



THESES OF THE MONTH

SCIENCE & TECHNOLOGY

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

AGRICULTURAL & VETERINARY SCIENCES

✓ Agronomy

1. Kaushal, Shilpa. **Standardisation of agro techniques for tomato production in naturally ventilated poly house.** (Dr. Vinod Sharma), Department of Agronomy, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

✓ Biochemistry

1. Adarsha, M H. **Development of novel magnetometric immunosensor assay system for detection of aflatoxin.** (Dr. B Madhusudan and Dr. Vimal M Ramani), Department of Studies and Research in Biochemistry, Kuvempu University, Shankaraghatta.

2. Belho, Khriesituono. **Purification, characterization and immobilization of phytase from germinating rice bean (*Vigna umbellata thunb*).** (Prof. P K Ambasht), Department of Biochemistry, North Eastern Hill University, Shillong.

✓ Biotechnology

1. Patil, Vishal Ramchandra. **Molecular and biochemical basis of fusarium wilt resistance in pigeonpea [*Cajanus cajan* (L) Millsp].** (Dr. R M Patel), Department of Plant Molecular Biology and Biotechnology, Navsari Agricultural University, Navsari.

✓ Food Science & Technology

1. Menon, Lakshmi S R Rema. **Characterization of mango (*Mangifera Indica*) stone kernel flour and identification of its food applications.** (Dr.R.Preetha), Department of Food and Process Engineering, SRM University, Kattankulathur, Chennai.

2. Nithyalakshmi, V. **Development and quality evaluation of EMU (*Dromaius novaehollandiae*) meat enriched noodles.** (Dr.R.Preetha), Department of Food and Process Engineering, SRM University, Kattankulathur, Chennai.

✓ Microbiology

1. Sapna. **Production, characterization and applications of extracellular phytase from soil fungus.** (Dr. Bijender Singh), Department of Microbiology, Maharshi Dayanand University, Rohtak.

✓ Veterinary Science

1. Gupta, Abhishek. **Epidemiology of gastro-intestinal helminths in dairy animals with special reference to immunodiagnosis of bovine fasciolosis in Punjab.** Department of Veterinary Parasitology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.

BIOLOGICAL SCIENCES

✓ Biochemistry

1. Jitendra Kumar. **Mining of human gut microbiome for glutenase coding genes.** (Dr. N S Chauhan), Department of Biochemistry, Maharshi Dayanand University, Rohtak.

Bioinformatics

1. Piplani, Sakshi. **Virtual screening and pre-clinical evaluation of valproic acid analogues for anti-epileptic activity.** (Dr. Ajit Kumar), Department of Bioinformatics, Maharshi Dayanand University, Rohtak.

Biotechnology

1. Divya. **Studies on plasmodium falciparum drug resistance in endemic regions of India.** (Dr. Amita Suneja Dang), Department of Biotechnology, Maharshi Dayanand University, Rohtak.

2. Farhat Fatima. **Studies on the development of controlled release effervescent floating tablets of selected H_2 receptor antagonists using semisynthetic and natural polymers.** (Dr. K Prakash), Department of Biotechnology, Acharya Nagarjuna University, Nagarjuna Nagar.

3. Jemima, E Angel. **Functional characterization and signaling mechanism of histamine H4 receptor on human mast cells.** (Dr.E. Berla Thangam), Department of Biotechnology, SRM University, Kattankulathur, Chennai.

4. Lathar, Manila. **Population genetics analysis of anopheles fluviatilis T.** (Dr. Amita Suneja Dang), Department of Biotechnology, Maharshi Dayanand University, Rohtak.

5. Ozah, Dibyajyoti. **Isolation, identification and molecular characterization of extracellular protein (Coagulase) of microbial origin.** (Dr. B G Unni and Dr. R K Sharma), School of Biological Sciences, University of Science and Technology, Meghalaya.

6. Sahoo, Suprava. **Phytochemical evaluation, molecular characterization and in vitro studies of selected taxa of *Kaempferia* and *Alpinia*.** Department of Biotechnology, Siksha O Anusandhan University, Bhubaneswar.

7. Singh, Vivek Kumar. **Organellar targeting of cry 1 Ac delta endotoxin to increase the stability in plant cells.** (Dr. P Ananda Kumar), Department of Biotechnology, Acharya Nagarjuna University, Nagarjuna Nagar.

Botany

1. Alam, Subha. **Studies on co-habitation of ascochyta rabiei, meloidogyne incognita and xanthomonas campestris Pv cassiae on cicer arietinum.** (Prof.Zaki A Siddiqui), Department of Botany, Aligarh Muslim University, Aligarh.

2. Bommena, Rajendra Prasad. **Tissue culture and some chemobiological studies of aloe vera (L) burm f.** (Prof. M Babu Rao), Department of Botany, Osmania University, Hyderabad.

3. Erikipati, Kamala Pranoothi. **Studies on qualitative and quantitative phytochemical analysis and assessment of in vitro and in vivo biological activities of leucas Indica (L) Var Nagalapuramiana.** (Dr. S Emmanuel), Department of Botany, Acharya Nagarjuna University, Nagarjuna Nagar.

4. Gogoi, Animesh. **Identification of high oil yielding accession of *Jatropha curcas* L from different agro-climatic zones of North-East India.** (Dr. S P Saikia and Dr. R K Sharma),