

# THESES OF THE MONTH

## SCIENCE AND TECHNOLOGY

### A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of Nov-Dec, 2019)

#### AGRICULTURAL & VETERINARY SCIENCES

##### Agricultural Engineering

1. Gedam, Kanchan Vasantao. **Ergonomic assessment of manually operated rotary maize sheller.** (Dr S K Thakre), Department Agricultural Engineering, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.
2. Murumkar, Rajesh Prabhakar. **Development and performance evaluation of selected spices seed extractor.** (Dr. P A Borkar), Department Agricultural Engineering, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

##### Agronomy

1. Chirde, Pritam Nagorao. **Assessment of nutrient management in soybean-maize crop sequence for higher productivity.** (Dr V M Bhale), Department of Agronomy, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.
2. Dikey, Hemantkumar Haribhau. **Studies on water and nutrient management in turmeric (*Curcuma Longa L.*)** (Dr.V M Bhale), Department of Agronomy, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.
3. Thakare, Swapnil Subhashrao. **Productivity and economics of Bt cotton under different fertigation levels and weed management practices.** (Dr. A N Paslawar), Department of Agronomy, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

##### Animal Husbandry

1. Mohale, Deepak Dnyandeorao. **Comparative study on feeding of soybean straw treated with calcium, sodium bicarbonate and urea on the performance of lactating cows.** (Dr S D Chavan), Department of Animal Husbandry, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.
2. Pavan, M. **Development and evaluation of functional chicken noodles.** (Dr Sathu T), Department of Livestock Products Technology, Kerala Veterinary and Animal Sciences University, Wayanad.
3. Shegokar, Sanjay Rajaram. **Effect of supplementation of neem (*Azadirachta indica*) leaf and ginger (*Zingiber officinale*) powders on performance of Giriraja poultry birds.** (Dr S D Chavan), Department of Animal Husbandry, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

##### Extension Education

1. Koli, Ramesh Tatyasaheb. **Impact of dairy farming on livelihood of dairy farmers.** (Dr D M Mankar), Department of Extension Education, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.
2. Sarnaik, Shailesh Dinkarrao. **Job performance and job satisfaction of subject matter specialist and perception of the**

farmers towards extension service of Krishi Vigyan Kendra. (Dr P P Bhople), Department of Extension Education, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola.

##### Floriculture

1. Sekhon, Bhallan Singh. **Cytoplasmic Male Sterility (CMS) based heterosis and gene action studies in cauliflower (*Brassica oleracea L var botrytis L.*)** (Dr. Yudhvir Singh), Department of Vegetable Science and Floriculture, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

##### Genetics & Plant Breeding

1. Barad, Hitesh Ranabhai, **Genetic architecture of seed yield and its component characters in F<sub>1</sub> and F<sub>2</sub> generations of castor (*Ricinus communis L.*)** (Dr K L Dobariya), Department of Genetics & Plant Breeding, Junagadh Agricultural University, Junagadh.

## BIOLOGICAL SCIENCES

##### Biochemistry

1. Deepika. **Study the effect of membrane phospholipids on yeast.** (Dr Ritu Pasrija), Department of Biochemistry, Maharshi Dayanand University, Rohtak.

##### Biosciences

1. Bhavsar, Sunilkumar Pankajkumar. **Studies on remediation of AZO dyes by synthesized nanoparticles.** (Dr S K Tank), Department of Biosciences, Veer Narmad South Gujarat University, Surat.
2. Chawla, Aruna Manjeetsingh. **Effect of heavy metal toxicity on growth and development of a Mangrove avicennia marina in gulf of Khambhat.** (Dr Kailash P Patel), Department of Biosciences, Veer Narmad South Gujarat University, Surat.
3. Jairajpuri, Mariya Javed. **Effect of dyeing industrial effluent of Pandesara on the growth and development of some agricultural plant species.** (Dr. Kailash P Patel), Department of Biosciences, Veer Narmad South Gujarat University, Surat.
4. Patel, Ritixaben Rajubhai. **Biosorption of heavy metals from aqueous solution by bacteria isolated from industrial soil sample.** (Dr S K Tank), Department of Biosciences, Veer Narmad South Gujarat University, Surat.
5. Sharma, Shital, Rameshchandra. **Screening, identification, characterization and optimization of antimicrobial metabolites biosynthesis produced from soil actinomycetes.** (Dr. Gaurav Shah), Department of Biosciences, Veer Narmad South Gujarat University, Surat.
6. Thumar, Rameshkumar Harilal. **Biodiversity and taxonomic study of predacious spiders of some orchard plants in and around Navsari District, Gujarat.** (Dr. Arunkumar H Dholakia), Department of Biosciences, Veer Narmad South Gujarat University, Surat.

##### Botany

1. Pooja. **Study the effect of calcium on responsive proteins and physiological parameters in two tomato cultivars grown**