



Approved By AICTE & Directorate of Technical Education Kerala. | Affiliated to APJKTU University.

3.1.3 FUNDED PROJECTS

Academic Year	No: of Projects	Type	
		Government	Non Government
2023-2024	9	8	1


Co-ordinator


Principal



विश्वं शान्तेः कल्पितम्।

Contact Info
Mangalam Campus,
Mangalam Hills,
Vettimukal P.O.,
Kottayam, Kerala - 686 631

📞 General Enquiry
+91 481 2710120
+91 481 2537053
+91 481 2533711
📠 +91 481 2533700

👤 Admission Helpline
+91 98950 10120
📧 info@mangalam.in
🌐 www.mangalam.ac.in





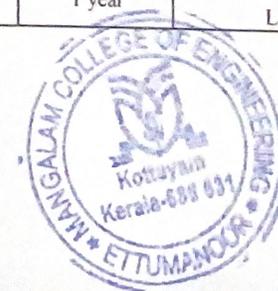
Internal Quality Assurance Cell (IQAC)

MANGALAM COLLEGE OF ENGINEERING

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.3 Number of departments having Research projects funded by government and non government agencies during the year

SL No:	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
1	Study On Strength, Durability And Thermal Performance Of A Novel Lightweight Concrete Block Made With Cenosphere, Metakaolin And Coal Bottom Ash Aggregate.	Dr. Ramesh Kumar D [PI], Mr. Sankar B [Co-PI]	Civil Engineering	2024	34,000	1 Year	APJKTU, CERD	Government
2	Investigation On Feasibility Of Utilizing Coffee-Husk Ash As An Alkaline Activator In Geopolymer Concrete	Dr. K. Arunkumar [PI], Dr. Ramesh Kumar D [Co-PI]	Civil Engineering	2024	34,240	2 Year	APJKTU, CERD	Government
3	High-Volume Fly Ash Concrete Modified With Metakaolin- A Study On Strength, Durability, Correlation And Predictive Modelling.	Dr. P Swaminathan [PI], Mr. Sankar B [Co-PI]	Civil Engineering	2024	31,450	3 Year	APJKTU, CERD	Government
4	Fire Extinguisher using IOT	Dr. C Sahaya Kingsly/Ms.Athira S Nath	Computer Science & Engineering	2024	26000	1 year	APJKTU, CERD	Government
5	A Humanoid Robot for Visually Impaired People	Dr.S Padmalal/Ms.Neethu Maria John	Computer Science & Engineering	2024	25000	1 year	APJKTU, CERD	Government
6	AR Learning Aid for Dyslexic users	Ms.Roja Thomas	Computer Science & Engineering	2024	100000	1 year	Freston Analytics Pvt. Ltd	Non Government



SL No:	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)
7	Synthesis of graphite nanoplatelets decorate with spinel ferrite materials by using various surfactants on CF/GF composites for EMI shielding [CRG/2022/003429]	Dr. Manuel George [PI]	Mechanical Engineering	2023	5,37,858	3 year	DST-SERB	Government
8	Two wheeler puncture assisting Trolley	Dr.Pratheesh K[PI] & Mr.Santhu Varghese[CI]	Mechanical Engineering	2024	27390	1 year	APIAKTU-CERD	Government
9	Synthesis of graphite nanoplatelets decorate with spinel ferrite materials by using various surfactants on CF/GF composites for EMI shielding [CRG/2022/003429]	Prof. Dr. P. P. George [Co-PI]	Basic Science and Humanites	2023	5,37,858	3 year	DST-SERB	Government

