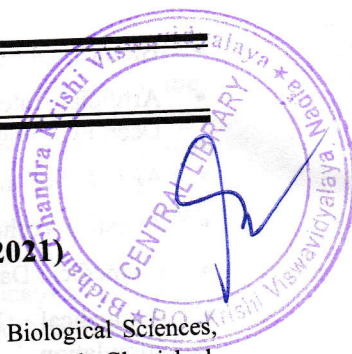


THESES OF THE MONTH

SCIENCE & TECHNOLOGY

A List of doctoral theses accepted by Indian Universities
(Notifications received in AIU during the month of July-August, 2021)



BIOLOGICAL SCIENCES

Bioinformatics

1. Santhosh Kumar, N. **Structural characterization of somatostatin receptors and their ligands using in silico approaches.** (Dr. Thirumurthy Madhavan), Department of Bioinformatics, SRM University, Kattankulathur, Chennai.

Biotechnology

1. Suriya Prakash, R. **Strength and properties determination of boric acid and borax decahydrate for radiation shielding efficiency of bio-caulk incorporated High Performance Concrete (HPC).** (Dr. Kantha Deivi Arunachalam), Department of Biotechnology, SRM University, Kattankulathur, Chennai.

2. Vishwakarma, Veena. **In vitro studies on chemopreventive effects of silymarin and andrographolide against nickel induced genotoxicity in cultured human cells.** (Dr. Anita Yadav), Department of Biotechnology, Kurukshetra University, Kurukshetra.

Life Science

1. Baruah, Joyashree. **Assessment of selection criteria for development of high yielding variety of *Capsicum Chinense* jacq.** (Dr. M Lal), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

2. Dihingia, Anjum. **A study on the prophylactic role of vitamin K against impaired glucose metabolism and vascular inflammation in type 2 diabetes.** (Dr. J Kalita), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

3. Jagdeo, Varkekar Namrata. **Processing of *Parkia biglandulosa* W & A for traditional food formulations of Manipur: evaluation of nutritional quality and storage stability.** (Dr. Ng. I. Singh), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

4. Paddar, Masroor Ahmad. **Exploring the molecular mechanism(s) of Trastuzumab resistance in HER2 positive breast cancers.** (Dr. Fayaz Malik), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

5. Sadat, Anwar. **Understanding the molecular mechanism of GroEL/ES assisted folding of a substrate.**

(Dr. Kausik Chakraborty), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

6. Sharma, Surbhi. **Elucidating the role of a novel circadian transcript in retina.** (Dr. Souvik Maiti), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

7. Singh, Manoj Kumar. **Investigating the effects of chronic systemic inflammation on zebrafish liver.** (Dr. Chetana Sachidanandan), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

8. Theresa, Shalini R M. **Functional expression and characterization of wax synthase from sunflower (*Helianthus annuus*).** (Dr. Asha Martin), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

9. Thorat, Meghana Namdeo. **Bacterial nanocellulose by *Komagataeibacter* strain PG2: Production, characterization and potential applications.** (Dr. Syed G Dastager), Faculty of Biological Sciences, Academy of Scientific and Innovative Research, Ghaziabad.

EARTH SYSTEM SCIENCES

Environmental Science

1. Geetha Suvarna, A. **Molecular characterization and comparative analysis of lectin from *Canavalia* Spp of Dakshina Kannada Region.** (Dr. Bhagya B Sharma and Dr. Arun Bhagwath), Faculty of Allied Health and Basic Sciences, Yenepoya (Deemed to be University), Mangaluru.

ENGINEERING SCIENCES

Civil Engineering

1. Shrivastava, Ruchi Pankaj. **Consolidation by dissipating radial seepage flow using prefabricated vertical geodrain reinforced clay beds.** (Dr. Sweta P Dave), Department of Civil Engineering, Gujarat Technological University, Ahmedabad.

Computer Science & Engineering

1. Audichya, Milind Kumar. **A computational linguistic approach for metadata generation for Hindi poetry.** (Dr. Saini Jatinderkumar Ramdass), Department of Computer Science and Engineering, Gujarat Technological University, Ahmedabad.