

# THESES OF THE MONTH

## SCIENCE & TECHNOLOGY



Subir Das

### A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of Jan-Feb 2018)

#### AGRICULTURAL & VETERINARY SCIENCES

##### Agronomy

1. Ingole, Dipak Gunvanta. **Studies on grain mould resistance in sorghum (*Sorghum bicolor* (L) Moench)**. (Dr. D B Deosarkar), Department of Agricultural Botany, Vasantao Naik Marathwada Agricultural University, Parbhani.

##### Entomology

1. Bhede, Baswaraj Vishwanath. **Pest management in cauliflower (*Brassica oleracea* var. *botrytis*)**. (Dr. B B Bhosle), Department of Agricultural Entomology, Vasantao Naik Marathwada Agricultural University, Parbhani.

2. Masal, Mahadev Shankar. **Studies on bioecology and management of major insect pests of brinjal**. (Dr. D R Kadam), Department of Agricultural Entomology, Vasantao Naik Marathwada Agricultural University, Parbhani.

##### Food Science & Technology

1. Gadhe, Kailesh Sakham. **Extraction and characterization of dietary fiber and pectin from sugar beet (*Beta vulgaris* L) and its exploration in functional food**. (Dr. D M Shere), Department of Food Technology, Vasantao Naik Marathwada Agricultural University, Parbhani.

2. Kale, Ravindra Vasantao. **Isolation, modification and characterization of starch from sweet potato (*Ipomoea batatas* L) and its exploration in gulabjamun and ice cream**. (Dr. D M Shere), Department of Food Technology, Vasantao Naik Marathwada Agricultural University, Parbhani.

3. Kshirsagar, Rajesh Baliram. **Studies on exploration and quality evaluation of moringa oleifera (*Leaf flower and pod*) as a nutraceuticals in health food**. (Dr. A R Sawate), Department of Food Technology, Vasantao Naik Marathwada Agricultural University, Parbhani.

4. Zaker, Mohammad Aleem. **Studies on isolation characterization of some important nutraceutical components from orange (*Citrus sinensis*) by products and its exploration in weaning food**. (Dr. A R Sawate), Department of Food Technology, Vasantao Naik Marathwada Agricultural University, Parbhani.

##### Horticulture

1. Kalabandi, Baslingappa Mallikarjun. **Studies on *in vitro* mutagenesis in banana cv grand naine**. (Dr. G M Waghmare), Department of Horticulture, Vasantao Naik Marathwada Agricultural University, Parbhani.

##### Plant Pathology

1. Chavan, Pramod Govind. **Studies on variability and integrated management of turmeric rhizome rot caused by *Pythium aphanidermatum* (Edson) Fitzp.** (Dr. K T Apet), Department of Plant Pathology, Vasantao Naik Marathwada Agricultural University, Parbhani.

2. Kadam, Rakhi Venkatrao. **Studies on bacterial wilt of ginger incited by *Ralstonia solanacearum* (Smith) Yabuuchi in agro-climatic zones of Maharashtra**. (Dr. G P Jagtap), Department of Plant Pathology, Vasantao Naik Marathwada Agricultural University, Parbhani.

3. Pawar, Dhiraj Vipin. **Studies on sesamum leaf blight caused by *Alternaria sesami* (Kawamura) Mohanty and Behera**. (Dr. A P Suryawanshi), Department of Plant Pathology, Vasantao Naik Marathwada Agricultural University, Parbhani.

##### Soil Science

1. Pendke, Madan Shridharrao. **Water resource planning of pingalgarh watershed using geospatial techniques**. (Dr. B W Bhuibhar), Department of Soil Science and Water Management, Vasantao Naik Marathwada Agricultural University, Parbhani.

##### Veterinary Science

1. Bainwad, Datta Vankati. **Studies on morphometric production and reproduction performance of red kandhari cattle in Marathwada Region**. (Dr. B M Thombre), Department of Animal Husbandry and Dairy Science, Vasantao Naik Marathwada Agricultural University, Parbhani.

#### BIOLOGICAL SCIENCES

##### Bio Science

1. Sethi, Udaya Sankar. **Observations of two-phase culture system of shrimp farming**. (Dr. Mohini Gadhia), Department of Aquatic Biology, Veer Narmad South Gujarat University, Surat.

##### Botany

1. De, Arpita. **Genotoxicity of gold and aluminium oxide nanoparticles in plant and mammalian cells**. (Prof. Anita Mukherjee), Department of Botany, University of Calcutta, Kolkata.

2. Jayashree, Acharya. **Enzyme inhibitory properties of some edible flowers of West Bengal**. (Prof. Bratati De), Department of Botany, University of Calcutta, Kolkata.

3. Savita. **Phytochemical analysis, antimicrobial and antioxidant activity of some weed**. (Dr. Pushpa Dahiya), Department of Botany, Maharshi Dayanand University, Rohtak.

4. Singh, Surender. **Ecological assessment of village ponds of District Jhajjar (Haryana) India**. (Dr. Surender Singh Yadav), Department of Botany, Maharshi Dayanand University, Rohtak.

5. Varghese, Alka E. **Antifungal activity guided phytochemical analysis of a few selected species of annonaceae**. (Dr. V T Antony and Dr. Madhusudhanan K), Department of Botany, Mahatma Gandhi University, Kottayam.

6. Verma, Nidhi. **Effect of seaweed on biological potential nanoparticle synthesis, characterization and growth characteristics of *Vigna aconitifolia* (Jacq) Marechal**. (Dr. Anita