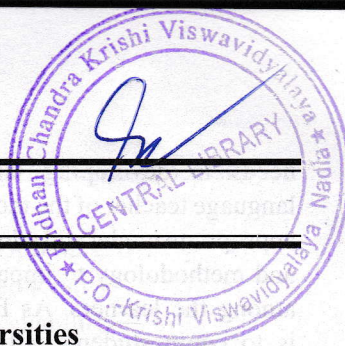


THESES OF THE MONTH

SCIENCE & TECHNOLOGY

A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of January-February, 2021)



AGRICULTURAL & VETERINARY SCIENCES

Entomology

1. Naganna, R. **Molecular characterization trap designing and mass trapping of mango fruit fly under Saurashtra Region.** (Dr. D M Jethva), Department of Entomology, Junagadh Agricultural University, Junagadh.

Horticulture

1. Meena, Dinesh Chandra. **Effect of integrated nutrient management on growth, yield and quality of okra [*Abelmoschus esculentus* (L) Moench].** (Dr. M L Meena), Department of Applied Plant Science, Babasaheb Bhim Rao Ambedkar University, Lucknow.

BIOLOGICAL SCIENCES

Biotechnology

1. Malhotra, Girisha. **Production and purification of thermostable Xylanase.** (Dr. Shilpa S Chapadgaonkar), Faculty of Engineering and Technology, Manav Rachna International Institute of Research and Studies, Faridabad.

2. Sanjay Singh. **Histone acetylation related enhanced expression of CREB targeted genes may underlie erasure of fear memory leading to extinction.** (Prof. D R Modi and Prof. Anand Prakash), Department of Biotechnology, Babasaheb Bhim Rao Ambedkar University, Lucknow.

Botany

1. Sombir Singh. **Brassinosteroids mediated physiological and biochemical alterations in *Vigna mungo* (L) hepper under salt stress.** (Dr. Somveer Jakhar), Department of Botany, Kurukshetra University, Kurukshetra.

Food Science & Nutrition

1. Sharma, Vinita. **Isolation, modification, characterization and utilization of starch from non conventional sources.** (Dr. Kawaljit Singh Sandhu), Department of Food Science and Technology, Chaudhary Devi Lal University, Sirsa.

Life Science

1. Bhurani, Vishakha Manoj. **Induction of memory T cells by mimicking natural course of infection.** (Dr. Sarat Dalai), Department of Life Science, Nirma University, Ahmedabad.

2. Iyer, Bhagya Nagarajan. **Biochemical basis of repression of Mineral Phosphate Solubilization (MPS) phenotype in rhizobial species.** (Dr. Shalini Rajkumar), Department of Life Science, Nirma University, Ahmedabad.

3. Joshi, Madhaviben Udayankumar. **Effect of recurrent Hypoglycemia on NRG-1/ErbB receptor subtypes during diabetes**

and its implications in motor and cognitive functions. (Dr. Ameer Nair), Department of Life Science, Nirma University, Ahmedabad.

4. Parmar, Krupali Jitendra. **Biochemical and biophysical studies on thermostable and thermoactive enzymes and understanding the molecular determinants of protein thermostability.** (Dr. Mili Das), Department of Life Science, Nirma University, Ahmedabad.

5. Patel, Pooja Ishvarbhai. **Investigation on anti-pathogenic potential of herboheal formulation and *Phyllanthus Emblica* L. seed extract against selected human-pathogenic bacteria.** (Dr. Vijay Kothari), Department of Life Science, Nirma University, Ahmedabad.

6. Patel, Rushika Bharatkumar. **Development of bioprocess for identification of pollutant levels in industrial wastewater.** (Dr. Nasreen Munshi), Department of Life Science, Nirma University, Ahmedabad.

7. Patel, Swetaben Bharatbhai. **Evaluating the immunological environment of liver and its metabolic shift following gut microbiota alteration in diet induced type 2 diabetes.** (Dr. Sriram Seshadri), Department of Life Science, Nirma University, Ahmedabad.

8. Trivedi, Varsha Bhagvatprasad. **Role of HLA antibodies (Class-I & II) and infections among renal transplantation.** (Dr. Sarat Dalai), Department of Life Science, Nirma University, Ahmedabad.

Microbiology

1. Boricha, Aarti Amubhai. **Characterization of lactobacilli for functional probiotic properties.** (Dr. B R M Vyas), Department of Microbiology, Saurashtra University, Rajkot.

2. Thakrar, Foram Jitendra. **Molecular studies on the alkaline proteases of the haloalkaliphilic actinomycetes isolated from saline habitats of the Gujarat Coast.** (Dr. S P Singh), Department of Microbiology, Saurashtra University, Rajkot.

Zoology

1. Dev, Param. **Investigations on mulberry and non mulberry silkworm pupal oil.** (Dr. Venkatesh Kumar R), Department of Applied Animal Sciences, Babasaheb Bhim Rao Ambedkar University, Lucknow.

2. Jyoti. **A Study on the Ecology and behaviour of blackbuck, *Antelope cervicapra* (Linnaeus, 1758).** (Dr. Deepak Rai), Department of Zoology, Kurukshetra University, Kurukshetra.

3. Vijender Singh. **Cinnamomum: Antioxidant profile and its impact on oxidative stress induced apoptosis signaling pathway.** (Dr. Sanjeev Kumar), Department of Zoology, Kurukshetra University, Kurukshetra.