



## SRI KRISHNA COLLEGE OF TECHNOLOGY

(An Autonomous Institution | Affiliated to Anna University and Approved by AICTE and NAAC – UGC )

KOVAIPUDUR, COIMBATORE - 641042.

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**2017-2018**

S. No	Title	Amount in Rs.	Funding body	Faculty Involved
1	Design and Development of Polarization Reconfigurable Rectenna for Electromagnetic Energy Harvesting.	12,06,000/-	DST India – BMFWF Austria Project based Personnel Exchange Programme	Dr. R. Maheswar Ms. T. Janani
2	Rectenna for Ambient Energy Scavenging	17,54,895/-	AICTE – MOBROBS	Dr. R. Udaiyakumar Ms. T. Janani
3	Artificial Intelligence Based Methods for Detection and Recovery of Faulty Nodes in Wireless Patient Monitoring System for Healthcare Applications	23,85,000/-	AICTE – RPS	Dr. R. Maheswar Mr. P. Jayarajan
4	Transport of Dissolved Methane Plumes In Groundwater: Experimental And Numerical Investigations	14,90,000 /-	Indo-Iran Joint Project, DST	Dr. M. Devasena Dr. R. Maheswar
5	Sewage Cleaning Mini Dozer And Applications	1,45,000/-	DST	Mr. S. Ganeshprabhu
6	"Center of Excellence in Remote Sensing and Geoinformation System"	-	IIRS/ISRO	Mr. S. Ganeshprabhu



# SRI KRISHNA COLLEGE OF TECHNOLOGY

1 Autonomous Institution | Affiliated to Anna University and Approved by  
and NAAC – UGC )



KOVAIPUDUR, COIMBATORE - 641042.



MENT OF ELECTRONICS AND COMMUNICATION ENG



NG

## PROPOSALS SUBMISSION TO GOVERNMENT FUNDING AGENCIES

**2016-2017**

S. No	Title	Amount in Rs.	Funding body	Faculty Involved
1	Setting up of Business Incubation Center for E-Waste Management System	1,10,00,000/-	Entrepreneurship Development and innovative institute(Government of Tamil Nadu)	Dr. R. Udaiyakumar Dr. R. Maheswar
2	Smart Polling System using Cloud	7,00,000/-	Microsoft Azure	Mr. S. Ganeshprabhu
3	Smart Attendance System using Image Processing Technique with Web of Things(WOT)	20,75,000/-	Scheme for Young Scientists (DST)	Mr. S. Ganeshprabhu
4	Design and Development of a Spiral Antenna for SATCOM and Navigation Systems of Unmanned Marine Vehicles (UMV)*	4,50,000/-	National Design and Research Forum, Bangalore	Dr. R. Vadivelu Ms. T. Janani

## SRI KRISHNA COLLEGE OF TECHNOLOGY

(An Autonomous Institution | Affiliated to Anna University and Approved by AICTE  
and NAAC – UGC )

KOVAIPUDUR, COIMBATORE - 641042.

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### PROPOSALS SUBMISSION TO GOVERNMENT FUNDING AGENCIES

#### 2015-2016

S. No	Title	Amount in Rs.	Funding body	Faculty Involved
1	Automatic detection of Haemorrhages and Microaneurysms in retinal images for the detection of diabetes and hypertensive retinopathy	5,00,000/-	UGC	Dr. V. Vijayakumari & K. Nithya
2	Development of temperature aware online task placement algorithms for partially reconfigurable FPGAs	3,00,000/-	UGC	Senoj Joseph
3	Near Field Based Wireless Power Transfer Using Reconfigurable Rectenna Arrays	5,00,000/-	UGC	R. Vadivelu
4	A Novel approach for Efficient way of Spectrum utilization by Cognitive Radio Technology	4,05,000/-	UGC	U. Venkateshkumar
5	WSN Based Environmental Monitoring System	4,20,000/-	UGC	P. Jayarajan
6	Wireless Sensor Network Technology for Precision Agriculture	5,00,000/-	UGC	G. Anitha