

RESEARCH SEED-MONEY GRANT(FRSG) 2020-21

SL. NO	TITLE OF THE RESEARCH PROPOSAL	NAME OF THE INVESTIGATORS	DEPT	Amount Sanctioned Rs.
1	Implementation of an optimized end to end deep learning algorithm for Parkinson's disease detection from MRI images	Ms. Ambily Francis & Dr. Caren Babu	ECE	80,000
2	Design and Development of a dual source e-rickshaw for Indian roads	Mr.Shimin V V & Dr. Vijikala V	EEE	80,000
3	Design and Development of a Module level DC optimizer with partial power topology	Mr. Sebin davis K & Ms. Ashna Mohan	EEE	80,000
4	An Efficient Architecture design for accelerating 3D CNNs on FPGAs for real-time applications	Ms. Vidyamol K Ms Jisha Jacob Ms Chinchu Jose	ECE	1,50,000
5	FPGA Implementation of Deep Learning Networks for Automated Cancer detection	Ms. Binet Rose Devassy & Mr.Santhosh Kumar	ECE	1,50,000
6	Performance enhancement of IOT application using FOG computing technique	Ms.Anju Babu, Mr Saran K B & Mr Deepak Joseph	ECE	47,500
7	Effect of GGBFS and copper slag on durability and flexural behaviour of self-compacting concrete	Mr. Akhil S Nair & Ms Aiswarya M S	CE	82,500
8	Development of a high performance concrete prepared with partial replacement with cupola furnace slag from molten scrap metal and copper slag with focus on strength and durability	Ms.Remya P M & Mr. Ciby Jacob Cherian	CE	88,300
9	Predicting malnutrition by measuring the quality of water through Deep learning	Mr.Scaria Alex, Uma E S and Ms.Princy T D	CS	26,000

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10	Paddy leaf disease detection and identification using computer vision	Ms.Jasmy Davies & Ms.Megha K K	CS	1,67,000
11	Query Soft : A Personalized Query Software	Ms.Livya George & Dr. Rajeswari M	CS	10,000
12	Heart and lung sound acquisition using 3D printed digital stethoscope and synchronous separation using feed forward non-linear networks for automated diagnosis	Dr.Finto Raphael & Dr.Remya George	BM	94,000