

HINDUSTHAN INSTITUTE OF TECHNOLOGY- COIMBATORE-32

Short listed SEED Money Project 2023-2024

S.No.	Name of the Department	Project Title	Name of the Principle Investigator	Name of the Co-Investigator	Amount
1	AERO	Design and Development of Demonstrative Prototype for Thermoacoustic Energy Conversion	Mr.M.Moses Devaprasanna Assistant Professor	Mr.V.Ganesan Assistant Professor	130000
2	MECH	Experimental analysis and Training on Various materials in 3D Printer	Mr. J. Dixon Jim Joseph Assistant Professor	Mr.M.Viswanath Assistant Professor	150000
3		Design, Development and Analysis of Emission Control Chamber Towards CO2 Recovery	Mr.R. Selvendran Associate Professor	Mr.K V Ganesh Kumar Assistant Professor	150000
4	CSE	Monitoring the Progress of Labour from Remote area using Medical IoT	Dr.D.Jayasutha Assistant Professor	—	150000
5		Robotic Companies in Healthcare: Investigate the role of Humanoid Robots in Augmenting Patient Well being	Dr.R.Senthilkumar Assistant Professor	Mr.M.Devendran Assistant Professor	175000
6	S & H	ZnO nanoparticles-based tubular reactor for dye wastewater degradation under sunlight	Dr.V. Anbumannan Assistant Professor	—	150000
7		Preparation and Characterization of a Chitosan Modified Composite for Photocatalytic Degradation of Industrial Wastewater	Dr.P.Saraswathi Associate Professor	—	150000
8		A Facile Approach to Synthesize Metal Decorated Multi Walled Carbon Nano Tubes	Mrs.J.Shoba Assistant Professor	Dr.K.Sakthivel Professor	150000

*Beating
10/10/24*

9	ECE	Solar Powered Napkin Dispenser for Rural Government Girls School	Dr.S.Kavitha Professor	Mr.K R Kannan Assistant Professor	150000
10		ACL Injury Smart Indicator Using IoT for Athletes	Mr.A.Abdul Hayum Assistant Professor	Mr.A.Vidhyasekar Mr.R.Karuppusamy Assistant Professor	160000
11		Low Cost Novel Solar Chargers	Mrs. S.Kowsalya Assistant Professor	—	150000
12		Low Cost hand held Reading and Writng Device for Visually Impaired People.	Mrs.K.Kalpana Associate Professor	—	170000
13		Multifunctional Smart Robot for Military Applications	Mr.R.Karuppusamy Assistant Professor	Mr.A.Vidhyasekar Mr.A.Abdul Hayum Assistant Professor	150000
14		Improvement of Monitoring and Regulatory system for Cardiorespiratory signals using sensors and IoT based Technique.	Dr.K.Mahendran Associate Professor	Dr.A.Purushothaman Associate Professor	150000
		Total			


RESEARCH COORDINATOR
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