



SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

Projects & Dissertations 2019/20

Mathematics and Computer Science

M.Sc. in Mathematics

NAME	PROJECT TITLE	SUPERVISOR
Sagar Shiwakoti	Review of Mathematical Modelling of Hansen's (Leprosy) Disease: Questions Unanswered - The Road Ahead	Dr. Krishna Kiran Vamsi Dasu
Aman Sharma	A Study on Outlier Detection Methods	Dr. R Raghunatha Sarma
Chakala Naresh	Shortest Path Algorithm for Large Graphs	Dr. R Raghunatha Sarma
Rishi Sridhar Rao	Generative Adversarial Networks	Dr. S Balasubramanian
Jatin Arora	Study of loss functions for Face recognition	Dr. S Balasubramanian
Appana Narayana Rao	Database Design for Rheumatoid Arthritis Disease	Dr. Srinath M S

M.Sc. in Data Science & Computing

NAME	PROJECT TITLE	SUPERVISOR
Mandaleeka Shreeram	Robotic Process Automation through Lokibots	Dr. Ajith Padyana
Gobind Agarwal		
Appalabhotla Sai Krishna Sreeram	Classification of Respiratory Diseases	Sri Udhay R Shankar
Ghantasala Mani Yaswanth	Music Recommendations (Sai Bhajans)	Sri Udhay R Shankar
Posam Sai Teja	Service, Analytics and Intelligence in Healthcare Informatics	Sri V Bhaskaran
Sourin Karmakar		
Mavati Anilkumar		

B.C.A.

NAME	PROJECT TITLE	SUPERVISOR
Yanamandra Nikhil	Wish Tree, a platform to Q and A	Dr. Ajith Padyana
B Veera Venkata Sai Prabhath		
Venkata Raghava Kurada	Email Service for Inhouse requirements	Dr. Ajith Padyana
Kartik Bhatnagar		
G Jitendra Sai	Optical Character Recognition	Sri Udhay R Shankar
Gorthipalli Akhil Sai		
Srivats Ramaswamy	Online Chess	Sri Udhay R Shankar
Chintha Rajendra	IoT based LED Light Pattern	Sri V Bhaskaran
Jyotin Padhi	IoT based Mobile	Sri V Bhaskaran
Rawat Jitesh Manmohansingh	IoT based Robotic Car	Sri V Bhaskaran
Rajarshi V		
Krishna Kanth Gunta	Fingerprint Sensor Authentication	Sri V Bhaskaran
M R Santhan		

M.Tech. in Computer Science

NAME	PROJECT TITLE	SUPERVISOR
Vadali Sai Krishna	A Study of Certain Motion Estimation Algorithms	Dr. N Uday Kiran
Dasu Gautham Sreeram	Automatic detection and extraction of information from scanned documents	Dr. Pallav Kumar Baruah
Gajulapeta Sai Teja	Predictive Analytics in Health Care	Dr. Pallav Kumar Baruah
Bangarugiri Sateesh	Smart HBasechainDB	Dr. Pallav Kumar Baruah
Goli Uma Sankar	Fraud Detection on Motor Vehicle Insurance Industry Using Apache Spark - Machine Learning	Dr. Pallav Kumar Baruah
Ajay Singh Pawar	AI in Sports: Analyzing the run-up and delivery action of a fast bowler	Dr. R Raghunatha Sarma
Sai Prasant Das	Dynamic Detection and Mitigation of Meltdown	Dr. R Raghunatha Sarma
Gade Sai Akhilesh	A Real-time Scalable Recommender System using Collaborative Filtering and NLP Techniques	Dr. R Raghunatha Sarma
Sai Kumar Mungi	Dynamic Detection and Mitigation of Spectre Attacks	Dr. R Raghunatha Sarma
Ashik Rai	Human Detection in Low Resolution Thermal Image Sequences	Dr. R Raghunatha Sarma
Ankit Anand	Interpretable capsule networks	Dr. S Balasubramanian
Prashant Kalikotay	A Spectral Domain Based Extension of Convolution to Graph-Structured Data and its applications to Semi-Supervised and Supervised Learning	Dr. S Balasubramanian
Pilaka Manoj Kumar Reddy	Face Verification on Labeled Faces in the Wild using Different Mini Batch Mining Strategies	Dr. S Balasubramanian
Akhil Ganeshpurkar	User Controlled In-Memory Cache Layer	Dr. Srinath M S
Sai Kumar Mungi	Dynamic Detection and Mitigation of Spectre Attacks	Dr. Srinath M S
Sai Prasant Das	Detection and Dynamic Mitigation of Meltdown	Dr. Srinath M S
Gigme Wangchen Lepcha	Evoting using Hyperledger Fabric Blockchain	Dr. Srinath M S
Ashik Rai	Human detection in low resolution thermal image sequences	Sri Srikanth Khanna
Ajay Singh Pawar	AI in sports - Analyzing the run up and delivery action of a fast bowler	Sri Srikanth Khanna