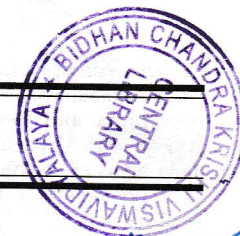


THESES OF THE MONTH

SCIENCE & TECHNOLOGY

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



Subin
af

✓ Agricultural Engineering

1. Sachan, Ashish. **Wavelet-ann and wavelet-ann based run off modelling.** (Dr. Devendra Kumar), Department of Soil and Water Conservation Engineering, G B Pant University of Agriculture and Technology, Pantnagar.

✓ Agricultural Extension

1. Surinder Singh. **A study on sustainability of vegetable farming based Self Help Groups (SHG) in Himachal Pradesh.** (Prof. B S Hansra and Dr. Jancy Gupta), Department of Agricultural Extension, Indira Gandhi National Open University, New Delhi.

✓ Agronomy

1. Avikal Kumar. **Studies on tillage and weed management practices on wheat and weeds grown after transplanted rice.** (Dr. Rohitashv Singh), Department of Agronomy, G B Pant University of Agriculture and Technology, Pantnagar.

2. Mandal, Tanumay. **Tillage, nutrient and irrigation management in rice-wheat cropping system in silty clay loam soil.** (Dr. Subhash Chandra), Department of Agronomy, G B Pant University of Agriculture and Technology, Pantnagar.

✓ Entomology

1. Devrani, Ashish. **Screening of wheat cultivars and bioefficacy of some chemical and bioproducts against aphids.** (Dr. Ruchira Tiwari), Department of Entomology, G B Pant University of Agriculture and Technology, Pantnagar.

✓ Genetics & Plant Breeding

1. Mohammed Talha. **Genetics diversity based on morphology, SSR markers and reproductive biological parameters in bamboo species.** (Dr. Salil Kumar Tiwari), Department of Genetics and Plant Breeding, G B Pant University of Agriculture and Technology, Pantnagar.

2. Santosh, P. **Development of maintainer and restorer lines of rice (*Oryza sativa* L) combining resistance to bacterial blight and blast through marker aided breeding.** (Prof. E A Siddiq), Department of Genetics, Osmania University, Hyderabad.

✓ Horticulture

1. Arvind, Shivangi. **Effect of leaf to ratio on yield and quality of guava (*Psidium guajava* L.) under high density planting.** (Dr. Shant Lal), Department of Horticulture, G B Pant University of Agriculture and Technology, Pantnagar.

✓ Plant Physiology

1. Narendra Kumar. **In vitro studies of antioxidant potential in *Rauvolfia serpentina* L under PEG induced drought.** (Dr. Deepti Shankhdhar), Department of Plant Physiology, G B Pant University of Agriculture and Technology, Pantnagar.

✓ Veterinary Science

1. Sathapathy, Srinivas. **Osteo-morphological studies on the vertebrae, ribs and sternum of blue bull (*Boselaphus tragocamelus*).** (Dr. Balwinder Singh), Department of Veterinary Anatomy, G B Pant University of Agriculture and Technology, Pantnagar.

BIOLOGICAL SCIENCES

Botany

1. Dash, Gautam Kumar. **Physiological, biochemical and molecular analysis of drought tolerance in rice landraces.** (Dr. Padmini Swain), Department of Botany, Utkal University of Culture, Bhubaneswar.

2. Jena, Gouri Sankar Jaga Prakash. **Studies on the medicobotany of crop weeds in some selected coastal Districts of Odisha.** (Dr. Kunja Bihari Satapathy), Department of Botany, Utkal University of Culture, Bhubaneswar.

3. Mohapatra, Manisha. **Assessment of embelin content and its antioxidant activity of two less-explored plant species of the family myrsinaceae.** (Dr. Udaya Chand Basak), Department of Botany, Utkal University of Culture, Bhubaneswar.

4. Niranjana, A. **Palynodiversity in the honey samples from Nallamala forest of Nagarkurnool District in Telangana State.** (Prof. H Ramakrishna), Department of Botany, Osmania University, Hyderabad.

5. Sahoo, Hemanta Kumar. **Studies on the diversity, distribution and ethno-botany of wild edible plants of simlipal biosphere reserve with special reference to assessment of nutritional value of commonly preferred species.** (Dr. Ramesh Chandra Misra), Department of Botany, Utkal University of Culture, Bhubaneswar.

Life Science

1. Chauhan, Prem Prakash. **Ethnobotanical studies of Pabbar Valley in Himachal Pradesh.** (Prof. Amrita Nigam and Dr. Virendra K Santvan), Department of Life Sciences, Indira Gandhi National Open University, New Delhi.

2. Suresh, S. **Modeling and structural studies of DNA polymerases from pathogenic yeast (*Candida albicans*): A computational approach.** (Dr. Anshuman Dixit), Department of Life Science, Utkal University of Culture, Bhubaneswar.

Zoology

1. Pahwa, Kanika. **Aspects of reproductive biology of African sharptooth catfish, *Clarias gariepinus* (Burchell) from river Yamuna in Delhi Region.** (Dr. Rajnesh Kumar Sharma), Department of Zoology, Kurukshetra University, Kurukshetra.

EARTH SYSTEM SCIENCES

Environmental Science

1. Gaur, Rubia Zahid. **Improving biogas production in urban waste co-digestion.** (Dr. Surendra Singh Suthar), Department of Environmental Science, Doon University, Dehradun.