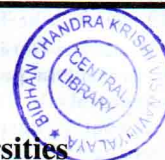


THESES OF THE MONTH

SCIENCE & TECHNOLOGY

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



AGRICULTURAL & VETERINARY SCIENCES

Agricultural Development

1. Suvagiya, Dayaben Ramanikbhai. **Efficiency measurement of cotton ginning units in Saurashtra Region.** (Dr. K A Khunt), P.G. Institute of Agri Business Management, Junagadh Agricultural University, Junagadh.

Agronomy

1. Meenakshi. **Diversification of existing farming systems under marginal household conditions in Kangra District of Himachal Pradesh.** (Dr. Pawan Patha), Department of Agronomy, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

2. Seth, Meenakshi. **Site specific nutrient management in wheat in rice-wheat cropping system.** (Dr D R Thakur), Department of Agronomy, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

Genetics & Plant Breeding

1. Katariya, Hitesh Madhubhai. **Genetic architecture in pearl millet [*Pennisetum glaucum* (L) R Br].** (Dr. M D Khanapara), Department of Genetics and Plant Breeding, Junagadh Agricultural University, Junagadh.

Veterinary Science

1. Gangil, Rakhi. **Studies on viral infections of respiratory tract in bovine with special reference to Bovine Respiratory Syncytial Virus (BRSV).** Department of Veterinary Microbiology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

BIOLOGICAL SCIENCES

Biotechnology

1. Rajavel, T. **Anticancer mechanism of β sitosterol and daucosterol (Phytosterols from *grewia tiliaefolia*) on human lung cancer cells: An in vitro study.** (Dr. K. Pandima Devi), Department of Biotechnology, Alagappa University, Karaikudi.

2. Vigneshwari, L. **Investigating the role of O-glycosylation during staphylococcus aureus infection and identification of antiobesity agents from natural sources using *caenorhabditis elegans* as a mode system.** (Dr. K Balamurugan), Department of Biotechnology, Alagappa University, Karaikudi.

Botany

1. Biswas, Kishor. **Impact of plantation forest on the plant diversity of Terai and Duars Region of West Bengal, India.** (Prof. A P Das), Department of Botany, University of North Bengal, Darjeeling.

2. Sreejesh, K R. **Studies of traditional medicinal plants in the High Ranges, Kerala.** (Dr. Jomy Augustine), Department of Botany, Mahatma Gandhi University, Kottayam.

Life Science

1. Shah, Pooja R. **Production of Chitosan from fungal extracted chitin and its applications.** (Dr. H A Modi), Department of Life Science, Gujarat University, Ahmedabad.

Zoology

1. Dhillon, Oshin. **Evaluation of dietary protein requirements and role of intestinal probiotic bacteria for growth promotion in *Labeo calbasu* (Hamilton, 1822).** (Dr. Anita Bhatnagar), Department of Zoology, Kurukshetra University, Kurukshetra.

2. Geetha, P N. **Distribution and community structure of benthic fauna in Cochin Estuary, India.** (Dr. S Bijoy Nandan), Department of Zoology, Mahatma Gandhi University, Kottayam.

3. Ghosh, Samiran. **Identification of low temperature resistant embryonic stages for improving seed production in Muga silkworm, *Antheraea assama* Westwood for cold preservation of eggs.** (Dr. Nilay Ray), Department of Zoology, University of North Bengal, Darjeeling.

4. Jani, Dhara Vijaykumar. **Molecular stabilization of the erythrocyte membrane as a potential anti-malarial target: An in vitro study.** (Dr. H N Highland), Department of Zoology, Gujarat University, Ahmedabad.

5. Parmar, Robin Michael. **Computational molecular interaction studies for mosquito population control.** (Dr. Linz Buoy George), Department of Zoology, Gujarat University, Ahmedabad.

6. Rao, Gollu Srinivasa. **Toxicity and other effects of deltamethrin, A synthetic pyrethroid to the freshwater fish *ctenopharyngodon idella* (Valenciennes).** (Dr. N Gopala Rao), Department of Zoology, Acharya Nagarjuna University, Nagarjuna Nagar.

7. Rathees, R J. **Studies on the utilization of marine fishery resources and socio economic status of Fishermen Community in the Coastal Villages of Tuticorin District, Tamilnadu, India.** (Dr. V. Ramadas), Department of Zoology, Alagappa University, Karaikudi.

EARTH SYSTEM SCIENCES

Environmental Science

1. Joseph, Joice K. **Socio-ecological study on the dynamics of crowd behaviour and associated risks in mass gatherings with special reference to Sabarimala pilgrim destination in Kerala India.** (Dr. A P Pradeep Kumar), School of Environmental Science, Mahatma Gandhi University, Kottayam.

2. Mishra, Sandhya. **Development of bacterial consortium for detoxification of chromium from tannery effluent for environmental safety.** (Dr. Ram Naresh Bharagava), Department of Environmental Microbiology, Babasaheb Bhim Rao Ambedkar University, Lucknow.