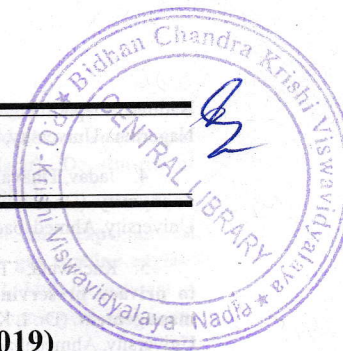


# THESES OF THE MONTH

## SCIENCE & TECHNOLOGY

### A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of Nov-Dec, 2019)



#### AGRICULTURAL & VETERINARY SCIENCES

##### Agricultural Engineering

1. Thakre, Shubhangi Mahadeo. **Development of process technology for Osmo-convective dried orange slices.** (Dr. S U Khodke), Department of Agricultural Process Engineering, Vasantao Naik Marathwada Agricultural University, Parbhani.

##### Extension Education

1. Aglawe, Dipika Dipak. **Impact of integrated pest management technology on cotton growers in Marathwada Region.** (Dr. J V Ekale), Department of Extension Education, Vasantao Naik Marathwada Agricultural University, Parbhani.

2. Patil, Namrata Gajanan. **Impact of Krishi Vigyan Kendra Aurangabad on its beneficiaries.** (Dr. J V Ekale), Department of Extension Education, Vasantao Naik Marathwada Agricultural University, Parbhani.

##### Plant Pathology

1. Kadam, Dhiraj Sanjay. **Ecofriendly management of turmeric fungal rhizome rot by microorganisms.** (Dr. K T Apet), Department of Plant Pathology, Vasantao Naik Marathwada Agricultural University, Parbhani.

2. Jadhav, Rajnikant Ramakant. **Studies on acid lime (*Citrus aurantiifolia*) bacterial canker caused by *Xanthomonas axonopodis* pv *citri* (Hase).** (Dr. K T Apet), Department of Plant Pathology, Vasantao Naik Marathwada Agricultural University, Parbhani.

##### Soil Science

1. Shilewant, Snehal Suresh. **Studies on effect of soil and foliar feeding of nutrients through organic and inorganic sources on yield and quality of sweet orange (*Citrus sinensis* L Osbeck).** (Dr. V D Patil), Department of Soil Science and Agricultural Chemistry, Vasantao Naik Marathwada Agricultural University, Parbhani.

##### Veterinary Science

1. Sharma, Anil. **Gross morphological, histological and histochemical studies on pineal, pituitary, thyroid and adrenal glands of Jaffarabadi buffalo during different seasons of the year** (Dr. Y L Vyas) Department of Veterinary Anatomy and Histology, Junagadh Agricultural University, Junagadh.

#### BIOLOGICAL SCIENCES

##### Biotechnology

1. Nair, Ramya. **Biodegradation of 2, 3-dichlorodibenzo-p-dioxin by co-metabolism of fungi and bacteria.** (Dr. S Barathi), Department of Biotechnology, SRM Institute of Science and Technology, Kattankulathur, Chennai.

2. Parvathi, A N. **Anti-inflammatory effect of *Vitex trifolia* L and its mechanism of action.** (Dr E Berla Thangam), Department of Biotechnology, SRM Institute of Science and Technology, Kattankulathur, Chennai.

##### Bioinformatics

1. Rachh, Maulik Harshadbhai. **A strategic approach for systematic studies of microRNA expression and function in human cancer.** (Dr. P V Desai), Department of Biosciences, Veer Narmad South Gujarat University, Surat.

##### Marine Science

1. Ragi, A S. **Characterization and quantification to biochemical components of selected mollusks species from the Kerala coast.** (Dr. S Muraleedharan Nair), Department of Chemical Oceanography, Cochin University of Science & Technology, Kochi.

#### EARTH SYSTEM SCIENCES

##### Environmental Science

1. Juli Kumari. **Evaluation of sediment yield characteristics and fixed nutrient in middle stretch of Damodar River, Eastern India.** (Dr. Biswajit Paul), Department of Environmental Science & Engineering, Indian Institute of Technology, Dhanbad.

##### Geology

1. Misra, Satabdi. **Petrographical and organo-geochemical studies of coal and shale of Raniganj and Barjora Basins, West Bengal, India.** (Dr. Atul Kumar Varma), Department of Applied Geology, Indian Institute of Technology, Dhanbad.

#### ENGINEERING SCIENCES

##### Chemical Engineering

1. Quereshi, Shireen. **Production of fuels and value added chemicals from renewable biomass sources.** (Dr.Suman Dutta), Department of Chemical Engineering, Indian Institute of Technology, Dhanbad.

##### Civil Engineering

1. Das, Pranab Kumar. **Assessing seismic susceptibility through damage survey and RVS with a special focus on behavior of irregular buildings.** (Prof. S C Dutta), Department of Civil Engineering, Indian Institute of Technology, Dhanbad.

2. Rajasekhar, P. **A study on the engineering aspects of traditional architecture.** (Dr. Babu T Jose), Department of Civil Engineering, Cochin University of Science & Technology, Kochi.

##### Computer Science & Engineering

1. Agarwal, Anshu Sureshkumar. **Efficient web mining using clustering techniques for better page searching by enhancing web log data.** (Dr. Akash Saxena), Department of Computer Science, Rai University, Ahmedabad.

2. Bhardwaj, Shashank. **Integration of fuzzy logic and neural networks to facilitate E-health monitoring in remote rural areas to provide medical advice and assistance.** Department of Computer Science, NIMS University, Jaipur.

3. Gera, Jaideep. **Securing distributed P2P networks with detection and discrimination of DDoS attacks.** (Dr. Bhanu Prakash