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# THESES OF THE MONTH

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## SCIENCE & TECHNOLOGY

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

#### AGRICULTURAL & VETERINARY SCIENCES

##### ✓ Agricultural Economics

1. More, Manoj Sudhakar. **Economics of mechanised farm and non-mechanised farm in Parbhani District of Maharashtra.** (Dr. K V Deshmukh), Department of Agricultural Economic, Vasantrao Naik Marathwada Agricultural University, Parbhani.

##### ✓ Food Science & Technology

1. Bharti, Indu. **Development of natural biopolymer films and its application on quality enhancement of cut fruits and vegetables.** (Dr. Aradhita Ray), Department of Food Technology, Guru Jambheshwar University of Science & Technology, Hisar.

2. Gupta, Nivedita. **Studies on induced mutagenesis in okra: (*Abelmoschus esculentus* (L) moench).** (Dr. Sonia Sood), Department of Vegetable Science & Floriculture, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

3. Sharma, Shweta. **Characterization and utilization of protein isolates of adzuki bean [*Vigna angularis* (Willd) Ohwi and Ohashi]] for health foods.** (Dr. Ranjana Verma), Department Commerce, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

##### ✓ Forestry

1. Kamini. **Studies on reproductive biology of *Angelica glauca* Edgew and *Podophyllum hexandrum* royle.** (Dr. Ravinder Raina), Department of Forest Products, Dr Y S Parmar University of Horticulture and Forestry, Nauni, District Solan.

##### Soil Science

1. Jaryal, Navneet. **Evaluation and standarization of water soluble fertilizer as foliar spray for pea-tomato sequence under mid-hill sub humid zone of Himachal Pradesh.** (Dr. D K Parmar), Department of Soil Science, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

#### BIOLOGICAL SCIENCES

##### ✓ Biotechnology

1. Kumari, Shweta. **Synthesis of lignin-teos nanocomposites, their charcterization and application.** (Dr. Harit Jha), Department of Biotechnology, Guru Ghasidas University, Bilaspur.

##### ✓ Botany

1. Seal, Nabamita. **Pathogenicity, variability, histopathology and histochemical studies on colletotrichum Sp causing anthracnose disease in cowpea.** (Dr. C Maya), Department of Botany, Bangalore University, Bangalore.

##### Life Science

1. Shah, Flora Chandulal. **Impact of antioxidants on lead**

**induced toxicity to Mammalian vital organs.** (Dr. N K Jain), Faculty of Life Science, Gujarat University, Ahmedabad.

##### ✓ Zoology

1. Mahajan, Vidya Sambashiv. **Studies on seasonal variation of Flora and Fauna of Mohabala Lake of Bhadrawati District Chandrapur (M S) India, with respect to physico-chemical characteristics.** (Dr. N V Harney), Department of Zoology, Gondwana University, Gadchiroli.

2. Pandey, Rittika. **Biochemical and histochemical study on some of the tissues of edible snails affected due to use of pesticides.** (Dr. Nirmala Tripathi), Department of Zoology, Sido Kanhu Murmu University, Dumka.

#### ENGINEERING SCIENCES

##### Civil Engineering

1. Ansari, Tauseef Ahmad. **Groundwater modeling in urban areas for recharge characterisation using geoinformatics approach.** (Dr. Y B Katpatal and Dr. A D Vasudeo), Department of Civil Engineering, Visvesvaraya National Institute of Technology, Nagpur.

2. Ingole, Ramakant Surendra. **Adsorptive removal of phenol from aqueous solution using low cost adsorbents.** (Dr. D H Lataye), Department of Civil Engineering, Visvesvaraya National Institute of Technology, Nagpur.

##### Computer Science & Engineering

1. Sandeep Kumar. **Efficient pricing models for online auctions.** (Dr. Rahul Rishi), Department of Computer Science & Engineering, Maharshi Dayanand University, Rohtak.

2. Barak, Dheer Dhawaj. **Efficient technique for detection and prevention of network layer attacks in mobile adhoc networks.** (Dr. Satinder Bal Gupta), Department of Computer Science & Engineering, Bhupendra Narayan Mandal University, Madhepura.

3. Diwan, Tausif. **Parallelization of dynamic programming algorithms on multicore and manycore architectures.** (Dr. S R Sathe), Department of Computer Science & Engineering, Visvesvaraya National Institute of Technology, Nagpur.

4. Hira, Swati. **Inferring casual relationships by using intelligent multidimensional modeling on economic data.** (Dr. Parag S Deshpande), Department of Computer Science & Engineering, Visvesvaraya National Institute of Technology, Nagpur.

5. Mukesh Kumar. **Secure data aggregation in wireless sensor networks.** (Dr. Kamlesh Dutta), Department of Computer Science & Engineering, National Institute of Technology, Hamirpur.

6. Niranjana, G. **Development of image processing techniques for detection and stage classification of lung cancer using CT images.** (Dr. M Ponnaivaikko), Department of