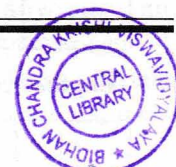


THESES OF THE MONTH

SCIENCE & TECHNOLOGY

A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of April-May, 2019)



AGRICULTURAL & VETERINARY SCIENCES

Entomology

1. Panchbhai, Pramod Raghodeo. **Mechanism of host plant resistance to *Helicoverpa armigera* (Hubner) in chickpea.** (Dr. D B Undirwade), Department of Agricultural Entomology, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

Extension Education

1. Nagnath, Pundlikrao Jangwad. **Perception of green chilli grower's regarding environmental risk in use of pesticide's in Vidarbha Region.** (Dr. P K Walke), Department of Extension Education, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

2. Shambharkar, Yashwanta Baburaoji. **Stress management of farmers in distress prone area of Vidarbha.** (Dr. D M Mankar), Department of Extension Education, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

Horticulture

1. Malsawmkimi. **Standardization of organic nutrient management protocol for Khasi Mandarin (*Citrus reticulata* blanco) in Mizoram.** (Dr. T K Hazarika), Department of Horticulture, Aromatics & Medicinal Plants, Mizoram University, Aizawl.

Microbiology

1. Latha, Kadimi Swarna. **Studies on biodiversity of AM fungi on major agricultural crops of different agroclimatic zones of United Andhra Pradesh.** (Prof. K Ammani), Department of Microbiology, Acharya Nagarjuna University, Nagarjuna Nagar.

BIOLOGICAL SCIENCES

Botany

1. Jangam, Ganga Kailas. **Pollen diversity and viability of arborescent plants of Karimnagar District, Telangana State, India.** (Prof. Hari Ramakrishna), Department of Botany, Osmania University, Hyderabad.

Microbiology

1. Puppala, Ganga Mani. **Bioformulations form endophytic fungi isolated from rhizome of acorus calamus against chilli anthracnose incited by colletotrichum sp.** (Dr. A Amrutha Valli), Department of Microbiology, Acharya Nagarjuna University, Nagarjuna Nagar.

Zoology

1. Patel, Pragnesh Bhikhabhai. **Studies on deltamethrin-second generation pesticide toxicity and its amelioration.** (Dr. K R Desai), Department of Zoology, Gujarat University, Ahmedabad.

2. Wangchu, Leki. **Describing parasite diversity and**

ecology: The case of parasitic monogenoids (*Platyhelminthes*) on Indian catfishes (Teleostei: *Siluriformes*) with special reference to Arunachal Pradesh. (Prof. Amit Tripathi), Department of Zoology, Rajiv Gandhi University, Itanagar.

EARTH SYSTEM SCIENCES

Environmental Science

1. Bharti, Nisha. **Implications and prospects of microbial based integrated management of arsenic remediation in rice (*Oryza sativa* L).** (Dr. V S Baghel), Department of Environment Microbiology, Babasaheb Bhim Rao Ambedkar University, Lucknow.

2. Dhananjay Kumar. **Phytoremediation of soil co-contaminated with copper, cadmium and organochlorine pesticides.** (Dr. Narendra Kumar), Department of Environmental Science, Babasaheb Bhim Rao Ambedkar University, Lucknow.

3. Rawat, Abhay Prakash. **Application of mentha plant ash derived from distilled mentha piperita plant waste as adsorbent in removal of dyes and heavy metals from aqueous solutions.** (Prof. D P Singh), Department of Environmental Science, Babasaheb Bhim Rao Ambedkar University, Lucknow.

4. Sachdev, Swati. **Enhancing efficacy of biocontrol of fusarium wilt and early blight of tomato (*Lycopersicon esculentum* Mill) by *trichoderma* and *psedomonas*.** (Prof. R P Singh), Department of Environmental Science, Babasaheb Bhim Rao Ambedkar University, Lucknow.

Geochemistry

1. Anitha, N. **Geochemistry of paleoproterozoic grey and black shale overburden of the Mangampeta Barite Deposit, Cuddapah Basin, Andhra Pradesh.** (Prof. V Sudharshan), Department of Applied Geochemistry, Osmania University, Hyderabad.

Geology

1. Pagidoju, Lakshmi. **Petrological and structural characteristics of the schist belt and adjacent rocks in Eastern Dharwar Craton in parts of Nalgonda District, Telangana State.** (Prof. A Narsing Rao), Department of Geology, Osmania University, Hyderabad.

2. Tenneti, Rambabu. **Integrated geoenvironmental evaluation of upland area of West Godavari District Andhra Pradesh, India.** (Prof. P Sankara Pitchaiah), Department of Geology, Acharya Nagarjuna University, Nagarjuna Nagar.

Geophysics

1. Mukkera, Laxminarayana. **Enhancing suitable groundwater potential zones for agriculture practices at village level using watershed model by geophysical methods in parts of Karimnagar, Telangana State.** (Dr. Ram raj Mathur), Department of Geophysics, Osmania University, Hyderabad.