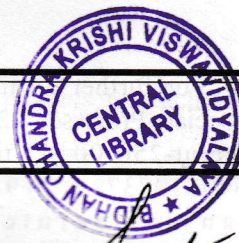


THESES OF THE MONTH



SCIENCE & TECHNOLOGY

A list of doctoral theses accepted by Indian Universities (Notifications received in AIU during Jan-Feb 2016)

AGRICULTURAL & VETERINARY SCIENCES

Agricultural Extension

1. Das, Bibhuanandini. **Diffusion of information and communication technologies: Evidence from Indian agriculture.** (Prof. K J Joseph and Dr. U S Mishra), Centre for Development Studies, Jawaharlal Nehru University, New Delhi.

2. Ramasubraman, M R. **Studies on constraints in adoption of conservation agriculture technologies among the farming community in Tamil Nadu.** (Prof. B S Hansra), Department of Agricultural Extension, Indira Gandhi National Open University, New Delhi.

Horticulture

1. Kadam, Aditya Rajendra. **Studies on post harvest shelf life and processing of red fleshed Guava (*Psidium guajava* L).** (Dr. V S Khandare), Department of Horticulture, Vasantrao Naik Marathwada Agricultural University, Parbhani.

BIOLOGICAL SCIENCES

Bio Science

1. Shweta. **In silico search of miRNA and siRNA targets against begomoviruses in cotton (*Gossypium hirsutum*) host plant.** (Prof. Jawaid Ahmad Khan), Department of Bio Science, Jamia Millia Islamia, New Delhi.

Botany

1. Devpura, Vinita. **Assessment of diversity among natural population *Anogeissus latifolia* wall using molecular markers.** (Prof. S D Purohit), Department of Botany, Mohanlal Sukhadia University, Udaipur.

2. Gajendera Kumar. **Allelopathic impact of *Croton bonplandianum* on some weed and crop plants.** (Dr. Mohd Abul Fazal), Department of Botany, Bhupendra Narayan Mandal University, Madhepura.

3. Gupta, Chhavi. **Antimicrobial and phytochemical analysis of *Vanda tessellata*, *Cuscuta reflexa* and *Striga orobanchioides* of Southern Rajasthan.** (Dr. S S Katewa), Department of Botany, Mohanlal Sukhadia University, Udaipur.

4. Panwar, Vipin. **Variability study in *Fusarium* spp/ isolated causing fusarium head blight in wheat and eco-friendly management through bio-agents.** (Dr. Ashok Aggarwal and Dr. M S Saharan), Department of Botany, Kurukshetra University, Kurukshetra.

5. Pushpa Devi. **Soil microbial diversity, residue decomposition and carbon storage in conservation agriculture systems.** (Dr. Ashok Aggarwal and Dr. M S Saharan), Department of Botany, Kurukshetra University, Kurukshetra.

6. Radheshyam. **Studies on the effect of Lanthanum and cerium on the growth, biochemical constituents and productivity of certain plants.** (Prof. N C Arey), Department of Botany, Mohanlal Sukhadia University, Udaipur.

7. Salvi, Jyotsna. **Study of under-utilized wild edible plants of Southern Rajasthan with special reference to their nutritive value.** (Prof. S S Katewa), Department of Botany, Mohanlal Sukhadia University, Udaipur.

8. Suthar, Dimple. **Study on in vitro adventitious shoot bud differentiation and plantlet regeneration in *Annona squamosa* linn.** (Prof. S D Purohit), Department of Botany, Mohanlal Sukhadia University, Udaipur.

9. Suthar, Yogita. **Study of magnetic coupling of the solar atmosphere.** (Prof. S N A Jaffery), Department of Botany, Mohanlal Sukhadia University, Udaipur.

Life Science

1. Kisku, Arun Vincent. **Investigations on the modulation of APX gene and HSF3 gene in heterologous systems and their comparative effect on abiotic stress tolerance.** (Prof. Neera Bhalla Sarin), School of Life Sciences, Mohanlal Sukhadia University, Udaipur.

2. Naik, Pradeep Kumar. **Rational design, chemical synthesis and experimental evaluation of novel Tubulin-binding noscapinoids as potent anti-cancer drugs.** Department of Life Science, Sambalpur University, Sambalpur.

3. Singh, Alok Kumar. **Modulation of host cell interactomics by intercellular pathogen *Leishmania donovani*.** (Prof. R Madhubala), School of Life Science, Jawaharlal Nehru University, New Delhi.

4. Sinha, Sujata. **Isolation and characterization of microbial chitosanases for production of bioactive oligosaccharides.** (Prof. Pushplata Tripathi and Prof. Subhash Chand), Department of Life Sciences, Indira Gandhi National Open University, New Delhi.

5. Thakur, Meenakshi. **Ethno botanical studies on Darlaghat Wild Life Sanctuary Himachal Pradesh, India.** (Prof. Amrita Nigam and Dr. V K Santvan), Department of Life Science, Indira Gandhi National Open University, New Delhi.

6. Tripathi, Anamika. **In vitro plant regeneration of medicinally important plants.** (Prof. Amrita Nigam and Prof. N S Abbas), Department of Life Sciences, Indira Gandhi National Open University, New Delhi.

7. Vijay Kumar. **Population ecology and the bionomic of selected phthirapteran ectoparasites infesting domestic fowls (*Galliformis*) and common goose (*Anseriformis*).** (Prof. S S Hasan and Prof. Arun Kumar), Department of Life Science, Indira Gandhi National Open University, New Delhi.

8. Zargar, Sajad Ul Haq. **Studies on leaf spot disease of mulberry (*Morus* sp) under temperate climatic conditions of Jammu and Kashmir.** (Prof. S S Hasan), Department of Life Science, Indira Gandhi National Open University, New Delhi.

Microbiology

1. Choudhury, Sumita. **Mechanistic studies on enzyme-substrate interaction in protein cofactor driven**