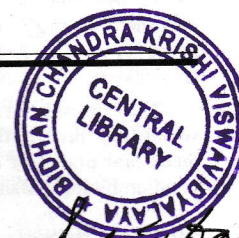


THESES OF THE MONTH

SCIENCE & TECHNOLOGY

A list of doctoral theses accepted by Indian Universities
(Notifications received in AIU during Dec. 2015-Jan 2016)



AGRICULTURAL & VETERINARY SCIENCES

✓ Agricultural Economics

1. Asodiya, Pinakin Sureshkumar. **Economic analysis of production, marketing and value addition of wheat in South Gujarat.** (Dr. K S Patel), Department of Agricultural Economic, Navsari Agricultural University, Navsari.

✓ Food Science

1. Ganeshkumar, R. **Development and analysis of probiotic enriched fruit based yoghurt.** (Dr. M Seethalakshmi), Faculty of Agriculture and Animal Husbandry, Gandhigram Rural Institute, District Dindigul.

✓ Genetics & Plant Breeding

1. Kasture, Ashish Gajanan. **Generation mean analysis in rice (*Oryza sativa* L).** (Dr. Vipul P Patel), Department of Genetics and Plant Breeding, Navsari Agricultural University, Navsari.

✓ Horticulture

1. Senthilkumar, M. **Enhancing growth and yield banana Cv robust (AAA) through fertigation with consortium of biofertilizers.** (Dr. S Ganesh and Dr. K Srinivas), Department of Horticulture, Gandhigram Rural Institute, District Dindigul.

✓ Microbiology

1. Desai, V R Sunil. **Isolation of growth promoting bacterial and their role as biofertilizers.** (Dr. K Manjunath), Department of Microbiology, Bangalore University, Bangalore.

2. Rasi, R P Maruthamalai. **Effects of animal manures on the production of sawdust- based vermicompost for crop studies with *vigna mungo* (L) hepper.** (Dr. P U Mahalingam), Department of Biology, Gandhigram Rural Institute, District Dindigul.

BIOLOGICAL SCIENCES

✓ Biotechnology

1. Antony, Antu K. **Investigation on key molecular targets responsible for antidiabetic properties of symplocos cochinchinensis (Lour) S Moore.** (Dr. K G Raghu), Department of Biotechnology, Cochin University of Science & Technology, Kochi.

2. Helvin, Vincent. **Characterization and applications of two protease enzymes obtained by culture dependent and independent approaches from mangroves sediments.** (Dr. Sarita G Bhat), Department of Biotechnology, Cochin University of Science & Technology, Kochi.

✓ Botany

1. Ancy, D. **Studies on effect of nutrients in the genetics variability of in vitro cultured anthurisums by using molecular markers.** (Dr. A K Bopaiah), Department of Botany, Bangalore University, Bangalore.

2. Padma, A V. **Morphogenetic and phytochemical studies in majorana hortensis moench.** (Dr. D H Tejavathi), Department of Botany, Bangalore University, Bangalore.

3. Philip, Reena Susan. **Production and characterization of carotenoids from *bixa orellana* L., for the food industry.** (Dr. S R Ambika), Department of Botany, Bangalore University, Bangalore.

4. Patel, Jayshreeben Rameshbhai, **A study on interaction of weeds-edible oil crops of selected Talukas of Banaskantha District Gujarat.** (Dr. Y B Dabgar), Department of Botany, Hemchandracharya North Gujarat University, Patan.

5. Suresha, N S. **Enzymatic studies during the haustorium development of selected parasitic flowering plants.** (Dr. Rajanna L), Department of Botany, Bangalore University, Bangalore.

6. Varma, C Bhavya **Mechanism of phytoremediation of pesticides in higher plants.** (Dr. Nayeem Ulla Khan), Department of Botany, Bangalore University, Bangalore.

✓ Genetics

1. Deepa, B M. **Biochemical studies in some spiders of South India.** (Dr. Jayaprakash), Department of Applied Genetics, Bangalore University, Bangalore.

✓ Life Science

1. Hoolageri, Huchesh C. **Characterization of genetic difference among the populations of uzifly, exorista sorbillans and its symbiont wolbachia.** (Dr. H P Puttaraju), Department of Life Science, Bangalore University, Bangalore.

2. Uday, J. **Cloning, over expression and biochemical characterization of *Wolbachia* Surface Protein (WSP) in arthropod hosts.** (Dr. H P Puttaraju), Department of Life Science, Bangalore University, Bangalore.

Marine Science

1. Naithani, Sanjeev. **Inversion technique to estimate geoacoustic parameters of the seafloor sediments based on matched field processing and beamforming.** (Dr. V S N Tatavarti Rao and Dr. P V Hareesh Kumar), Department of Marine Sciences, Cochin University of Science & Technology, Kochi.

2. Rajool, C P Shanis. **Deep sea shrimp fishery off Kerala Coast with emphasis on biology and population characteristics of *plesionika quasigrandis* Chace, 1985.** (Dr. N G K Pillai), Central Marine Fisheries Research Institute, Cochin University of Science & Technology, Kochi.

3. Sheeja, George E. **Micropropagation of selected tropical ornamental aquatic plants.** (Dr. Anekutty Joseph), Department of Marine Biology, Microbiology and Biochemistry, Cochin University of Science & Technology, Kochi.

4. Umesh, P A. **Validation and inter-comparison of wave hindcasts using third generation models in the North Indian Ocean.** (Dr. J Swain and Dr. A N Balachand), Department of Physical Oceanography, Cochin University of Science & Technology, Kochi.