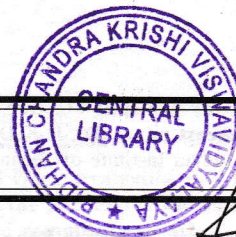


THESES OF THE MONTH



SCIENCE & TECHNOLOGY

A List of doctoral theses accepted by Indian Universities
(Notifications received in AIU during the month of January-February, 2017)

AGRICULTURAL & VETERINARY SCIENCES

Agricultural Meteorology

1. Navneet Kaur. **Simulating the yield of maize (*Zea mays* L) under projected climate change scenarios in Punjab.** School of Climate Change and Agricultural Meteorology, Punjab Agricultural University, Ludhiana.
2. Sukhjeet Kaur. **Diagnosis of thermal and nutrient stresses in wheat (*Triticum aestivum* L) using remote sensing techniques and their management.** School of Climate Change and Agricultural Meteorology, Punjab Agricultural University, Ludhiana.

Agronomy

1. Virk, Harpreet Kaur. **Growth and productivity of soybean as influenced by planting methods, biofertilizers and nitrogen levels.** Department of Agronomy, Punjab Agricultural University, Ludhiana.

Food Science & Technology

1. Sharma, Priya. **Development and nutritional evaluation of antioxidant rich products of bottle gourd (*Lagenaria siceraria*) incorporating inulin and their impact on hypercholesterolemic subjects.** Department of Food and Nutrition, Punjab Agricultural University, Ludhiana.

Genetics & Plant Breeding

1. Rajendra Krishna, G V. **Identification, mapping and introgression of QTLs for early seedling vigor in rice (*Oryza sativa* L).** (Dr. M S Ramesha), Department of Genetics, Osmania University, Hyderabad.

Horticulture

1. Binnu Singh. **Pharmacological studies on novel anti-diabetic bioactive constituents of some ethno medicinal plants of Mizoram.** (Prof. A C Shukla and Dr. Ramesh Singh), Department of Horticulture, Aromatics & Medicinal Plants, Mizoram University, Aizawl.

BIOLOGICAL SCIENCES

Life Sciences

1. Avaiyarasi, N Devi. **Characterization of novel bacteriocins producing lactic acid bacteria from milk products for their potential probiotization.** (Dr. A David Ravindran), Department of Biology, Gandhigram Rural Institute-Deemed University, District Dindigul.

Biotechnology

1. Suseela, L. **Purification, characterization and structure prediction of a new cold active lipase from *mericalla nidulans* NFCCI 3643.** (Dr. J Naveena Lavanya Latha), Department of Biotechnology, Krishna University, Machilipatnam.

Botany

1. Kavitha, D. **Anatomy, preliminary phytochemical and RAPD analysis of some ecotypes of *hemidesmus indicus* (L) R Br from parts of Southern Telangana.** (Prof. P Ramachandra Reddy), Department of Botany, Osmania University, Hyderabad.
2. Prajapati, Sujit Ramanlal. **Ecological studies on selected wetlands of the central Gujarat.** (Dr. A S Reddy), B R D School of Biosciences, Sardar Patel University, Anand.
3. Shrivastava, Deepa. **A comparative study of status of air environment at natural and an industrial area.** (Dr. Kavita Sharma and Dr. Rizwan Uila), Faculty of Life Science, Sarguja Vishwavidyalaya, Ambikapur (C.G).

Zoology

1. Anand Kumar, D. **In vitro and in vivo evaluation of traditional diet and beverages on experimentally induced hyperglycemia and oxidative stress in rats.** (Dr. A K Tiwari), Department of Zoology, Osmania University, Hyderabad.
2. Vabeiryureilai, M. **Anticarcinogenic potential of hesperidin in a chemical carcinogenesis mouse model and in cultured human A431 cells.** (Prof. G C Jagetia), Department of Zoology, Mizoram University, Aizawl.

EARTH SYSTEM SCIENCES

Environmental Science

1. Gandhi, Nenavath. **Removal of chromium (VI) and fluoride from wastewater using different techniques.** (Dr. D Sirisha and Prof. K B Chandra Sekhar), Department of Environmental Science, Jawaharlal Nehru Technological University Anantapur, Ananthapuramu.
2. Nayak, B Rajender Rao. **Ecological studies on Shamirpet Lake with reference to water quality.** (Prof. P Manikya Reddy), Department of Botany, Osmania University, Hyderabad.

Geochemistry

1. Basu, Himadri. **Geology and geochemistry of the palaeoproterozoic gulcheru formation in the Southwestern margin of the Cuddapah Basin, A P: Implications for Basin evolution and uranium mineralization.** (Prof. R S N Sastry), Department of Applied Geochemistry, Osmania University, Hyderabad.
2. Sastry, D V L N. **Geochronology and geochemistry of the granites of Chandrasekharapuram-Pamuru Area, Prakasam District Andhra Pradesh.** (Dr. G Nagendra Babu and Prof. V Sudarshan), Department of Applied Geochemistry, Osmania University, Hyderabad.

Geology

1. Paswan, Ranjit Kumar. **Geotechnical characterization**