

THESES OF THE MONTH

SCIENCE & TECHNOLOGY

A List of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of Jan-Feb, 2018)

AGRICULTURAL & VETERINARY SCIENCES

Forestry

1. Garima. **Effect of integrated nutrient management and tree spacing on wheat-maize cropping system under popular based agroforestry system.** (Dr. K S Pant), Department of Silviculture and Agroforestry, Dr Y S Parmar University of Horticulture and Forestry, Nauni, District Solan.

Genetics

1. Murty, Kadambari G Krishna. **Molecular mapping of QTL for plant height and its related traits in rice.** (Dr. M Sheshu Madhav), Department of Genetics, Osmania University, Hyderabad.

BIOLOGICAL SCIENCES

Botany

1. Jabeen, Asma. **Evaluation of host plant resistance and variability of rice tungro virus disease.** (Dr. D Krishnaveni), Department of Botany, Osmania University, Hyderabad.

2. Kunal Kumar. **Cytological analysis of the local cultivar of eleusine coracana (Lin gaertn and other millets cultivated in Katihar Districts and its adjoining areas.** (Dr. C S Yadav), Department of Botany, Bhupendra Narayan Mandal University, Madhepura.

3. Reeta Kumari. **Studies on the biochemical composition of the leachate of crop seeds after their faulty storage and its effect on their germination.** (Dr. Balram Singh), Department of Botany, Bhupendra Narayan Mandal University, Madhepura.

4. Swati Kumari. **Nutritional study of blue-green algae of Kosi Division.** (Dr. Indradeo Prasad Singh), Department of Botany, Bhupendra Narayan Mandal University, Madhepura.

5. Vadlakonda, Jhansi Rani. **In vitro propagation, phytochemical and molecular analysis of gymnema sylvestre R Br.** (Dr. S Karunakar Reddy), Department of Botany, Osmania University, Hyderabad.

Life Science

1. Singh, Anita. **Population dynamics and impact of Helminth parasites on some fishes of River Gomti in Lucknow, Uttar Pradesh.** (Dr. Suman Mishra), Department of Applied Animal Sciences, Babasaheb Bhim Rao Ambedkar University, Lucknow.

2. Varsani, Alpababen Valjibhai. **Appraisal of water and soil pollution of industrial khadi located around Surat.** (Dr. Kapila Manoj), Department of Aquatic Biology, Veer Narmad South Gujarat University, Surat.

Zoology

1. Gogoi, Budhin. **The cladoceran diversity with special emphasis on feeding ecology of fish in flood plain wetlands**

of Subansiri River Basin, Assam. (Prof. D N Das), Department of Zoology, Rajiv Gandhi University, Itanagar.

2. Ranu, Ragini. **Studies on the effect of deltamethar in on the respiratory rate and some blood parameters of heteropneustes fossils (Bloch).** (Dr. Upendra Narayan Yadav), Department of Zoology, Bhupendra Narayan Mandal University, Madhepura.

3. Shaik, Zareena. **Study of phytonematode diversity in cabbage and chilli crops of Gandipet Area and their biochemical studies.** (Prof. V Vanita Das), Department of Zoology, Osmania University, Hyderabad.

4. Surendra Prasad. **The effect of Malathion on the haematology of heteropneustes fossilis.** (Dr. Pankaj Kumar), Department of Zoology, Bhupendra Narayan Mandal University, Madhepura.

EARTH SYSTEM SCIENCES

Environmental Science

1. Dey, Anamika. **Coping creatively with climatic risks: People's knowledge, institutions and resource management strategies.** (Prof. Gurdeep Singh and Prof. Anil K Gupta), Department of Environmental Science & Engineering, Indian Institute of Technology, Dhanbad.

2. Mritunjay, Sujeet Kumar. **Microbiological safety evaluation recommendation of raw eaten salad vegetables.** (Dr. Vipin Kumar), Department of Environmental Science and Engineering, Indian Institute of Technology, Dhanbad.

3. Radha Rani. **Environmental evaluation of fly ash from selected thermal power plants with reference to mine filling.** (Dr. Manish Kumar Jain), Department of Environmental Science & Engineering, Indian Institute of Technology, Dhanbad.

4. Reddy, N Narendra. **Impact of mesoscale convective systems of the Indian summer monsoon on the surface layer and the UTLS region using PRWONAM measurements.** (Dr. Kusuma G Rao and Prof. K Mohan Kumar), Department of Atmospheric Science, Cochin University of Science & Technology, Kochi.

5. Tarafdar, Abhrajyoti. **Environmental profiling and advanced biodegradation studies of Polycyclic Aromatic Hydrocarbons (PAHs).** (Dr. Alok Sinha), Department of Environmental Science & Engineering, Indian Institute of Technology, Dhanbad.

6. Usmani, Zeba. **Study on accumulation of heavy metals from coal fly ash through vermicomposting using Indigenous earthworm species.** (Dr. Vipin Kumar), Department of Environmental Science & Engineering, Indian Institute of Technology, Dhanbad.

Geophysics

1. Vaish, Jitendra. **Time-lapse study of coal fire characterization over parts of Jharia Coalfield, India.** (Dr.