



# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

## Projects & Dissertations 2019/20

### Chemistry

#### M.Sc. in Chemistry

NAME	PROJECT TITLE	SUPERVISOR
Saibrata Punyasloka	Formulation of Efflux Pump Inhibitor loaded Liposomes and Study of their Antibacterial Properties on Resistant Bacterial Strains	Dr. S Prathap Chandran
Abhinav S	Valorization of Green Waste: Synthesis of Carbon Supported Ruthenium Nanoparticles	Dr. S Prathap Chandran
Sameer Nirupam Mishra	Synthesis of 4-Nitrochalcone Derivatives and Investigation of their Non-linear Optical Properties	Prof. G Nageswara Rao
Adarsh Kumar Singh	Silver Nanoprism Synthesis for Tunable Plasmon-coupled Emission Enhancements and Assessment of Thyroid Dysfunction	Dr. R Sai Sathish
Prajant Jha	Synthesis of Soret Colloids of Silver Nanocomposites for Augmented Plasmon-coupled Emission Enhancements and Accelerated Dye Reduction	Dr. R Sai Sathish