

THESES OF THE MONTH

SCIENCE & TECHNOLOGY

A List of doctoral theses accepted by Indian Universities
(Notifications received in AIU during the month of Dec. 2018-Jan 2019)



AGRICULTURAL & VETERINARY SCIENCES

Biochemistry

1. Reetu. **Antioxidant properties and molecular diversity of Meethi Neem (*Murraya koenigii* (L) spreng).** (Dr. Nageswer Singh), Department of Chemistry & Biochemistry, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

Biotechnology

1. Ravinder Singh. **Characterization of genes influencing heat stress adaptation in buffaloes of Odisha State.** (Dr. C Rajesh), Department of Biotechnology, Sri Guru Granth Sahib World University, Fatehgarh Sahib.

Entomology

1. Sharma, Sugandha. **Bioefficacy of biopesticides and novel insecticides of *Leucinodes orbonalis* Guenee and their safety to natural enemies.** (Dr. Y S Chandel), Department of Entomology, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

Floriculture

1. Shishodia, Dev Pal Singh. **Effect of integrated nutrient management of production of flowers and corms in gladiolus (*Gladiolus grandiflorus* L).** (Dr. Partap Singh), Faculty of Agriculture, Monad University, Hapur.

Microbiology

1. Sharma, Parul. **Characterization and comparison of siderophores producing *Pseudomonas* strains in relation to growth of replanted apple.** (Dr. Mohinder Kaur), Department of Microbiology, Dr Y S Parmar University of Horticulture and Forestry, Nauni, District Solan.

Plant Pathology

1. Agale, Ramdas Chandrabhan. **Studies on management of soybean dry root rot caused by *Rhizoctonia bataticola* (Taub) butler.** (Dr. A P Suryawaanshi), Department of Plant Pathology, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

2. Daunde, Anand Tulshiram. **Integrated management of collar rot of chilli caused by *Sclerotium rolfsii* sacc.** (Dr. K T Apet), Department of Plant Pathology, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

Veterinary Science

1. Pravesh Kumar. **Infertility in bovines of Himachal Pradesh-prevalence, diagnosis and therapeutic management.** (Dr. Madhumeet Singh), Department of Veterinary Gynaecology and Obstetrics, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

2. Sandeep Kumar. **Three dimensional (3D) ultrasonographic and color Doppler studies of prenatal fetal development in the ewe and postnatal testicular development in ram.** (Dr. R K Chandolia), Department of

Veterinary Gynaecology and Obstetrics, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar.

BIOLOGICAL SCIENCES

Biotechnology

1. Naresh Kumar. **Vincristine loaded folic acid-chitosan conjugated nanoparticles for cancer therapy against (NSCLC) Non-Small Cell Lung Cancer.** (Prof. R K Salar), Department of Biotechnology, Chaudhary Devi Lal University, Sirsa.

2. Pardeep Kumar. **Bioaugmentation of phenolics and antioxidant potential of peanut waste (Peanut press cake) by fermentation with GRAS fungal and bacterial strains.** (Dr. J S Duhan), Department of Biotechnology, Chaudhary Devi Lal University, Sirsa.

Botany

1. Chakraborty, Prosenjit. **Molecular detection, diversity analysis and management of some RNA viruses infecting crops in North-East Indian plains.** (Prof. A Saha and Dr. D Saha), Department of Botany, University of North Bengal, Darjeeling.

2. Pradhan, Puspanjali. **Epilithic and cryptoendolithic cyanobacteria of historic monuments and caves of Western Odisha.** (Dr. B Nayak), Department of Botany, Sambalpur University, Sambalpur.

Life Science

1. Seth, Sen. **Studies on in vitro propagation and phytochemical characterization of abutilon indicum sweet (Linn) A medicinal herb.** (Dr. J Panigrahi), Department of Biotechnology, Sambalpur University, Sambalpur.

EARTH SYSTEM SCIENCES

Environmental Science

1. Behera, Shradhanjali. **Analysis of aluminium salt formation due to the substitution of sulphur via simulated acid rain in Brahmi herbs (*Bacopa monnieri*).** (Dr. P C Mishra), Department of Environmental Science, Sambalpur University, Sambalpur.

2. Mohd Baqir. **Carbon sequestration and fuel wood assessment of Kahinure Plantation Forest in rural area of District Mau, Uttar Pradesh, India.** (Prof. R P Singh), Department of Environmental Science, Babasaheb Bhim Rao Ambedkar University, Lucknow.

3. Nautiyal, Prachi. **Soil carbon sequestration potential of temperate agroecosystems of Uttarakhand Himalaya.** (Prof. Kusum Arunachalam), School of Environment and Natural Resources, Doon University, Dehradun.

4. Punetha, Disha. **Impact study on vegetation and aquatic ecology consequent to the construction of Tehri**