

THESES OF THE MONTH

SCIENCE & TECHNOLOGY

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



✓ AGRICULTURAL & VETERINARY SCIENCES

Agricultural Economics

1. Mohammad Daud. **Growth dimensions of cotton production in Gujarat and its export dynamics in India.** (Dr. R L Shiyani), Department of Agricultural Economics, Junagadh Agricultural University, Junagadh.

Agroforestry

1. Bhutia, Pempa Lamu. **Variations in physiognomy and plant associations of different land uses along altitudinal gradient in Solan District (H P).** (Dr. B Gupta), Department of Silviculture and Agroforestry, Dr Y S Parmar University of Horticulture and Forestry, Nauni, District Solan.

Agronomy

1. Barad, Bhavnaben Bhikhabhai. **Real time nitrogen fertilization using leaf colour chart and chlorophyll meter in wheat (*Triticum aestivum* L).** (Dr. R K Mathukiya), Department of Agronomy, Junagadh Agricultural University, Junagadh.

Biochemistry

1. Delvadiya, Niravkumar Ashokbhai. **Construction of linkage mapping and identification of Quantitative Trait Loci (QTL) for earliness, grain size and leaf rust resistance in bread wheat (*Triticum aestivum* L).** (Dr. D R Mehta), Department of Plant Molecular Biology and Biotechnology, Junagadh Agricultural University, Junagadh.

Food Science & Technology

1. Gurpreet Kaur. **Biochemical evaluation and utilization of sesame seeds in preparation of functional foods.** (Dr. Anupama Sandal), Department of Food Science, Nutrition and Technology, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

2. Navjot Kaur. **Development of extruded products from quality protein maize.** Department of Food Technology, Punjab Agricultural University, Ludhiana.

Forestry

1. Lilabati, Laishram. **Regeneration ecology of *Emblica officinalis* Gaertn in semi evergreen forest of Manipur, India.** (Prof. U K Sahoo), Department of Forestry, Mizoram University, Aizawl.

Seed Science

1. Ukani, Jatinkumar Dhirajlal. **Characterization of sesame (*Sesamum indicum* L) genotypes through plant morphology, chemical tests and molecular markers.** (Dr. J B Patel), Department of Seed Science and Technology, Junagadh Agricultural University, Junagadh.

Soil Science

1. Bodar, Kishan Hareshbhai. **Fractions of micronutrients in the soils of Saurashtra Region of Gujarat.** (Dr. K B Polara),

Department of Soil Science, Junagadh Agricultural University, Junagadh.

Veterinary Science

1. Kankoriya, Sarita. **Transcriptional profiling and identification of genes associated with pulmonary immunomodulation in response to deltamethrin and endotoxin interaction.** Department of Animal Biotechnology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

2. Katoch, Ajay. **Diagnosis and therapeutic management of renal failure in dogs.** (Dr. Des Raj Wadhwa), Department of Veterinary Medicine, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

3. Raval, Jeetendrakumar Kanjibhai. **Toxicopathology of glimepiride in diabetic rat model and its amelioration with *Eugenia jambolana* seed extract.** (Dr. M C Prasad), Department of Veterinary Pathology, Navsari Agricultural University, Navsari.

BIOLOGICAL SCIENCES

Botany

1. Ray, Manjit Kumar. **Fungal diseases of Som (*Persea bombycina* KOST) and their management in Goalpara District, Assam.** (Dr. P K Baruah and Dr. Piyush Kr Mishra), Department of Botany, University of Sciences and Technology, Baridua.

2. Shah, Kuntalkumari Jitendrakumar. **Evaluation of *Tagetes Erecta* L as a phytoremediant for the soils contaminated with cadmium (Cd), Lead (Pb) and Nickel (Ni).** (Dr. Archana Mankad), Department of Botany, Gujarat University, Ahmedabad.

Genetics

1. Preeti Devi. **Evaluation of ER- α gene (ESRI) polymorphism in breast cancer patients.** (Dr. Ritu Yadav and Dr. Vivek), Department of Genetics, Maharshi Dayanand University, Rohtak.

Life Science

1. Patel, Hiral Sunny. **Efficacy of cytogenetics and molecular markers in clinical management of chronic myeloid leukemia patients.** (Dr. Prabhudas S Patel), Department of Life Sciences, Gujarat University, Ahmedabad.

Marine Science

1. Antony, Ally C. **Prevalence, risk assessment and survival kinetics of indicator and pathogenic bacteria in water, sediment and bivalve shellfish from Cochin estuary.** (Dr. A A Mohamed Hatha), Department of Marine Biology, Microbiology and Biochemistry, Cochin University of Science & Technology, Kochi.

2. Cleetus, Retina I. **Community structure of zooplankton and its trophic analysis in Vembanad estuary, India.** (Prof. S Bijoy Nandan), Department of Marine Biology, Microbiology and Biochemistry, Cochin University of Science & Technology, Kochi.

3. George, Githa Ann. **Establishment and characterisation**