

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (Autonomous)
KANURU, VIJAYAWADA
DEPARTMENT OF COMPUTER SCIENCE &
ENGINEERING

Research & Development

Projects Sanctioned: 2015-2016

S. No	Name of the Project	Name of the Faculty	Sanctioning Authority	Duration	Amount Sanctioned Rs.
1	Optimized Routing by Embedding Trust Mechanism in Reactive routing Protocols of MANETS,	Dr. A. Sudhir Babu	UGC	2 Years	Rs. 2,70,000/- (On Going)

Projects Applied: 2015-2016

S. No	Title of the Project	Principal Investigator	Sponsoring Agency (UGC/DST/AICTE/..)	Project Duration / Sanction Date	Cost of the Project(Rs)	Type of he Project (Major / Minor)	Status
1	A system to isolate detect and quantitate engineered nanoparticles and provide secured channel using a Key establishment protocol	Dr. S. Madhavi	UGC	2015	Rs. 5,00,000/-	Minor	
2	To develop and physically implement secured Routing Protocol for Ubiquitous Quantum Sensor Networks using Genetic Algorithm, Teleportation and Quantum Key Distribution	Dr. S. Madhavi	Nano Mission	24-04-2015	Rs. 20,00,000/-	Major	

3	Secured Ubiquitous Quantum Sensor Network Model using Teleportation based Quantum Key Distribution Protocol	Dr. S. Madhavi	Nano Mission	29-04-2015	Rs. 20,00,000/-	Major	
4	A web based tool for the prediction of flu virus sub types and strains using data mining Techniques	Mr. V. Rajesh	UGC	04-08-2015	Rs. 2,00,000/-	Minor	
5	Development of a novel partial volume brain tissue segmentation method based on diffusion tensor MR imaging using multi-class support vector machine classifier	Mrs. CH. Ratna Jyothi	UGC	27-07-2015	Rs. 5,00,000/-	Minor	