

# THESES OF THE MONTH

## SCIENCE & TECHNOLOGY

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



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#### AGRICULTURAL & VETERINARY SCIENCES

##### Agricultural Economics

1. Sunny Kumar. **Impact of climate change on production efficiency of rice and wheat crops in Punjab Agriculture.** Department of Agricultural Economic, Punjab Agricultural University, Ludhiana.

##### Entomology

1. Jagdeep Kaur. **Effect of Bt cotton on important insect and their natural enemies.** Department of Entomology, Punjab Agricultural University, Ludhiana.

##### Genetic Science & Technology

1. Bhogave, Anil Fanchu. **Genetic variability and divergence studies in Tamarind (*Tamarindus indica* L).** (Dr. Dalal), Faculty of Agriculture, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

2. Gurpreet Kaur. **Formulation and nutritional evaluation of cereal-pulse based extruded snacks supplemented with dehydrates herbs.** Department of Food Nutrition, Punjab Agricultural University, Ludhiana.

##### Horticulture

1. Gupta, Jagreeti. **Studies on morphological and physiological parameters of subtropical ornamental trees under salt stress.** Department of Horticulture, Punjab Agricultural University, Ludhiana.

2. Meena, Om Prakash. **Evaluation of cytoplasmic male sterile lines of chilli pepper (*Capsicum annuum* L) and their utilization in heterosis breeding.** Department of Horticulture, Punjab Agricultural University, Ludhiana.

3. Prabhjit Kaur. **Effect of growth regulators on in vivo rooting in roses (*Rosa hybrida* L).** Department of Horticulture, Punjab Agricultural University, Ludhiana.

4. Thakur, Prerna. **In vitro production of Double haploids (DH) in onion (*Allium Cepa* L).** Department of Horticulture, Punjab Agricultural University, Ludhiana.

##### Microbiology

1. Bajwa, Jasveen Singh. **Evaluation of probiotic potential of different microbial strains isolated from food matrices and their use in formulating functional health foods.** (Dr. Nivedita Sharma), Department of Microbiology, Dr Y S Parmar University of Horticulture and Forestry, Nauni, District Solan.

2. Mansotra, Pallavi. **Assessment of pesticide tolerance of mesorhizobium spp for growth, symbiosis and yield in chickpea (*Cicer arietinum* L).** Department of Microbiology, Punjab Agricultural University, Ludhiana.

3. Sharma, Palika. **Enhancing micronutrient uptake and yield of wheat (*Triticum aestivum* L) through plant growth promoting rhizobacteria.** Department of Microbiology, Punjab Agricultural University, Ludhiana.

4. Sharma, Poonam. **Standardization of different fermentation parameters for production of biofuel from microalgae of Himachal Pradesh.** (Dr. Nivedita Sharma), Department of Microbiology, Dr Y S Parmar University of Horticulture and Forestry, Nauni, District Solan.

##### Soil Science

1. Rajbir Kaur. **Influence of deep tillage and straw mulch on irrigation and nitrogen effects on water use and productivity of spring maize.** Department of Soil Science, Punjab Agricultural University, Ludhiana.

2. Seth, Anindita. **Studies on the suitability of multi-nutrient extractants for estimating available nutrients in soils for nutrition of crops.** (Prof. Ashim Chowdhury), Department of Agricultural Chemistry and Soil Science, University of Calcutta, Kolkata.

##### Veterinary Science

1. Atul Kumar. **Determination of pesticide and antibiotic residues in honey and their potential risks to consumers.** Department of Veterinary Public Health & Epidemiology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

2. Khosa, Jasmeet Singh. **Studies on surgical management of equine colic vis-a-vis oxidative stress and inflammatory mediators.** Department of Veterinary Surgery and Radiology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

3. Malik, Mohd Hussain. **Economic losses due to selected diseases of dairy animals in Punjab.** Department of Veterinary and Animal Husbandry Extension Education, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

4. Proch, Ankush. **Poultry house environment mitigation using low protein diet supplemented with protease and sodium bisulphate in litter for broiler production.** Department of Livestock Production Management, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

5. Sandhu, Kulvinder Singh. **Mitigating the poultry house environmental factors through dietary and litter management strategies.** Department of Livestock Production and Management, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

#### BIOLOGICAL SCIENCES

##### Biotechnology

1. Bhagwat, Shivani. **Unraveling the potential of parthenium hysterophorus as a source of biofuel.** (Dr. Anil Kumar), Department of Biotechnology, Devi Ahilya Vishwavidyalaya, Indore.

##### Botany

1. Preeti Parashar. **Ethnoveterinary studies of plants used in tribal villages of Nimar (M P).** (Dr. C M Solanki), Department of Botany, Devi Ahilya Vishwavidyalaya, Indore.