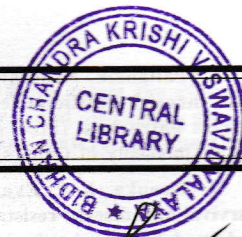


THESES OF THE MONTH



SCIENCE & TECHNOLOGY

A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of July-August, 2016)

AGRICULTURAL & VETERINARY SCIENCES

Biochemistry

1. Gopalakrishnan, Jayasree. **Studies on inositols in hevea latex: Isolations, characterization and their role in drought tolerance.** (Dr. Molly Thomas), Department of Biochemistry, Mahatma Gandhi University, Kerala.

Biotechnology

1. Rana, Kusum. **Genotyping alien introgression lines of *Brassica juncea* (L) coss and mapping of gens (S) for resistance to *sclerotinia sclerotiorum* (Lib) de bary.** Department of Biotechnology, Punjab Agricultural University, Ludhiana.

Horticulture

1. Digrase, Sachin Swaruprao. **Effect of different plant growth regulators and chemicals on growth, yield and quality to pomegranate (*Punica granatum* L) Cv bhagawa.** (Dr. T B Tambe), Department of Horticulture, Vasant Rao Naik Marathwada Agricultural University, Parbhani.

Plant Pathology

1. Surendran, M. **Eco friendly management of rice sheath blight disease caused by *Rhizoctonia solani* Kuhn.** (Dr. G S Kannan), Department of Plant Pathology, Gandhigram Rural Institute, District Dindigul.

BIOLOGICAL SCIENCES

Biochemistry

1. Jyothilakshmi, M. **Antidermatophytic compounds from *zingiber zerumbet* (L) Rosco ex J E; Smith and *Mikania micrantha* Kunth.** (Dr. M S Latha and Dr. Jyothis Mathew), Department of Biochemistry, Mahatma Gandhi University, Kerala.

2. Trivedi, Ujwalkumar. **Functional characterization of xisa protein of *anabaena* sp pcc 7120.** Department of Biochemistry, M S University of Baroda, Vadodara.

Biotechnology

1. Swati Kumari. **Molecular identification of sibling species of *Anopheles subpictus* grassi complex and their role in transmission of Malaria in different ecozones of Orissa, India.** (Dr. Namita Mahapatra and Dr. Sachidananda Das), Department of Biotechnology, Utkal University of Culture, Bhubaneswar.

Botany

1. Baliarsingh, Ajit Kumar. **Studies on in vitro propagation and antioxidant defense system of *artemisia nilagirica* (Clarke) Pamp.** (Dr. Shyam Sundar Mohanty), Department of Botany, Utkal University of Culture, Bhubaneswar.

2. Pandya, Bhavika Kiritkumar. **Enhancement of bio-pulping by xylanase-laccase concoction derived through co-culture strategy.** Department of Botany, M S University of Baroda, Vadodara.

3. Sahoo, Nirmala. **Mass multiplication of *Jatropha Curcas* L through in vitro culture of mature and seedling explants.** (Dr. Satyabrata Sahoo and Prof. S P Rath), Department of Botany, Utkal University of Culture, Bhubaneswar.

4. Singh, Shweta. **Chemical profiling and molecular characterization of endophytic fungi from certain medicinal plants for the production of high value metabolites.** (Dr. B R Gurumurthy and Dr. M B Shivanna), Department of Applied Botany, Kuvempu University, Shankaraghatta.

5. Tattu, Shreestuti Purnendu. **Study on the coastal vegetation and land-use changes of the Coastal Talukas of Bharuch District.** Department of Botany, M S University of Baroda, Vadodara.

6. Vijayan, Dhanya. **Ecology of soil algae of wetland paddy fields of Kuttanadu.** (Dr. J G Ray), Department of Botany, Mahatma Gandhi University, Kerala.

Life Science

1. Kar, Banya. **Molecular characterization of ectoparasite *Argulus* spp prevalent in Indian freshwater aquaculture systems and studies on host-parasite interaction.** (Dr. P K Sahoo), Department of Life Science, Utkal University of Culture, Bhubaneswar.

2. Mishra, Dipti Ranjan. **Study of cytosolic inorganic pyrophosphatase gene in cancer.** (Dr. Sandip Kumar Mishra), Department of Life Science, Utkal University of Culture, Bhubaneswar.

3. Singh, Abhalaxmi. **An investigation on magnetic nanoparticles for stem cell based cancer theranostics.** (Dr. Sanjeeb Kumar Sahoo and), Department of Life Science, Utkal University of Culture, Bhubaneswar.

Zoology

1. Bhattacharjee, Ananya. **Haematological and cytomorphometrical analysis of poultry birds of Odisha.** (Prof. P K Mohanty), Department of Zoology, Utkal University of Culture, Bhubaneswar.

2. Gadhavi, Mayurdan Kanubhai. **Studies on estuarine brachyuran crabs: Behavioural ecology and ecotoxicology.** Department of Zoology, M S University of Baroda, Vadodara.

3. Geetha, C S. **In vitro toxicological evaluation of hydroxyapatite micro and nano particles: A comparative analysis.** (Dr. V S Josekumar), Department of Zoology, Mahatma Gandhi University, Kerala.

4. Joshi, Devanshi Mukundray. **Impact assessment of coral reef ecosystem with special reference to climate change.** Department of Zoology, M S University of Baroda, Vadodara.

5. Mishra, Akshya Kumar. **Diversity, distribution and community analysis of amphibian fauna of Bolangir, Orissa, India.** (Prof. B C Guru), Department of Zoology, Utkal University of Culture, Bhubaneswar.