Mysore, Mysore.

### EARTH SYSTEM SCIENCES

#### Environmental Science

1. Choudhury, Moumita. **Insecticidal bioefficacy of some indigenous plant extracts against pest complex of lycopersicon esculentum linn in Meghalaya.** (Prof. D Paul), Department of Environmental Studies, North Eastern Hill University, Shillong.