

THESES OF THE MONTH

SCIENCE & TECHNOLOGY

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

AGRICULTURAL & VETERINARY SCIENCES

Agriculture Engineering

1. Supekar, Sanjay Janardhanrao. **Impact of irrigation and fertigation levels on growth, yield and quality of summer chilli (*Capsicum annuum* L).** (Dr. A S Kadale), Department of Agricultural Engineering, Vasanttrao Naik Marathwada Agricultural University, Parbhani.

Plant Pathology

1. Golakiya, Bhargavkumar Bhimajibhai. **Pomegranate leaf and fruit spot (*Colletotrichum gloeosporioides* (Penz) Penz and sacc and *Alternaria alternata* (Fr) Keissler) and their management.** (Dr. L F Akbari), Department of Plant Pathology, Junagadh Agricultural University, Junagadh.

BIOLOGICAL SCIENCES

Biochemistry

1. Kapil Dev. **Biosafety evaluation of nanomaterial using caprine germ cell as a unique model system.** (Dr. Suman Dhanda and Dr. Gautam Kaul), Department of Biochemistry, Kurukshetra University, Kurukshetra.

Biotechnology

1. Ravivarma, Aithabathula. **A study on screening, isolation and molecular characterization of actinomycetes streptomyces rochei JRS-27 with antimicrobial and cytotoxic potency.** (Dr. P Sudhakar), Department of Biotechnology, Acharya Nagarjuna University, Nagarjuna Nagar.

2. Sharma, Preeti. **Micropropagation, secondary metabolite profiling and molecular diversity analysis of *Lawsonia inermis*.** (Dr. Bindu Battan and Dr. Dr. Anil Sindhu), Department of Biotechnology, Kurukshetra University, Kurukshetra.

3. Vimala. **Molecular and biochemical characterization of cotton leafhopper *Amrasca biguttula biguttula* (ISHIDA) population from South India.** (Dr. R Srinivasa and Dr. M Bheemanna), Department of Biotechnology, Koneru Lakshmaiah Education Foundation, Guntur.

4. Yadav, Bharti. **In vitro studies on protective effects of phytochemicals (Morin and Naringenin) on lead induced genotoxicity in cultured human cells and effect of gene polymorphisms.** (Dr. Anita Yadav), Department of Biotechnology, Kurukshetra University, Kurukshetra.

Botany

1. Marbaniang, Jean Valrie. **Analyses of genetic diversity and phylogenetic relationship in *Malaxis* spp (Orchidaceae) using suitable DNA-based markers.** (Prof. Suman Khatri Kumaria and Prof. Pramod Tandon), Department of Botany, North Eastern Hill University, Shillong.

2. Mondal, Sujit. **Taxonomy, phenology and ethnobotany of palms in West Bengal.** (Dr. M chowdhury), Department of Botany, University of North Bengal, Darjeeling.

3. Patel, Dharmeshbhai Chandubhai. **An ethnobotanical survey of medicinal plants used by traditional healers of Kaprada Forest (Valsad District) Gujarat, India.** (Dr. Bhanwar Lal Jat), Department of Botany, Bhagwant University, Ajmer.

Marine Science

1. Khan, Injeela. **Growth performance and meat quality of pangas catfish (*Pangasianodon Hypophthalmus*) fed on fish silage and linseed oil supplemented diets.** Department of Aquaculture, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

2. Namburu, Praveen Kumar. **A study on some beneficial aspects of better management practices (BMP'S) in penaeus monodon (Black tiger prawn) culture in Andhra Pradesh, India.** (Dr. K Sumanth Kumar), Department of Aquaculture, Acharya Nagarjuna University, Nagarjuna Nagar.

Microbiology

1. Pudota, Sunila Rani. **Phytochemical, biological and cytotoxic efficiency of silver nano-particles (AgNPs) synthesised from selected Mangrove plants.** (Prof. G Rosaiah), Department of Microbiology, Acharya Nagarjuna University, Nagarjuna Nagar.