

Research Projects – IT Department

Name of the Faculty	Project Description	Amount Sanctioned	Present Status
Dr S. Ruban	VGST, Govt of Karnataka sponsored KFIST Level (2) project on “Setting up Big Data Lab and Using Analytics to Identify and Manage High-Risk and High-Cost Patients in nearby hospitals”	Rs.40 Lakhs	Ongoing
Dr.S.Ruban	“An Effective model of pattern prediction of Diabetes and Hypertension among the RHTC THUMBAY using Big Data Analytics and Machine Learning” together with Dept of Community Medicine, Father Muller Medical College.	N/A	Ongoing
Dr.S.Ruban	“A predictive model based on pattern study for the diagnosis and prognosis of Malaria, Dengue using Machine Learning and Big Data” together with Dept of Research, Father Muller Medical College.	N/A	Ongoing
Dr.S.Ruban	Big data analytics - Machine learning, Health analytics, Information retrieval - UGC Stride scheme	Rs.1,75,000/-	Ongoing
Dr. Hemalatha N	Major Research Project funded by St. Aloysius College – Project Titled “Genomics, Proteomics and Computational approach for the detection of high efficient microbes in plastic degradation and production of biopolymers”	Rs.2,15,000/-	Ongoing
Mr. Rakesh Kumar	Minor Research Project funded by St. Aloysius College – Project Titled “The Role of HR Analytics : a data science approach to maximize effectiveness and productivity in Higher Educational Institutions of Dakshina Kannada and Udupi District”	Rs 1,15,000/-	Ongoing

Mrs. Suchetha Vijayakumar	Minor Research Project funded by St. Aloysius College – Project Titled “IoT based Smoke Emission Monitoring – A study and analysis based on Volume of traffic in Mangalore city	Rs. 85,000/-	Ongoing
Ms. Nausheeda B.S	UGC Minor research project titled “Cell Nucleus Segmentation of Skin tumor using Image processing”,	Rs. 1,00,000/-	Completed and submitted
Dr. Vincent Mascarenhas	UGC Minor Research Project titled- “OPINION MINING – Root Cause Monitoring of the social systems	Rs. 1,00,000/-	Completed and submitted
Mrs. Suchetha Vijayakumar	VGST , Govt. of Karnataka sponsored project under SPICE(2014-15) titled “Study on Electromagnetic Radiation from cellphone towers and their effects on Animals, Plants and environment”	Rs. 30,000/-	Completed and submitted