

**Dr. Mahalingam College of Engineering and Technology, Pollachi -03
(An Autonomous Institution)**

Office of Dean Research & Innovation

In-house R&D Details

Academic year	Number of projects sanctioned	Seed Money Provided (in Rs.)
2017- 2019	17	13,91,000
2019- April 2024	14	15,95,500
Total	31	29,86,500

In-House R&D (June 2019-April 2024)

April 2024

S.No.	Name of the teacher provided with seed money	Title of the Project	Seed Money Provided (in Rs)	Duration	Year of receiving
1.	Mr. S. Syed Masoodhu	Hydraulic Performance of Geosynthetic Clay Liner with Modified Clay by Polymeric Hydrogels	1,10,000	1 year	2022-23
2.	Dr.A.Noble Mary Juliet	Web/Mobile Application for Multi modal Mark entry and Hall booking service automation	1,15,000	1.5 years	2022-23
3.	Mr.K.R.Gokul Anand	Customized Cultivation using Smart Aeroponics System	1,04,500	1 year	2022-23
4.	Dr.K.Rameshkumar	Design and Development of Solar Photovoltaic fed Electric Vehicle Charging Station with Improved Power Quality using Virtual Active Power Filter	1,15,000	2 years	2022-23

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5.	Mr.M.Gideon Ganesh	Design and fabrication of polymer-based 3D printing	1,10,000	1 year	2022-23
6.	Dr.T.Ramkumar	Design and Development of PCM-Nano Composite for Solar Water Heater Application	1,15,000	1 year	2022-23
7.	Mr.C.Radhakrishnan	Experimental Investigation of Bio-oil Produced from continuous Flash Pyrolysis of Biomasses	1,10,000	2 years	2022-23
8.	Dr.A.Shanmugapriya	Synthesis and anticancer activity of binuclear Ni(II) & Pd(II) complexes	1,07,600	1.5 Years	2022-23
9.	Dr.J.Johnson William	Microwave Engineering of Binary Metal Compounds and its carbon composites as Electrode Materials for Energy Storage and Photocatalytic Applications	1,15,000	1 year	2022-23
10.	Dr.M.Mariyappan	Silver Nanoparticles Embedded Rare Earth Doped Borophosphate Glasses for Lasers, Wleds and Amplifiers	1,14,400	1 year	2022-23
11.	Dr.S.Ponni@Sathya	Work smart at villages	70,000	1 year	2021-22

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12.	Dr.K.Umamaheshwari	Brain frequency controlled handicapWheelchair	31,000	6 months	2021-22
13.	Dr.Rama Thirumurugan	Coconut Husk pre Crushing machine	2,82,000	1 year	2020-21
14.	Mr.P.Kathirvel	Lifesaving Mobility	96,000	6 months	2019-20