

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

Agricultural Economics

1. Gohain, Namami. **Status of agricultural marketing infrastructure in Punjab.** Department of Agricultural Economic, Punjab Agricultural University, Ludhiana.

Agricultural Engineering

1. Patil, Nishan Namdev. **Development and performance evaluation of power operated paper-chain pot garlic transplanter.** (Dr. G U Shinde), Department of Farm Machinery and Power Engineering, Vasantrya Naik Marathwada Agricultural University, Parbhani.

Biotechnology

1. Chauhan, Ruchi. **Marker assisted and doubled haploidy breeding for the development of blast and bacterial blight resistant rice pyramid lines.** (Dr. R K Kapila), Department of Agricultural Biotechnology, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

Genetics & Plant Breeding

1. Dhial, Ritika Singh. **Gene action for seed yield and fibre traits in linseed (*Linum usitatissimum* L).** (Dr. Satish Paul), Department of Crop Improvement, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

Food Science & Technology

1. Gupta, Antima. **Characterisation functionality and quality assessment of protein isolate/ hydrolysate from pseudocereals.** Department of Food Technology, Punjab Agricultural University, Ludhiana.

2. Vidyasagar, Gumte Shital. **Studies on isolation, characterization of some important nutraceutical components from mango (*Mangifera indica*) seed kernel and its exploration in food products.** (Dr. A T Taur), Department of Food Engineering, Vasantrya Naik Marathwada Agricultural University, Parbhani.

Forestry

1. Tesfay, Goitom Takele. **Study on physico-chemical properties of salix hybrids wood.** (Dr. Kulwant Rai Sharma), Department of Forest Products, Dr Y S Parmar University of Horticulture and Forestry, Nauni, District Solan.

Horticulture

1. Zothankima, R. **Resource assessment and seed biology of clerodendrum colebrookianum Walp in Mizoram, India.** (Dr. T K Hazarika), Department of Horticulture, Mizoram University, Aizawl.

Microbiology

1. Kailash Chand. **Development of consortium biofertilizer in summer mungbean [*Vigna radiata* L (*Wilczek*)]**

under salt stressed conditions. Department of Microbiology, Punjab Agricultural University, Ludhiana.

Plant Physiology

1. Tukaram, Gitte Arju. **Studies on heat stress tolerance in wheat (*Triticum aestivum* L) by exogenous application of different chemicals.** (Dr. V D Salunke), Department of Plant Physiology, Vasantrya Naik Marathwada Agricultural University, Parbhani.

Plant Pathology

1. Dhkal, Manmohan. **Identification, characterization and management of major virus (ES) associated with cucurbits in Punjab.** Department of Plant Pathology, Punjab Agricultural University, Ludhiana.

2. Mailem, Y S. **Epidemiological studies on alternaria blight of marigold.** Department of Plant Pathology, Punjab Agricultural University, Ludhiana.

Soil Science

1. Dhaliwal, Jaspreet Singh. **Evaluation of rabi oilseeds and pluses genotypes for response to boron.** Department of Soil Science, Punjab Agricultural University, Ludhiana.

BIOLOGICAL SCIENCES

Biochemistry

1. Malik, Mushtaq Ahmad. **To study the antibacterial and antifungal activities of ethnobotanically important plants rheim emodi and podophyllum hexandrum.** (Dr. Sheikh Bilal Ahmad and Dr. Purnima Shrivastava), Department of Biochemistry, Bhagwant University, Ajmer.

2. Singh, Parul. **Studies on role of microRNAs in ethanol induced apoptosis of brain cells.** Department of Biochemistry, Babu Banarasi Das University, Lucknow.

Biotechnology

1. Gogoi, Ankur. **Extraction and estimation of Hydroxycitric Acid (HCA) from *Garcinia* species of Upper Brahmaputra Valley of Assam and its role in anti-obesity activity.** (Prof. Bijoy Neog), Centre for Biotechnology and Bioinformatics, Dibrugarh University, Dibrugarh.

2. Gohain, Anwesha. **Genetic delineation of endophytic actinomycetes isolated from selected medicinal plants and their antimicrobial properties.** (Dr. Ratul Saikia and Dr. Rajeev Sarmah), Centre for Biotechnology and Bioinformatics, Dibrugarh University, Dibrugarh.

3. Sarkar, Poulami. **Exploitation of *Rorippa indica* Defensin (RiD) with an aim to develop aphid tolerance in *Brassica juncea*.** (Prof Samir Ranjan Sikdar), Bose Institute, University of Calcutta, Kolkata.

Microbiology

1. Ghatani, Kirti. **A study on cholesteterol lowering**