

**MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY**  
MAR IVANIOS VIDYANAGAR, THIRUVANANTHAPURAM

MBT/RPC/Projects/2018-19


22.11.2018

**Office Order**

The list of in-house projects and its budget recommended by the Research Promotion Committee and approved by the Management for the term-1 of the academic year 2018-19 is listed below:

Sl. No.	Investigators	Dept.	Project	Approved Budget (Rs.)				Remarks
				Consumables	Equipments	Manpower	Total	
1	Ms. Sandhya P (PI)	EEE	Solar Powered Water Pumping System using Zeta Converter	30,000	55,000	-	85,000	
2	Ms. Archana A N (PI) Ms. Shilpa Susan Peter	EEE	Vibration Energy Harvesting	25,000	10,000	-	35,000	
3	Dr. Nisha G K (PI) Ms. Jeneena Babu	EEE	Design and Implementation of Control Strategy for Load Sharing and Circulating Current Minimization in Grid Application	6,000	62,000	5,000	73,000	
4	Ms. Sheenu P (PI) Ms. Soumya A V	EEE	Smart Meeting Room	9,000	33,000	-	42,000	
5	Mr. Midhun G (PI)	EEE	SVPWM based Dual Multilevel Inverter fed IM Drive for CMV Elimination	-	60,000	5,000	65,000	
6	Mr. Bobin Saji George (PI) Dr. Rupesh S	ME	Numerical Investigation of Heat Dissipation from an Electronic Component in a Closed Enclosure	-	1,75,000	-	1,75,000	Workstation only
7	Mr. Rajesh T N (PI) Mr. Raveesh G	ME	Mobility Aid for a Paraplegic Patient	10,000	1,20,000	20,000	1,50,000	
8	Mr. Premchand V P (PI)	ME	Experimental and Numerical Investigations on Tremor Suppression for Parkinson Patients using a Dynamic Vibration Absorber	-	61,500	3,500	65,000	
9	Ms. Kiran Baby (PI) Ms. Gayathri K S	CSE	Next-Gen News Experience for Augmented Reality Devices	-	50,000	-	50,000	Mobile phone excluded

10	Ms. Shini Renjith (PI)	CSE	SMART: Social Media Based Recommender for Tourism	15,000	-	8,000(web hosting)	23,000	
11	Ms. Poorna B R (PI) Ms. Jesna Mohan	CSE	Android Based Mobile Application using Fuzzy Logic for Ensuring Safety for Women	5,000	-	-	5,000	
12	Dr. Jisha John (PI) Ms. Aswathy Ravikumar	CSE	Computer Aided Diagnosis of Prostate Cancer	5,000	-	-	5,000	
13	Mr. Binu Jose A (PI) Dr. Tessy Mathew	CSE	Prostate Segmentation from MR Images using CNN	10,000	20,000	-	30,000	
14	Ms. Anjali C (PI) Ms. Devipriya V S	CSE	V- Coach	5,000	-	7,000(web hosting)	12,000	
15	Ms. Deepa P L (PI)	ECE	Brain Tumor Detection from MRI Images using Deep Learning	-	95,000	-	95,000	Workstation only
16	Ms. Athira V (PI) Ms. Riya John	ECE	Study and Development of Face Recognition System for Automated Classroom Attendance	6,000	69,000	-	75,000	
17	Ms. Rintu Johnson (PI) Ms. Anita A	CE	Characterization of Flood Sediments	10,000	10,000 (Lab Accessories) 5,000 (Travel) 45,000(Testing)	5,000	75,000	
18	Ms. Anupama Krishnan (PI) Prof. P N Mohan	CE	Correlation of Resilient Modulus and Marshall Stability Value of Bituminous Mixes	25,000	25,000	5,000	55,000	
19	Ms. Parvathy U (PI) Ms. Vinduja Vijayan	CE	Mechanical Behaviour of ECC Encased Steel Composite Columns	30,000	10,000(Lab Accessories) 5,000 (Travel) 15,000(Testing)	10,000	70,000	

  
Principal

Copy to : Bursar, Asst Bursar, HoDs, Asst Dean(R&D),PIs, file.