Department of Computer Science and Engineering

List of R & D Projects

S. No	Academic Year	Project Title	Project Coordinator	Agency	Scheme	Amount Sanctioned	Remarks
2022-23							
1.	2022-23	AI based Action and Gesture Recognition Framework for Children Diagnosed with Cerebral Palsy	Dr.G.Ramesh & Dr.J.Praveen	MSME	MSME Innovative	15,00,000	On Going
2.	2022-23	A Web-Based OCR for Handwritten Telugu and Tamil Scripts	Dr.Ashlin Deepa	DST	DST	23,98,861	On Going
3.	2022-23	Design and Development of Person Re-identification System Based On Spatial Based Features From Videos Using Artificial Intelligence and Machine Learning Techniques	Dr.G.Charles Babu & Dr.G.Ramesh	Ample Auto Tech Private Ltd	Ample Auto Tech Private Ltd	15,00,000	On Going
4.	2022-23	An OCR based invoice automation system for Supply Chain Management	Dr.Ashlin Deepa& Dr.Chandra Sekhar	Audintel India Pvt Ltd	Audintel India Pvt Ltd	20,00,000	On Going
2021-22							
1.	2021-22	"IoT enabled sanitizer alert system for pre-school kids	Dr.Y.Vijayalata & Dr. Susmitha Valli. G	IEEE	HAC/SIGHT	30,000	On Going
2.	2021-22	Empowering the Future Scientists and Engineers with Technology	Dr.Y.Vijayalata & Dr. Vijaya rama Raju	IEEE	HAC/SIGHT	30,000	2022 COMPLETED

3.	2021-22	Machine learning enabled predictive maintainance system for automotive industry	Dr.K. Butchi Raju &Dr. S. Govinda rao	Ample Auto Tech Private Ltd	Ample Auto Tech Private Ltd	8,20,000	On Going
4.	2021-22	A Predictive Model for energy management system using IoT and big data Processing	Dr. B. sankar Babu & Dr.K. Madhavi	Ample Auto Tech Private Ltd	Ample Auto Tech Private Ltd	6,80,000	On Going
5.	2021-22	Fault Diagnosis of Three Phase Inverter using Artificial Intelligence and Machine Learning	Dr.Sai Hanuman & Dr.B.Phaneendra Babu	InstaSine Power Technologies Pvt. Ltd	InstaSine Power Technologies Pvt. Ltd	10,15,000	On Going
6.	2021-22	Artificial Intelligence (AI) Framework for Autonomous and Electric Vehicles	Dr.G.Ramesh & Dr.J.Praveen	Ample Auto Tech Pvt. Ltd	Ample Auto Tech Pvt. Ltd	10,62,380	On Going
7.	2021-22	Prediction of Mechanical Properties for Fibre Composites using Machine Learning Models	Dr Tanya & Dr Ramesh G	Measure India Pvt Ltd	Measure India Pvt Ltd	5,60,000	On Going
2019-20							
1.	2019-20	Design And Development of Routing Protocols for Cognitive Wireless Sensor Networks Using Neural Networks	Dr.Padmalaya Nayak	JNTU	TEQIP-III	2,75,000	2021 COMPLETED

2.	2019-20	Development of an Effective Mechanism Using Smart Belt/ID Card to Prevent School Children Abduction	Dr. A. Sai Hanuman	JNTU	TEQIP-III	2,75,000	2021 COMPLETED
3.	2019-20	Innovative Protection of Valuable trees (Red Sandel) from Smuggling	Dr.Ch.Mallikarjuna Rao (Co-PI)	JNTU	TEQIP-III	3,00,000	2021 COMPLETED
4.	2019-20	FIST	Dr. G.Ramesh	DST	FIST	99,00,000/-	On Going