
THESES OF THE MONTH

SCIENCE & TECHNOLOGY

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

AGRICULTURAL & VETERINARY SCIENCES

Agronomy

1. Gacche, Amarjyoti Taterao. **Sustaining the productivity of Bt cotton through planting geometry and integrate nutrient management under rainfed condition.** (Dr. D N Gokhale), Department of Agronomy, Vasantao Naik Marathwada Agricultural University, Parbhani.

2. Jadhav, Prashantkumar Bhagawanrao. **Studies on mechanization and non mechanization practices in soybean-safflower cropping sequence under varying spacing and nutrient management.** (Dr. V S Shinde), Department of Agronomy, Vasantao Naik Marathwada Agricultural University, Parbhani.

3. Kamble, Dipali Ramesh. **Response of summer groundnut (*Arachis hypogaea* L) to different irrigation level and mulches under drip irrigation.** (Dr. D N Gokhale), Department of Agronomy, Vasantao Naik Marathwada Agricultural University, Parbhani.

Entomology

1. Ghosh, Pallavi. **Bioefficacy and persistence of botanicals against insect-pests on cauliflower.** (Dr. D C Sharma), Department of Entomology, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

Extension Education

1. Mane, Shilratna Sudhakar. **Reading behavior and satisfaction level of "Shetibhati" farm magazine reader.** (Dr. J V Ekale), Department of Extension Education, Vasantao Naik Marathwada Agricultural University, Parbhani.

Forestry

1. Mehta, Abhishek Ambashankarbhai. **Evaluation of safed mulsi (*Chlorophytum borivillianum* Sant and Fernand) germplasm for growth, yield, saponin content and suitability in agroforestry system.** (Dr. D B Jadeja), Department of Agroforestry, Navsari Agricultural University, Navsari.

BIOLOGICAL SCIENCES

Bioinformatics

1. Rajamanikandan, S. **Identification of lead molecules targeting LuxR and LuxP proteins of vibrio harveyi: An in silico and in vitro approach.** (Dr P Srinivasan), Department of Bioinformatics, Alagappa University, Karaikudi.

Botany

1. Alaboina, Srujana. **Assessment of genetic diversity, in vitro screening of phytochemicals and draught tolerance in cowpea cultivars.** (Dr. N Lakshmi Bhavani), Department of Botany, Osmania University, Hyderabad.

2. Unadkat, Krupaben Vinodray. **Phytoremediation of heavy metal ions by selected aquatic weeds.** Department of Botany, M S University of Baroda, Vadodara.

Genetics

1. Tamang, Rakesh. **Genetic affinities among the populations of the Himalayas.** (Prof. S Vishnu Priya), Department of Genetics, Osmania University, Hyderabad.

Life Science

1. Bajaj, (nee Verma) Saumya. **Studies on membrane penetration and heterologous packaging ability of a non-enveloped insect virus, flock house virus.** (Prof. Manidipa Banerjee), Kusuma School of Biological Sciences, Indian Institute of Technology Delhi, New Delhi.

2. Kandpal, Manish. **The role of defective hepatitis B virus in wild-type hepatitis B virus replication.** (Prof. Vivekanandan Perumal), Kusuma School of Biological Sciences, Indian Institute of Technology Delhi, New Delhi.

Zoology

1. Bokka, Kavitha. **Study of phytonematode distribution in tomato and brinjal crops of Ranga Reddy District Telangana State and the related biochemical studies.** (Prof. V Vanitha Das), Department of Zoology, Osmania University, Hyderabad.

2. Ganguli, Aparajita. **Compatibility of entomogenous fungus verticillium lecanii (ZIMM) with selected insecticides and fungicides in grapes.** (Prof. Nagaraja Rao), Department of Zoology, Osmania University, Hyderabad.

EARTH SYSTEM SCIENCES

Atmospheric Science

1. Srivastava, Parul. **Modulation of aerosol radiative forcing over Delhi NCR by mixing state and particle morphology.** (Prof. Sagnik Dey and Prof. P Agarwal), Centre for Atmospheric Sciences, Indian Institute of Technology Delhi, New Delhi.

Environmental Science

1. Lalmuansangi. **Assessment of water quality and flora in and around Palak Lake, South Mizoram, India.** (Prof. H Lalramnghinglova and Prof. Lalnuntluanga), Department of Environmental Science, Mizoram University, Aizawl.

2. Poonam. **Fermentation of enzymatically saccharified rice husk for bioethanol production.** (Dr. Rajesh Dhankhar), Department of Environmental Science, Maharshi Dayanand University, Rohtak.

Geology

1. Benerji, Upasana Swaroop. **Holocene climatic variability using mudflats from Saurashtra, Western India.** Department of Geology, M S University of Baroda, Vadodara.

2. Kaval Kumar, D. **Web enabled GIS application in natural resources management in the serilingampally Mandal of R R District: A case study of Municipal geological studies.** Telangana State, India. (Prof. R Pavanaguru), Department of Geology, Osmania University, Hyderabad.