

MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY
THIRUVANANTHAPURAM

MBT/R&D/Int Project/2017

30 Nov 2017

Office Order

Approval has been granted to the following in-house R&D projects, recommended by the MBCET Research Promotion Committee. Guidelines for the execution of the project are attached.


Principal

Sl. No.	Project	Dept.	Investigators	Duration (months)	Amount (Rs.)
1	Investigations on Coconut Shell Modified Interlocking Concrete Paver Blocks	CE	Ms. Ann George (PI) Ms. Athira I C	16	55,000/-
2	Decentralized Waste water Treatment using Subsurface Flow Constructed Wetlands: An Eco-San Approach	CE	Ms. Jaya S Pillai (PI)	16	90,000/-
3	Dynamic Response on Buildings Considering the Flexibility of Soil	CE	Dr. Jisha S V (PI)	18	10,000/-
4	Experimental and Numerical Investigation of Flow Past a Cylinder	ME	Dr. K Muraleedharan Nair (PI) Mr. Vinod V (Jr.)	12	95,000/-
5	Portable River Water Filtering System	ME	Mr. Kedar Mohan (PI) Ms. Nidhi M B	18	72,000/-
6	Performance and Emission Analysis of SI Engine with Nano Fuel Additives	ME	Mr. Vishnu Prasad K R (PI) Mr. Deepak B	5	62,600/-

7	Experimental Investigation on Sloshing Behavior of Fluid in Various Tank Geometry	ME	Ms. Ruby Maria Syriac (PI) Mr. Unnikrishnan Nair	12	2,40,000/-
8	Network Vulnerability Analysis	CSE	Ms. Gayathri K S (PI)	12	4,59,528/-
9	Video based Sentiment Analysis	CSE	Ms. Jayalekshmi J (PI)	12	
10	Low Cost Virtual Reality device and Educational Application for Disabled students.	CSE	Ms. Merin Kuriokose (PI) Ms. Aswathy Ravikumar	12	
11	Weather Prediction Model Using Deep Learning Technique	CSE	Ms. Tessy Mathew (PI)	12	
12	An automated system for Geriatric Care	CSE	Divya R S (PI)	12	
13	Study on Development of Textile Sensors	ECE	Ms. Teena Rajan (PI) Mr. Priyadarsan U S	12	50,111/-
14	Implementation of Optical OFDM System	ECE	Ms. Anu Anna John (PI) Ms. Swapna P S	12	1,00,000/-
15	Implementation of Wireless Communication System of FPGA	ECE	Mr. Shiras S N (PI) Ms. Ancy Joy	12	1,00,000/-
16	Optical Tuning of PID Controller for a Second Order System	EEE	Ms. Elizabeth Varghese (PI) Ms. Anu Gopinath	12	40,000/-
17	Speed and Position Control System of DC Service Motor	EEE	Ms. Shyju Susan Mathew (PI) Ms. Keerthi S Nair	12	55,000/-

21/11/2017