

THESES OF THE MONTH



SCIENCE & TECHNOLOGY

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

AGRICULTURAL & VETERINARY SCIENCES

Agricultural Engineering

1. Jakasania, Ronak Gordhanbhai. **Development of tractor operated automated inter and intra row weeder.** (Dr. R Yadav), Department of Farm Machinery and Power Engineering, Junagadh Agricultural University, Junagadh.

2. Sunil Kumar. **Design, development and evaluation of a tractor operated paddy straw bale shredder-cum-mulcher.** Department of Farm Machinery and Power Engineering, Punjab Agricultural University, Ludhiana.

Agronomy

1. Borse, Deepak Kashinath. **Effect of land configuration and nutrient management in wheat (*Triticum aestivum* L) under partially reclaimed coastal salt affected soil.** (Dr V P Usadadia), Department of Agronomy, Navsari Agricultural University, Navsari.

2. Chaudhari, Nareshkumar Narsinghbhai. **Effect of planting material, spacing and nitrogen management on sugarcane seed crop production under South Gujarat condition.** (Dr. H M Virdia), Department of Agronomy, Navsari Agricultural University, Navsari.

3. Javiya, Pratikumar Pravinbhai. **Evaluation of some cow-based bio-enhancers and botanicals for organic cultivation of wheat (*Triticum aestivum* L).** (Dr. R K Mathukia), Department of Agronomy, Junagadh Agricultural University, Junagadh.

Entomology

1. Chauhan, Rinkikumari Chandrajitbhai. **Biology, losses and management of acarid mite, *Tyrophagus putrescentiae* Schrank (Acari: Acaridae) in stored groundnut.** (Dr. Abhishek Shukla), Department of Entomology, Navsari Agricultural University, Navsari.

Food Science & Technology

1. Pandit, Manisha. **Nutritional and sensory evaluation of value added products development from composite flour.** Department of Food and Nutrition, Punjab Agricultural University, Ludhiana.

2. Rao, Ganta Koteswara. **Morphological, biochemical and molecular characterization in greater yam (*Dioscorea alata* L).** (Dr. N B Patel), Department of Fruit Science, Navsari Agricultural University, Navsari.

3. Singla, Priya. **Efficacy of quality maize based nutritious bars in improving the nutritional status of school children.** Department of Food and Nutrition, Punjab Agricultural University, Ludhiana.

Forestry

1. Biswas, Sudeshna. **Effect of parent material and soil on regeneration pattern and carbon stock in oak and pine**

forest in Mussoorie Forest Division, Uttarakhand. (Dr. A K Raina and Dr. Mridula Negi), Department of Forest Ecology and Environment, Forest Research Institute, Dehradun.

2. Kandpal, Vidisha. **Variations in wood traits in different full-sib seedling progeny clones of *populus deltoides* bartr ex Marsh.** (Dr. P K Pande and Dr. R C Dhiman), Department of Forest Botany, Forest Research Institute, Dehradun.

3. Prateek. **Assessment of natural regeneration and ecological attributes of sal forest under influence of protection in Doon Valley.** (Dr. H B Vasistha and Dr. Nirmal Ram), Department of Forest Ecology and Environment, Forest Research Institute, Dehradun.

4. Sharma, Vishwajeet. **Growth performance of *Melia composita* wild and its allelopathic effect on under-storey vegetation in different planting patterns.** (Dr. Devendra Kumar), Department of Forest Management, Forest Research Institute, Dehradun.

5. Yogesh Kumar. **Terrestrial vegetation carbon pool assessment in Uttarakhand using geospatial modeling.** (Dr. Sarnam Singh and Dr. R S Chatterjee), Department of Forest Management, Forest Research Institute, Dehradun.

Genetics & Plant Breeding

1. Kala, Mori Kiran. **Genetics of seed yield and its component traits in castor (*Ricinus communis* L).** (Dr. J B Patel), Department of Genetics and Plant Breeding, Junagadh Agricultural University, Junagadh.

Horticulture

1. Bhullar, Kuldeep Singh. **Efficacy of quality maize based nutritious bars in improving the nutritional status of school children.** Department of Horticulture, Punjab Agricultural University, Ludhiana.

2. Sharma, Vibhuti. **Evaluation of rootstocks for biotic stress management in tomato under protected conditions.** (Dr. Pardeep Kumar), Department of Vegetable Science & Floriculture, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur.

Plant Pathology

1. Jehani, Muljhibhai Dajabhai. **Epidemiology and management of anthracnose of yam (*Dioscorea alata* L) caused by *Colletotrichum* sp.** (Dr. P R Patel), Department of Plant Pathology, Navsari Agricultural University, Navsari.

Veterinary Science

1. Jasutkar, Ravindra Krishnarao. **Effect of amla powder (*Emblca officinalis*) supplementation on metabolic profile and reproductive performance of buffaloes in relation to heavy metal exposure with special reference to Ni and Cr.** Department of Veterinary Physiology, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.