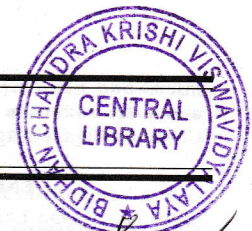


# THESES OF THE MONTH



## SCIENCE & TECHNOLOGY

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

#### AGRICULTURAL & VETERINARY SCIENCES

##### ✓ Biotechnology

1. Gurnani, Chandra. **Standardization of micropropagation technology for establishment of rapid multiplication of citrus paradisi macf: evs; red blush and marsj seedless using various plant growth regulators in Horticulture.** (Dr. Kamlesh Choure), Department of Biotechnology, IASE Deemed University, Sardarshahr, Rajasthan.
2. Vikram Kumar. **Screening of antagonistic effect of some weed plants of Northern Rajasthan for antibacterial and antifungal properties against clinical and environmental pathogens.** (Dr. O P Jangir), Department of Biotechnology, IASE Deemed University, Sardarshahr, Rajasthan.

##### ✓ Microbiology

1. Kale, Ravi Vasant. **Studies on degradation of textile azo dyes by aerobic microorganisms.** (Dr. Thorat P R), Department of Microbiology, Solapur University, Solapur.
2. Kamble, Arti Prabhakar. **Studies on actinomycetes from soil under cultivation of curcuma longa L.** (Dr. Kulkarni S W), Department of Microbiology, Solapur University, Solapur.

#### BIOLOGICAL SCIENCES

##### ✓ Biotechnology

1. Bandyopadhyay, Saumya. **To study the arsenate resistant genotype of pannonibacter indicus strain HT23<sup>T</sup> (DSM 23407<sup>T</sup>) isolated from hot spring.** (Dr. Subata Kumar Das), Department of Biotechnology, Utkal University of Culture, Bhubaneswar.
2. Chatterjee, Moniya. **A proteomic approach to understand the molecular mechanism of defense response in chickpea (*Cicer arietinum* L) during fusarium oxysporium f sp ciceris race-1 (Foc1) infection.** (Prof. Sampa Das), Bose Institute, University of Calcutta, Kolkata.
3. Sherathiya, Hirenkumar Mansukhbhai. **Isolation and evaluation of anti-pathogenic bacteria from cotton rhizosphere.** (Dr. Vasantba Jadeja), Department of Biotechnology, Saurashtra University, Rajkot.
4. Swati Deep. **Biochemical and molecular characterization of alternaria brassicicola (Schwein) wiltshire causing black leaf spot in cauliflower (beassica oleracea var botrytis linn) in India.** (Dr. N Behera and Dr. P Sharma), Department of Life Sciences, Sambalpur University, Sambalpur.

##### ✓ Botany

1. Das, Sukriti. **Glycosidase inhibitory properties of some plant foods.** (Prof. Bratati De), Department of Botany, University of Calcutta, Kolkata.
2. Gore, Ramchandra Dnyanoba. **Flora of Balaghat ranges of Maharashtra (India).** (Dr. Gaikwad S P), Department of Botany, Solapur University, Solapur.
3. Molla, Kutubuddin Ali. **Development of transgenic rice plants for sheath blight resistance.** (Dr. Karabi Datta and Dr. S K Datta), Department of Botany, University of Calcutta, Kolkata.

4. Pathaw, Neeta. **Identification and characterization of novel antifungal peptides from selected plant species of North-East India.** (Prof. N K Chrungoo), Department of Botany, North Eastern Hill University, Shillong.

##### ✓ Life Science

1. Srivastava, Prakriti. **Efficacy of act (Artemisinin based combination therapy) with special reference to artesunate + sulfadoxine-pyrimethamine (AS + SP) and its possible correlation with molecular markers in falciparum malaria.** (Dr. N Valecha and Dr. J Ratha), School of Life Sciences, Sambalpur University, Sambalpur.

##### Marine Science

1. Augustine, P A Seena. **Biology of horadandia atukorali deraniyagala, 1943 (Cyprinidae: Teleostei), an ornamental fish of the Western Ghats of India.** (Dr. T V Anna Mercy), School of Fisheries Resource Management and Harvest Technology, Kerala University of Fisheries and Ocean Studies, Kerala.

##### ✓ Microbiology

1. Deshmukh, Pravin Vasantrao. **In vitro screening of bacteriocin producers for their antimicrobial activity.** (Dr. Thorat P R), Department of Microbiology, Solapur University, Solapur.
2. Jikare, Afreen Manjur. **Studies on siderophore producing bacteria for their bloconrol potential against plant pathogens.** (Dr. Chavan M D), Department of Microbiology, Solapur University, Solapur.
3. Koli, Ashwini Bharat. **Screening of marine actinomycetes for production of antimicrobial substances.** (Dr. Kulkarni S W), Department of Microbiology, Solapur University, Solapur.

##### Zoology

1. Bembem, Thounaojam. **Expression of certain genes involved in insulin signaling in silkworm, bombyx mori and its hormonal regulation under fed and food deprived conditions.** (Dr. Bela Keshan), Department of Zoology, North Eastern Hill University, Shillong.
2. Bhunia, Niladri Sekhar. **Studies on toxicological response of bellamyia bengalensis to detergent.** (Prof. Sajal Ray), Department of Zoology, University of Calcutta, Kolkata.
3. Guite, Lily Lianmuankim. **Studies on toxicity of copper and cadmium in the catfish, heteropneustes fossilis (Bloch) in relation to pH variation.** (Prof. S N Ramanujam), Department of Zoology, North Eastern Hill University, Shillong.
4. Hatimuria, Mrinal Kumar. **Limnological studies on Floodplain Lakes of Majuli River Island, Assam.** (Prof. B K Sharma), Department of Zoology, North Eastern Hill University, Shillong.

#### EARTH SYSTEM SCIENCES

##### Environmental Science

1. Banerjee, Prantik. **Removal of organic and heavy metal pollutants present in wastewater by photocatalysis using**