

THESES OF THE MONTH

SCIENCE & TECHNOLOGY



A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of August-September 2019)

✓ AGRICULTURAL & VETERINARY SCIENCES

✓ Agronomy

1. Harsha, K N. **Standardization of agro techniques for cultivation of turmeric (*Curcuma longa* L) in mid hills of North West Himalayas.** (Dr. V K Sharma), Department of Agronomy, Forages and Grassland Management, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

✓ Biotechnology

1. Lambe, Upendra Pradeep. **Development of nucleic acid nanoparticle based biosensor for detection of prototype arbo and picobirna viruses.** (Dr. Minakshi), Department of Animal Biotechnology, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar.

✓ Food Science & Technology

1. Bidwe, Ashwini Ramprasad. **Study on infant and young child feeding practices, formulation of weaning foods and their popularization.** (Dr. V M Nalwade), Department of Food Science & Nutrition, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

✓ Forestry

1. Thangjam, Uttam. **Provenance trial of *parkia timoriana* (Dc) merr in North East India.** (Prof. U K Sahoo), Department of Forestry, Mizoram University, Aizawl.

Genetics & Plant Breeding

1. Parmar, Kirankumar Hirabhai. **Seasonal influence on sexual behaviour and protein profiling of major HSPs (HSP 70,90) in relation to semen quality and fertility of Jaffarabadi Bulls.** (Dr. F S Kavani), Department of Genetics and Plant Breeding, Junagadh Agricultural University, Junagadh.

2. Pithabhai, Chetaria Chana. **Variability and stability analysis in relation to high temperature tolerance in Desi chickpea (*Cicer arietinum* L).** (Dr. M S Pithia), Department of Genetics and Plant Breeding, Junagadh Agricultural University, Junagadh.

✓ Horticulture

1. Akhilesh Singh. **Gene action studies for fruit yield and horticultural traits in okra (*Abelmoschus esculentus* (L) moench).** (Dr. Sonia Sood), Department of Vegetable Science & Floriculture, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

2. Gautam, Bharti. **Optimization of protocol for indoor vertical garden using different nutrient formulations and light intensities.** Department of Horticulture, Punjab Agricultural University, Ludhiana.

3. Kushwaha, Jitendra Kumar. **Ionome and proteome assisted characterisation of aluminium tolerance in cowpea [*Vigna unguiculata* (L) walp].** (Dr. S Manivannan), Department of Horticulture, Sikkim University, Gangtok.

4. Pandey, Yamuna. **Nutraceuticals potential of underutilized fruits of Sikkim.** (Dr. Sujata Upadhyay), Department of Horticulture, Sikkim University, Gangtok.

✓ Microbiology

1. Patel, Priyanka Jitendrabhai. **Biofortification of legumes with reference to iron and selenium through use of microbial inoculants.** (Dr Meenu Saraf), Department of Microbiology, Gujarat University, Ahmedabad.

✓ Soil Science

1. Gourav. **Sulphur dynamics and its critical limits for French bean and cauliflower in acidic soils of Himachal Pradesh.** (Dr. K N Sankhyan), Department of Soil Science, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

2. Kelaiya, Janish Himanshubhai. **Morphometric and hydrologic analysis of Bhadar Basin of Gujarat using remote sensing and GIS techniques.** (Dr. H D Rank), Department of Soil and Water Engineering, Junagadh Agricultural University, Junagadh.

BIOLOGICAL SCIENCES

✓ Bio Science

1. Naik, Chandani Bhaskarabhai. **Isolation, identification and characterization of biotechnologically potential microorganisms from marine environment.** (Dr. P V Desai), Department of Biosciences, Veer Narmad South Gujarat University, Surat.

2. Raval, Rucha Uttamkumar. **Increasing bioavailability of nutrients for plants from fly ash through vermicomposting.** (Dr. Kailash P Patel), Department of Bioscience, Veer Narmad South Gujarat University, Surat.

✓ Biotechnology

1. Kanchan Kumari. **EZH2-mediated molecular signaling in ER+ve/ve breast cancer cell lines.** (Dr. Sandeep K Mishra), Department of Biotechnology, Utkal University of Culture, Bhubaneswar.

✓ Botany

1. Kar, Pallab. **Studies of molecular diversity and chemical properties of selected medicinal members under the genus *clerodendrum* L.** (Prof. A Sen), Department of Botany, University of North Bengal, Darjeeling.

2. Mukherjee, Nabankur. **Documentation, assessment and management strategies of tea clones in abiotic stress with emphasis on drought tolerance under dooars agroclimatic zone.** (Dr. Sudipta Kumar Sil and Dr. Azariah Babu), Department of Botany, University of Gour Banga, Malda.

3. Pathania, Jyoti. **Studies on macrofungal diversity of Hamirpur Region, Himachal Pradesh.** (Dr. Hem Chander), Department of Botany, Career Point University, Hamirpur.