PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA
DEPARTMENT OF INFORMATION TECHNOLOGY
Research Projects Sanctioned **By SAGTE**

2022-23
Sanctioned

S.No	PROJECT TITLE	INVESTIGATOR	DESIGNATION/ DEPARTMENT	DURATION OF THE PROJECT	AMOUNT SANCTIONED Rs. (SAGTE) 28.10.2022
1	Wireless Bluetooth Controlled Robot Using Arduino	Dr S.Sai Kumar	Assistant Professor//Dept of IT	12Months	40,000/-
2	Electric Short circuit Detection System using Arduino	Dr.G.Lakshmi	Assistant Professor//Dept of IT	12 Months	30,000/-
3	Indoor IoT Home Automation Application with voice Automation and Operability Integration	MrD.SreenivasaRao	Assistant Professor//Dept of IT	12 Months	40,000/-
4	Plant Moisture Monitoring System	Mrs J.Sirisha	Assistant Professor//Dept of IT	12 Months	30,000/-
5	IoT Based Water Quality Detection	Dr K.Pavan Kumar	Assistant Professor//Dept of IT	12 Months	40,000/-
Total					1,80,000/-

Research Projects Applied /Sanctioned By UGC/AICTE/DST

2022-23
Applied

S.No.	Title of the Project	Principal Investigator	Sponsoring Agency (UGC/ DST/ AICTE/…)	Project Duration / Sanction Date	Cost of the Project Rs	Type of the Project(Major /Minor)	Status
1.	Design and Development of Crop Yield Prediction using Location and weather Data using Artificial Intellignece	Dr S Sai kumar Dr B V Subb Rao	Department of BioTechnology, Ministry of Science and Technology, Government of india.	3 years	Rs. 18,34,000/-	Major	Submitted-21/01/2023
2	Artificial Intelligence DEwatering Mechanism for surface drainage in Paddy fields of Andhra Pradesh	Dr A,Haritha	Department of BioTechnology, Ministry of Science and Technology, Government of india.	3 years	30,25,000/-	Major	Submitted-21/01/2023

3	A Cervical Cancer diagnosis system using a Smartphone , an android app and a predictive model by analyzing cervix image and aceto white region	Dr G Reshma	SERB Power Fellowship		12-15 Lakhs	Grant	Submitted-06/01/2023