

# THESES OF THE MONTH



## SCIENCE & TECHNOLOGY

### A list of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of Feb-March 2016)

#### AGRICULTURAL & VETERINARY SCIENCES

##### Agronomy

1. Kavad, Shamjibhai Dulabhai. **Strategic analysis of market-led extension activities of APMCs of South Gujarat.** (Dr. R D Pandya), Department of Agronomy, Navsari Agricultural University, Navsari.

##### Biochemistry

1. Sharma, Davinder. **Biochemical and molecular studies on terminal heat tolerance in bread-wheat.** (Dr. V K Gupta and Dr. Rajender Singh), Department of Biochemistry, Kurukshetra University, Kurukshetra.

2. Srivastav, Vishal Subhashchandra. **Genetic transformation of rice (*Oryza sativa* L) var naur-1 with gshF gene for enhanced abiotic stress tolerance.** (Dr. Sanjay Jha), Department of Biochemistry, Navsari Agricultural University, Navsari.

##### Seed Science

1. Patil, Bapurayagouda B. **Seed technological approaches to enhance seed yield and quality in perennial fodder sorghum (*Sorghum bicolor* L).** Department of Seed Science and Technology, University of Agricultural Sciences, Dharwad.

##### Veterinary Science

1. Goswami, Pankaj. **Pathoepidemiology of important common respiratory pathogens of bovine in Punjab.** Department of Veterinary Pathology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

#### BIOLOGICAL SCIENCES

##### Biotechnology

1. Akhilesh Singh. **Population genetic structure of *Wallago attu* (Bloch and schneider, 1801) using microsatellite markers.** (Prof. Rishi Pal Mandhan and Dr. W S Lakra), Department of Biotechnology, Kurukshetra University, Kurukshetra.

2. Kanu Priya. **Effect of genetic polymorphism of xenobiotic metabolizing genes on genotoxicity in occupational workers exposed to organic solvents.** (Dr. Anita Yadav), Department of Biotechnology, Kurukshetra University, Kurukshetra.

3. Neeraj Kumar. **In vitro studies on antigenotoxic potential of nutraceuticals and effect of Glutathione-S-Transferase (GST) genotypes.** (Dr. Anita Yadav), Department of Biotechnology, Kurukshetra University, Kurukshetra.

4. Premjanu, N. **Isolation and characterization of bioactive compounds from entophytic mycoflora of *lannea coromanan-delica*.** (Dr. C Jayanthi), Department of Bioinformatics, Sathyabama University, Chennai.

##### Botany

1. Das, Abhimanyu. **Studies on taxonomy and bio control properties of trichoderma species from different soil type of Odisha.** (Dr. Durga Gupta), Department of Botany, Sambalpur University, Sambalpur.

##### Marine Science

1. Manju, M N. **Biomarkers geochemistry of core sediments in the mangrove ecosystems along Northern Kerala Coast.** (Dr. N Chandramohanakumar), Department of Chemical Oceanography, Cochin University of Science & Technology, Kochi.

2. Shubhasree, Shankar. **Toxicity of organophosphate pesticides in *macrobrachium rosenbergii* (de Man) with reference to biochemical and histopathological changes induced by monocrotophos.** (Dr. B Madhusoodanakurup), School of Industrial Fisheries, Cochin University of Science & Technology, Kochi.

3. Vidya, K. **Molecular and histological studies on selected environmental stress indicators in Indian Spiny lobster *panulirus homarus* (Linnaeus, 1758).** (Dr. Shoji Joseph), Department of Marine Science, Cochin University of Science & Technology, Kochi.

##### Microbiology

1. Bhardwaj, Vibha. **Studies on production and application of microbial pectinase.** (Dr. Neelam), Department of Microbiology, Kurukshetra University, Kurukshetra.

2. Dubey, Alok Kumar. **Production of bioethanol from lignocellulosic biomass through microbial enzymatic hydrolysis and fermentation.** (Dr. Neelam and Dr. P K Gupta), Department of Microbiology, Kurukshetra University, Kurukshetra.

##### Zoology

1. Akhand, Pratibha. **A study on the phospholipids and fatty acids during metamorphosis in *philosamia ricini*.** (Dr. J P N Pathak), Department of Zoology, Vikram University, Ujjain.

2. Bhagat, Manoj Narayan. **Studies on butterflies of North Bihar.** (Dr. Sanjeeva Kumar), Department of Zoology, Bhupendra Narayan Mandal University, Madhepura.

3. Chawla, Deepti. **Comparative study of some hard parts in Indian freshwater fishes of order cypriniformes in relation to their phylogeny.** (Dr. Anil K Tyor), Department of Zoology, Kurukshetra University, Kurukshetra.

4. Hymaranjani, G. **Glyphosate (Glycil, 41% SL) A systemic herbicide impact on biochemical and histopathological changes in the freshwater fish *catla catla* (Hamilton).** (Dr. K Veeraiah), Department of Zoology, Acharya Nagarjuna University, Nagarjuna Nagar.

5. Naik, Anjana. **Studies on seasonal variations in certain limnological aspects of River Mahanadi in the District of**