

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, 2019)



AGRICULTURAL & VETERINARY SCIENCES

Agricultural Economics

1. Sharma, Divya. **Economics of farming systems in Chamba District of Himachal Pradesh.** (Dr. Virender Kumar), Department of Agricultural Economics, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

Agricultural Extension

1. Verma, Jitendra. **Study on transfer of soybean production technology through Krishi Vigyan Kendra among scheduled tribes, schedule castes and other backward classes in Sehore District of Madhya Pradesh.** (Dr. Arun Kumar), Department of Agricultural Extension and Education, Dr B R Ambedkar University of Social Sciences, Indore.

Biotechnology

1. Amanpreet Kaur. **Biotechnological approaches for development of blight resistance in selected Indian potato cultivar(s).** (Dr. Anil Kumar and Dr. M S Reddy), Department of Biotechnology, Thapar Institute of Engineering and Technology, Patiala.

2. Etther, Yashoda Bhausahab. **Molecular and mutation breeding for selection of abiotic stress tolerance mutant in pigeonpea.** (Dr. S J Gahukar), Department of Agricultural Biotechnology, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

3. Gawande, Madhuri Bhanudas. **Molecular characterization of F₂ population for fibre properties in cotton.** (Dr. S J Gahukar), Department of Agricultural Biotechnology, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

4. Ingle, Krishnananda Pralhad. **Molecular studies on fertility restoration mechanism in rabi sorghum (*Sorghum bicolor* (L) Moench).** (Dr. S J Gahukar), Department of Agricultural Biotechnology, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

5. Jain, Chinkita. **Assessment of drought tolerance in cowpea (*Vigna Unguiculata* L) using biochemical and molecular attributes.** (Dr. Kuldeep Dwivedi and Dr. Raghvendra Saxena), Department of Biotechnology, ITM University, Gwalior.

6. Tajeshwar Preet Kaur. **Effects of xanthosine on goat mammary glands in relation to histology, alveolar cell differentiation, mammary stem cells and gene expression.** Department of Biotechnology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

Entomology

1. Brar, Pushpinder Kaur. **Impact of neonicotinoids on honey bees (*Apis mellifera Linnaeus*) in cotton.** Department of Entomology, Punjab Agricultural University, Ludhiana.

2. Dhaliwal, Navneet Kaur. **Ecology and management of shoot and fruit borer, *Leucinodes orbonalis gueneae* in brinjal.** Department of Entomology, Punjab Agricultural University, Ludhiana.

Forestry

1. Hegde, Nagaraj. **Physical and mechanical properties**

of lesser known timber species of Mizoram. (Prof. B Gopichand), Department of Forestry, Mizoram University, Aizawl.

Horticulture

1. Gaonkar, Yogesh Anil. **Studies on plant density and nutrient requirement in Banana CV grand Naine.** (Dr. T B Tambe), Department of Horticulture, Vasanttrao Naik Marathwada Agricultural University, Parbhani.

Soil Science

1. Mundhe, Swati Sopanrao. **Studies on effect of long term integrated nutrient management on carbon pools and soil quality in soybean-safflower sequence.** (Dr. A S Dhawan), Department of Soil Science & Agricultural Chemistry, Vasanttrao Naik Marathwada Agricultural University, Parbhani.

2. Zalte, Sainath Gorakhnath. **Evaluation of land use system in relation to soil and socio-economic condition of tribes in Chikhaldara Tahasil of Maharashtra.** (Dr. S M Bhojar), Department of Soil Science & Agricultural Chemistry, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

BIOLOGICAL SCIENCES

Biochemistry

1. Gajula, Hari. **Over production of furanocoumarins in cell and tissue cultures of *Psoralea corylifolia* linn.** (Dr. Vadlapudi Kumar), Department of Biochemistry, Davangere University, Davangere.

Botany

1. Diengdoh, Reema Vareen. **Asymbiotic seed germination and cryopreservation of *paphiopedilum insigne* wall ex lindl and *p villosum* lindl.** (Dr. Meera C Das and Prof. Suman Khatri Kumaria), Department of Botany, North Eastern Hill University, Shillong.

2. Jana, M Devika. **Studies on reproductive biology of bamboo orchid, *Arundina graminifolia* (D.Don) Hochr.** (Prof. N Venugopal), Department of Botany, North Eastern Hill University, Shillong.

3. Qureshi, Shirin Akbarbhai. **Impact of seasons on quantitative and qualitative aspects of various medicinally important plants.** (Dr. Hitesh Solanki), Department of Botany, Gujarat University, Ahmedabad.

Marine Science

1. Patidar, Rajesh. **Studies on recognition of selective metal ions using fluorescent molecular and nanoprobe.** (Dr. Parimal Paul), Faculty of Applied Sciences, Charotar University of Science and Technology, Anand.

2. Prem Kumar. **Identification and standardization of probiotic culture and its impact on growth performance of Indian major Carp, *Labeo rohita* (Ham) with or without prebiotic supplementation.** Department of Aquaculture, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.