

The following are the research equipment under research groups.

http://www.gmr.it.org/Research_Labs.html

S.NO.	EQUIPMENT DETAILS	AMOUNT (Lakhs)	PURPOSE
1.	POD testing Equipment	15	Tribological Studies
2.	Wire Cut EDM Machine	25	Micro Machining Studies
3.	Sinker EDM Machine	12	Micro Machining Studies
4	Concrete Crusher (order in process)	5	Crushing used concrete
5	Sputtering Machine	20	Nano Coatings
6	UTM	12	Strength Testing
7	OPAL-RT	60	Hardware in loop testing
8	CADENCE	15	Chip Level Design
9	MATLAB & SIMULINK	10	Simulation
10	Vivado software	5	FPGA based embedded system development
11	FEA software (ANSYS)	5	Design evaluation studies
12	3D Modeling software	5	Design
13	NI Rio boards	20	Embedded system development

List of Funded Research Projects

Academic Year	Name of the Project	Name of the Funding agency	Name of the Principal Investigator/ Co Investigator (if applicable)	Amount fo Grant Sanctioned (INR in lakhs)
2019-20	Advanced Cementitious Laboratory	DST	Dr CLVRSV Prasad,Dr P Bharani Chandra Kumar,Dr. J. Raja Murugadoss,Dr.PNL. Pavani	159.54
2019-20	Virtual Cloud Networking Lab	AICTE - MODROBS	Dr. J. Raja Murugadoss	15
2018-19	FIST	AICTE - MODROBS	Dr. A. V. Ramana	18
2017-18	Design and Development of a prototype wearable spectacle device to extract text from image documents and converting text to speech for visually challenged	DST	Dr CLVRSV Prasad,Dr P Bharani Chandra Kumar	100
2017-18	An Automated Assembly Sequence Planning System to solve Parallel and Linear Assemblies	DST	Dr. V. Sreeram Murthy, Dr. S Sgantayat ,Mr B Anil Kumar	34.64
2017-18	Control Oriented Air-breathing Scramjet Engine Propulsion System Model for TSTO mission	DST	Dr M.V.A.Raju Bhubalendruni	21.84
2016-17	A programme to create awareness on Health & Nutrition for woman &child	ISRO	Dr P Bharani Chandra Kumar	17.04
2016-17	A Study on Cosmological Models with Cosmic Sting and Bulk Viscosity	DST	Dr. G. Manmadha Rao,S. Sri Durga Kameswari	17
2016-17	Synthesis Characterization and Photo luminascence Studies	UGC	Dr. B. Satyannarayana	3.31
2016-17	Advanced Thermal Engineering Laboratory	UGC	Mr B Nagamani Naidu	1.7
2015-16	Advanced Cementitious Laboratory	AICTE - MODROBS	Dr.V.Rambabu	15.88