

# THESES OF THE MONTH

## SCIENCE & TECHNOLOGY

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



*Subin Das*

### ✓ AGRICULTURAL & VETERINARY SCIENCES

#### ✓ Agronomy

1. Mawalia, Anil Kumar. **Enhancing productivity of sugarcane (*Saccharum officinarum* L) by optimizing subsoiling and preparatory tillage operations under South Gujarat condition.** (Dr. J G Patel), Department of Agronomy, Navsari Agricultural University, Navsari.

#### ✓ Entomology

1. Gurav, Sandeep Sadashiv. **Studies on coconut black headed caterpillar *Opisina arenosella* Walker, and associated larval parasitoid, *Goniozus nephantidis* (Muesebeck) under South Gujarat conditions.** (Dr. G G Radadia), Department of Agricultural Entomology, Navsari Agricultural University, Navsari.

#### ✓ Food Science & Technology

1. Kalariya, Vijaysinh Dhanjibhai. **Response of foliar application of micronutrients novel organic liquid fertilizer and sea weed extract on okra [*Abelmoschus esculentus* L (Moench)].** (Dr. D R Bhandari), Department of Fruit Science, Navsari Agricultural University, Navsari.

2. Patel, Himani Biharilal. **Response of cluster bean [*Cyamopsis tetragonoloba* (L) Taub] to foliar application of PGRs.** (Dr. S N Saravaiya), Department of Fruit Science, Navsari Agricultural University, Navsari.

3. Patel, Ronakbhai Jayantilal. **Response of micronutrients and banana pseudostem sap at different pH levels of foliar spray solution on yield and quality of mango (*Mangifera indica* L) cv Kesar.** (Dr. S J Patil), Department of Fruit Science, Navsari Agricultural University, Navsari.

#### ✓ Soil Science

1. Asmatullah. **Effect of phosphorus management on rabi maize-green gram cropping sequence under South Gujarat condition.** (Dr. Sonal Tripathi), Department of Soil Science and Agricultural Chemistry, Navsari Agricultural University, Navsari.

### BIOLOGICAL SCIENCES

#### ✓ Biotechnology

1. Bhotra, Tilothama. **Genetic analysis of SXT-related element in vibrio species isolated from coral samples.** (Dr. D V Singh), Department of Biotechnology, Utkal University of Culture, Bhubaneswar.

2. Puntambekar, Ashwini Nilesh. **Biochemical studies on bacterial alkaline proteases from hot water springs and their applications.** Department of Biotechnology, Dr D Y Patil Vidyapeeth, Pune.

#### ✓ Botany

1. Sen, Priyanka. **Development of transgenic rice expression  $C_4$  enzymes.** (Dr. Karabi Dattta), Department of Botany, University of Calcutta, Kolkata.

#### ✓ Microbiology

1. Swamy, C T. **Lichen associated bacteria and their role in plant growth promoting properties.** (Dr. Gayathri Devaraja), Department of Microbiology, Davangere University, Davangere.

#### ✓ Zoology

1. Dasgupta, Jhikmik. **Taxonomy of sap beetles (Coleoptera: Nitidulidae) of North-East India and observation on their biological features.** (Dr. Tarun Kumar Pal), Zoological Survey of India, University of Calcutta, Kolkata.

2. Mohanty, Swati Sucharita. **A study on correlation of various prognostic parameters with ER, PR and HER-2/neu status in malignant breast lesions.** (Prof. Prafulla Kumar Mohanty), Department of Zoology, Utkal University of Culture, Bhubaneswar.

3. Noothi, Sreenu. **A study on growth impact of Indian major carp catla catla (Hamilton) in polluted and treated water of Hussainsagar Lake in Hyderabad, Telangana State.** (Prof. B Reddy Naik and Prof. C Venkateswar), Department of Zoology, Osmania University, Hyderabad.

4. Sunil Kumari. **Identification and comparison of antibacterial components in the fish mucus of freshwater fishes of different feeding habits and habitats.** (Dr. Anita Bhatnagar), Department of Zoology, Kurukshetra University, Kurukshetra.

### ✓ EARTH SYSTEM SCIENCES

#### ✓ Environmental Science

1. Sharath Kumar, P. **Analysis of sewage and sludge in selected Sewage Treatment Plants (STP) in and around Hyderabad.** (Prof. A Narsing Rao), Department of Environmental Science, Osmania University, Hyderabad.

#### Geology

1. Kurella, Narender Kumar. **Geological hydrogeomorphological studies to assess groundwater potential in Yepuru watershed in parts of Chityal, Choutuppal and Narayanpur Mandals Nalgonda District, Telangana using remote sensing and GIS.** (Prof. A Narsing Rao), Department of Geology, Osmania University, Hyderabad.

### ENGINEERING SCIENCES

#### Civil Engineering

1. Chandra, Dendukuri Satish. **An integrated quality approach for creation of environmental information system using geomatics: A model study.** (Dr. A. Siva Sankar), Department of Civil Engineering, Koneru Lakshmaiah Education Foundation, Guntur.

2. Khwaja, Mohammad Anwar. **Analysis and prediction of groundwater quality.** Department of Civil Engineering, Maharishi Markandeshwar University, Ambala.