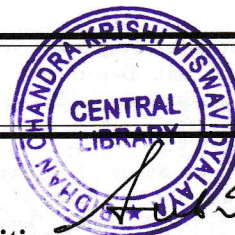


THESES OF THE MONTH

SCIENCE & TECHNOLOGY



A list of doctoral theses accepted by Indian Universities (Notifications received in AIU during the month of March-April, 2016)

26/5/16

AGRICULTURAL & VETERINARY SCIENCES

Biochemistry

1. Solanki, Vanrajsinh Harkishansinh. **Study on fusarium oxysporum f sp lycopersici and tomato (*Solanum lycopersicum*) interaction molecular and biochemical perspectives.** (Dr. R M Patel), Department of Biochemistry, Navsari Agricultural University, Navsari.

Biotechnology

1. Jain, Raina. **Molecular dissection of brassinosteroid biosynthesis pathway in chickpea (*Cicer arietinum* L) during abiotic stress.** (Dr. R M Patel), Department of Biotechnology, Navsari Agricultural University, Navsari.

Food Science & Technology

1. Wakhare, Avinash Ramdas. **Effect of different levels of potassium and sulphur on growth, yield, quality and storage life of garlic (*Allium sativum* L) cv. G-41.** (Dr. D T Desai), Department of Vegetable Science, Navsari Agricultural University, Navsari.

Plant Pathology

1. Chopada, Gopalkumar Babubhai. **Epidemiology and management of turmeric (*Curcuma longa* L) leaf blotch caused by taphrina sp.** (Dr. K B Rakholiya), Department of Plant Pathology, Navsari Agricultural University, Navsari.

BIOLOGICAL SCIENCES

Biotechnology

1. Divakara, Y G. **Isolation and characterization of male derived bioactive factors modifying physiology of oviposition in lepidopteran pest, *spodoptera litura*.** (Dr. D Manjula Kumari), Department of Biotechnology, Bangalore University, Bangalore.

2. Solanki, Jayant Kumar. **Studies on the mechanism of drought stress tolerance in peanut plant.** (Dr. S K Sarangi), Department of Biotechnology, Bangalore University, Bangalore.

EARTH SYSTEM SCIENCES

Environmental Science

1. Kavitha, P L. **Study of lead exposure and outcomes amongst children in Chennai, India.** (Dr. Kalpana Balakrishnan), Department of Environmental Science, Sri Ramachandra University, Chennai.

Geology

1. Panda, Malya Kumar. **Influence of geo technical properties of rock mass and explosive behavior on overbreak in tunnelling with controlled blasting.** (Prof. S Mohanty, Prof. A K Mishra and Dr. B M P Pingua), Department of Applied Geology, Indian School of Mines, Dhanbad.

ENGINEERING SCIENCES

Computer Science & Engineering

1. Mishra, Manoj Kumar. **Techniques of compression and**

encryption for image/video data. (Dr. S Mukhopadhyay and Prof G P Biswas), Department of Computer Science & Engineering, Indian School of Mines University, Dhanbad.

Electrical & Electronics Engineering

1. Singh, Jay. **Model order reduction for power systems control.** (Dr. K Chatterjee and Dr. C B Vishwakarma), Department of Electrical Engineering, Indian School of Mines University, Dhanbad.

Mechanical Engineering

1. Singh, Nand Kishore. **Impact analysis of symmetric and asymmetric fiber reinforced polymer laminates.** (Dr. K K Singh), Department of Mechanical Engineering, Indian School of Mines University, Dhanbad.

MATHEMATICAL SCIENCES

Mathematics

1. Gowda, C Appaji. **Some studies in graph theory and their applications.** (Dr. B Chaluvvaraju), Department of Mathematics, Bangalore University, Bangalore.

MEDICAL SCIENCES

Biochemistry

1. Ashok, D A Ben Sundra. **Biochemical markers in Alzheimer's disease.** (Dr. D Vasudevan), Department of Medicine Biochemistry, Sri Ramachandra University, Chennai.

2. Pallinti, Vasanthi. **A panel of markers-biochemical and genetic-in rheumatoidarthritis: Risk, disease and progress.** (Dr. Nalini Ganesan), Department of Biochemistry, Sri Ramachandra University, Chennai.

Biomedical Science

1. Baraneedharan, U. **Characterization, ex vivo expansion and cardiomyogenic differentiation of human bone marrow derived mesenchymal stem cells.** (Dr. P Venkatachalam), Department of Biomedical Sciences, Technology and Research, Sri Ramachandra University, Chennai.

2. Chinnadurai, M. **Studies on bleomycin and X-radiation induced bystander response and genomic instability.** (Dr. P Venkatachalam), Department of Biomedical Sciences and Technology, Sri Ramachandra University, Chennai.

3. Sivanandan, R N. **A study on certain phenotypic and genotypic characters of *salmonella typhi*.** (Dr. M Malika), Department of Biomedical Sciences, Technology and Research, Sri Ramachandra University, Chennai.

4. Sunil, A G. **Neuroprotective role of total oligomeric flavonoids of *cyperus rotundus* in rat model of transient focal ischemia.** (Dr. L V K S Bhaskar), Department of Biomedical Sciences, Technology and Research, Sri Ramachandra University, Chennai.

5. Vijayalakshmi, J. **Genetic studies of male infertility.** (Dr. P Venkatachalam), Department of Biomedical Sciences and Technology, Sri Ramachandra University, Chennai.

6. Venkateswaran, N. **Genetic study on refractory anemia**