

THESES OF THE MONTH

SCIENCE & TECHNOLOGY

A List of doctoral theses accepted by Indian Universities
(Notifications received in AIU during the month of November-December, 2020)



AGRICULTURAL & VETERINARY SCIENCES

Agronomy

1. Patel, Ashishkumar Chandubhai. **Exploring the feasibility of organic farming in different crops.** (Dr. K G Patel), Department of Agronomy, Navsari Agricultural University, Navsari.

Biotechnology

1. Gunvantray, Antala Virali. **Comparative transcriptome and metabolomics profiling of aflatoxin resistant and susceptible groundnut influenced by toxigenic and non toxigenic *Aspergillus flavus*.** (Dr. B A Golakiya), Department of Plant Molecular Biology and Biotechnology, Junagadh Agricultural University, Junagadh.

Genetics & Plant Breeding

1. Hadiya, Ankur Mohanlal. **Genetic architecture of fruit yield and its components in bottle gourd [*Lagenaria siceraria* (Molina) standl].** (Dr. L K Dhaduk), Department of Genetics and Plant Breeding, Junagadh Agricultural University, Junagadh.

Microbiology

1. Dasyam, Silpa. **Studies on optimization of amylase production by bacillus species isolates from agricultural field soils.** (Dr P Brahmaji Rao), Department of Microbiology, Acharya Nagarjuna University, Nagarjuna Nagar.

BIOLOGICAL SCIENCES

Biotechnology

1. Chauhan, Madhulika. **Isolation screening and characterization of cadmium resistant bacteria for bioremediation.** (Dr. Manu Solanki), Department of Biotechnology, Manav Rachna International Institute of Research and Studies, Faridabad.

2. Dixit, Mallikarjun. **Studies on incidence, toxicity and its counter parameters of ochratoxin-A and its evaluation in immune and neuro cell lines of *M. musculus*.** (Prof.K R S Sambasiva Rao), Department of Biotechnology, Acharya Nagarjuna University, Nagarjuna Nagar.

3. Gautam, Anuradha. **Identification of phytochemicals from *tinospora cordifolia* using anti-**

ageing specific receptor. (Dr. Kapila Kumar and Dr. Anamika Singh), Department of Biotechnology, Manav Rachna International Institute of Research and Studies, Faridabad.

4. Hanoon, Luay Kadhim. **Synthesis and characterization of [(Silver (Ag) nano particles)-(P malabaricum)] composite and its in-vitro cell based studies for anticancer activities.** (Dr. A Krishna Satya), Department of Biotechnology, Acharya Nagarjuna University, Nagarjuna Nagar.

5. Kapahi, Meena. **My coremediation of heavy metals cadmium and lead in industrial effluent by using oyster fungi.** (Dr. Sarita Sachdeva), Department of Biotechnology, Manav Rachna International Institute of Research and Studies, Faridabad.

6. Konduri, Vinay Viswanath. **Synthesis, characterization and applications of metal and metal oxides nanoparticles using plant extracts of hibiscus tiliaceus.** (Dr. P Sudhakar), Department of Biotechnology, Acharya Nagarjuna University, Nagarjuna Nagar.

Botany

1. Pandey, Swapnil. **Extraction and characterization of phytomolecules from *Betula utilis* L. for their anti-aging and neuroprotective activities in *Caenorhabditis elegans*.** (Dr. Puneet Singh Chauhan), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

2. Saini, Ishan. **Studies on biodiversity and effectiveness of arbuscular mycorrhizal fungi on the growth performance of some ornamental plants.** (Dr. Ashok Aggarwal), Department of Botany, Kurukshetra University, Kurukshetra.

3. Singh, Jitendra Kumar. **Investigating different pretreatment methods for hydrolysis of water hyacinth (*Eichhornia crassipes*) biomass.** (Dr. Ashwani Kumar), Department of Botany, Dr Harisingh Gour Vishwavidyalaya, Sagar.

Food Science & Nutrition

1. Luithui, Yoya. **Processing of Job's tears (*Coix lachryma-jobi* L) for the development of food ingredients.** (Dr. M.S. Meera), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.