

THESES OF THE MONTH

SCIENCE & TECHNOLOGY



Subir
Saha

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

AGRICULTURAL & VETERINARY SCIENCES

Biotechnology

1. Samanta, Soma. **Characterization of *Pyricularia Oryzae* isolates associated with blast lesions of various colors.** (Dr. Urmila Dhua), Department of Biotechnology, Utkal University of Culture, Bhubaneswar.

Dairy Science & Technology

1. Hari Ram. **Development of whey protein enriched functional dairy drink.** (Dr. M K Salooja and Dr. S K Kanawjia), School of Agriculture, Indira Gandhi National Open University, New Delhi.

BIOLOGICAL SCIENCES

Biochemistry

1. Surender Kumar. **Genetic polymorphism of CD24 and IL-18 genes and hepatitis B virus infection risk in North Indian population.** (Dr. Jasbir Singh), Department of Biochemistry, Kurukshetra University, Kurukshetra.

Biotechnology

1. Mantri, Santawana. **In-vitro proliferation and characterization of umbilical cord blood stem cells.** (Prof. Prakash Chandra Mohapatra), Department of Biotechnology, Utkal University of Culture, Bhubaneswar.

Botany

1. Mallik, Bikram Kumar. **Phytodiversity and their sustainable utilization by tribal communities inhabiting at Niyamgiri Hills of Orissa.** (Dr. Rabindra Nath Padhy), Department of Botany, Utkal University of Culture, Bhubaneswar.

2. Nayak, Rajalaxmi. **Antioxidant activities of leaf extracts of *paederia foetida* and *abutilon indicum*.** (Dr. Santilal Sahoo), Department of Botany, Utkal University of Culture, Bhubaneswar.

Life Science

1. Mukherjee, Ratnadeep. **A study on the pathogenesis of endotoxemia and sepsis.** (Dr. B Ravindran), Department of Life Science, Utkal University of Culture, Bhubaneswar.

2. Pratheek, B M. **Analysis of cellular and immunological responses during immune activation and chikungunya virus infection in Mammalian host cells.** (Prof. P K Mohanty), Department of Life Science, Utkal University of Culture, Bhubaneswar.

Marine Science

1. Sanil Kumar, K S. **Characterization, sources and potential risk assessment of aliphatic hydrocarbons and polycyclic aromatic hydrocarbons in surface sediments of Chitrapuzha River on the South West Coast of India.** (Dr. S Muraleedharan), Department of Chemical Oceanography, Cochin University of Science & Technology, Kochi.

Molecular Biology

1. Aidew, Lipika. **A study on the potentials of some ethno medicinal plants of North East India for their activity against *Mycobacterium* species.** (Prof. A K Buragohain), Department of Molecular Biology, Tezpur University, Napaam, Tezpur.

2. Mahanta, Anusree. **Inflammation and falciparum malaria: An investigation into cytokine and chemokine polymorphism, expression and regulation.** (Prof. Shashi Baruah), Department of Molecular Biology, Tezpur University, Napaam, Tezpur.

EARTH SYSTEM SCIENCES

Environmental Science

1. Goswami, Linee. **Vermistabilization of coal ash produced in tea factories of Assam by using *Eisenia fetida* (Savigny) and *Lampito mauriti* (Kinberg).** (Dr. S S Bhattacharyya), Department of Environmental Science, Tezpur University, Napaam, Tezpur.

2. Hazarika, Nabajit. **Integrated study of riverine hazards in upper Brahmaputra River plain: Perspective on fluvial dynamics, human interface and risk.** (Dr. Apurba Kumar Das and Dr. Apurba Kumar Das), Department of Environmental Science, Tezpur University, Napaam, Tezpur.

3. Mohanty, Girija Shankar. **Assessment to change of environmental status in respect of ambient air quality, water and soil conditions and crop productivity at industrial project sites of Dhenkanal District.** (Dr. R C Mohanty), Department of Environmental Science, Utkal University of Culture, Bhubaneswar.

4. Saikia, Parijat. **Study of carbon sequestration in rice based agroecosystem of Assam.** (Prof. K K Baruah), Department of Environmental Science, Tezpur University, Napaam, Tezpur.

5. Vanlalvuani, Magdal. **Comparative study of litter decomposition and carbon-mineralization in Jhum land and natural forest in Tanhril area of Mizoram.** (Dr. A S Devi), Department of Environmental Science, Mizoram University, Aizawl.

Geophysics

1. Praveen, M N. **Geochemistry and petrogenesis of rhyolites hosting VMS mineralization in the Eastern Betul belt, Central India.** (Dr. C G Nambiar), Department of Marine Geology and Geophysics, Cochin University of Science & Technology, Kochi.

ENGINEERING SCIENCES

Chemistry

1. Sarma, Parishmita. **Greener approach for one pot synthesis of quinoline derivatives and some nitrogen containing reaction intermediates.** (Dr. Ruli Borah),