

---

---

# THESES OF THE MONTH

---

---

## SCIENCE & TECHNOLOGY

### A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of July-Aug., 2017)

#### ✓ AGRICULTURAL & VETERINARY SCIENCES

##### ✓ Agronomy

1. Harwinder Kaur. **Production enhancement and quality improvement of determinate and dwarf genotypes of Ethiopian mustard (*Brassica carinata* A Br) through optimization of sowing dates, crop geometry and nitrogen doses.** Department of Agronomy, Punjab Agricultural University, Ludhiana.

##### ✓ Biotechnology

1. Sinha, Kishor. **Genetic mapping and transfer of brown plant hopper resistance gene (S) from *Oryza nivara* Sharma et Shastry to cultivated rice.** Department of Bio-Technology, Punjab Agricultural University, Ludhiana.

##### ✓ Entomology

1. Chhavi. **Bioecology and management of rice leaf folder *Cnaphalocrocis medinalis* (Guenee) infesting paddy in Himachal Pradesh.** (Dr. Pawan Kumar Sharma), Department of Entomology, CSK Himachal Pradesh Krishi Vishwavidyalaya, Palampur.

2. Devi, Uma Ngangom. **Studies on bases of resistance in chickpea against gram pod borer, *Helicoverpa armigera* (Hubner).** Department of Entomology, Punjab Agricultural University, Ludhiana.

3. Jasjinder Kaur. **Ecological impact of neonicotinoids on arthropod fauna of Bt cotton.** Department of Entomology, Punjab Agricultural University, Ludhiana.

##### ✓ Extension Education

1. Ojha, Pankaj Kumar. **Study of effectiveness of different extension teaching methods under KVK system of Bihar.** (Dr. Madan Singh), Department of Extension Education, Dr Rajendra Prasad Central Agricultural University, Pusa, Samastipur.

##### ✓ Food Science & Technology

1. Gayas, Bazilla. **Ultrasound assisted extraction of oil from apricot kernels (*Prunus armeniaca* L).** Department of Processing & Food Engineering, Punjab Agricultural University, Ludhiana.

#### BIOLOGICAL SCIENCES

##### ✓ Biotechnology

1. Chithra, S. **Bioprospecting of endophytic fungi from various cultivars of *Piper nigrum*.** (Dr. Radhakrishnan E K), Department of Biotechnology, Mahatma Gandhi University, Kottayam.

2. Malik, Sunita. **Genome-wide search for nuclear-encoded RNA maturases using bioinformatical approach and expression studies of NMAT genes.** (Prof. SM Paul Khurana and Prof K C Upadhyaya), Department of Biotechnology, Amity University, Gurgaon.

3. Yuvraj. **Asymmetric total synthesis of biologically active natural products employing chiral catalysts.** (Dr. Satyendra Kumar Pandey), School of Chemistry and Bio-Chemistry, Thapar University, Patiala.

##### ✓ Botany

1. Mishra, Dibyanjan. **Parental genetic diversity, heterosis and genetic analysis for quantitative traits in sesame (*Sesamum indicum* L).** (Dr. Swapan Kumar Tripathy), Department of Botany, Utkal University of Culture, Bhubaneswar.

2. Rout, Suchitra. **Traditional use of medicinal plants by some primitive tribes of Odisha.** (Dr. Hemanta Kumar Patra), Department of Botany, Utkal University of Culture, Bhubaneswar.

3. Sahoo, Rajasri. **Antioxidant and antiurolithiatic activity of *Macrotyloma uniflorum* (Lam) Verdc under nickel stress.** (Prof. Santilata Sahoo), Department of Botany, Utkal University of Culture, Bhubaneswar.

##### ✓ Life Science

1. Acharya, Sarbari. **Exploration of various strategies for leukemia therapy by drug loaded nanoparticles.** (Dr. Sanjeeb Kumar Sahoo), Department of Life Science, Utkal University of Culture, Bhubaneswar.

2. Doureradjou, Peroumal. **T cell apoptosis and immune responses in autoimmunity.** (Dr. Satish Devadas), Department of Life Science, Utkal University of Culture, Bhubaneswar.

3. Mohapatra, Rajesh Kumar. **Studies on some biological aspects of Indian pangolin (*Manis crassicaudata* Gray, 1827).** (Dr. Sudarsan Panda and Prof. Prafulla Kumarr Mohanty), Department of Life Science, Utkal University of Culture, Bhubaneswar.

4. Samal, Surya Kanta. **Characterization and diagnosis of *Aeromonas hydrophila* infection in freshwater fish.** (Dr. Basanta Kumar Das and Dr. Bibhuti Bhusan Pal), Department of Life Science, Utkal University of Culture, Bhubaneswar.

5. Sarangi, Anshuman. **Pathophysiologic roles of cytokines TNF-ALPHA, IL-12, IL-4 in malaria.** (Prof. Prakash Chandra Mohapatra), Department of Life Science, Utkal University of Culture, Bhubaneswar.

6. Thiruvaimozhi, A. **Modulation of T helper cell function and apoptosis reactive oxygen species.** (Dr. Satish Devadas), Department of Life Science, Utkal University of Culture, Bhubaneswar.

##### ✓ Marine Science

1. Joy, Rose Wine. **Economics of water quality and risk: A study of aquaculture farms in the Vembanad Lake area.** (Dr. K T Thomson), School of Industrial Fisheries, Cochin University of Science & Technology, Kochi.

2. Parameswaran, Usha V. **Echinoderms of the South Eastern Arabian Sea: Systematics and ecology.** (Dr. V N Sanjeevan), Centre for Marine Living Resources & Ecology, Cochin University of Science & Technology, Kochi.