



# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

## Projects & Dissertations 2019/20

### Biosciences

#### M.Sc. in Biosciences

NAME	PROJECT TITLE	SUPERVISOR
Biswal	Comparative Analysis of the Protein Sequences of Various PDE Isoforms in PDE Superfamily	Dr. (Mrs.) Pallavi C
Sila Swetha	Identification of the Location of the Signature Sequence Motif in Various PDE Structures	Dr. (Mrs.) Pallavi C
Sai Sruthy Suraj	Optimization of Physical and Nutritional Parameters for Efficient Cellulase production from Soil Cellulolytic Bacteria	Dr. (Ms.) P Jyothikumari
Prajwal KG	Studies on the role of Nitro-reductases among clinically isolated Nitrofurantoin Resistant Bacterial Pathogens	Dr. B E Pradeep
Ayushman	Analysis of Efflux-pump mediated antibiotic resistance among clinical Acinetobacter baumannii isolates	Dr. B E Pradeep
Jasa Ranjan Podh	A Study on Relationship between Biofilm producing Genes and Antibiotic Resistance among Clinical Isolates of Pseudomonas Aeruginosa	Dr. B E Pradeep
Kuduthuri Saiprasad	Treating Water using Plant based Coagulants and Disinfectants	Dr. B S Vijayakumar
Surendra Anantha B Anil Sai	In silico Analysis of Anti-bacterial and Immunomodulatory Potential of Secondary Metabolites from Ganoderma sp.: A Molecular Docking Approach	Dr. K N Naresh
Kanikaram Sai Phalguna	Diphenol-sensing Potential of Immobilized Hemocyanin: A Microplate based Photometric Study	Dr. K N Naresh
K Sathya Sai Kiran	Effect of C60 - Fullerenes on the Structure of Hemocyanin: An <i>in silico</i> study using Molecular Dynamics Simulations and Molecular Docking	Dr. K N Naresh
Vasudev Tati	Unbiased Screening for Glycolysis and TCA cycle Metabolic Pathways in Huntingtin Aggregate Formation using Yeast as a Model System	Dr. S Venketesh
Srihari M	A Study on Hyper-metabolism associated with Familial forms of Amyotrophic Lateral Sclerosis in special reference to FUS and SOD	Dr. S Venketesh
Amal Sherin M	Unbiased Screening for Fructose, Mannose and Methane Metabolism in Huntingtin Aggregates Formation using Yeast as a Model System	Dr. S Venketesh
Sunirmala Sahoo	Study the Role of Mitophagy Pathway in Amyloid Aggregation in Huntington's Disease by Unbiased Screening of Yeast Ko Library	Dr. S Venketesh
Kodam Pradeep	A Study on Hyper-metabolism associated with Familial forms of Amyotrophic Lateral Sclerosis in special reference to TAR DNA binding protein-43 and C9orf72	Dr. S Venketesh
Guntreddi Saibindu	Phytochemical Screening and Anti diabetic Potential of Ethyl acetate subfractions of Trachyspermum ammi Linn. Aerial parts	Mrs. B Anusha