

**HINDUSTHAN INSTITUTE OF TECHNOLOGY, COIMBATORE-32****RESEARCH PROPOSAL****SEED MONEY SCHEME-2022-23****Selected list**

S NO	DEPT	NAME OF THE PI & CO-PI	TITLE OF THE PROPOSAL	AMOUNT In Rs
1.	AERO	Dr.K.P.Dhanabalakrishnan Mr.M.Moses Devaprasanna	Design and Development of Low attitude medium Endurance hybrid Unmanned Aerial Vehicle	200000
2.		Dr.Arunprakash Mr.V.Ganesan	Design and Development of Air Pump-Driven Shock Tube	100000
3.	MECH	Mr.M.Viswanath Mr.S.Suresh	Generation of Electricity from Producer GAS	150000
4.	S&H	Mrs.J.Shoba	Fabrication of Electrode Material for a super capacitor	200000
5.	IT	Mrs.G.Kavipriya Mr.B.Manikandan	Intelligent IOT enabled pipeline leakage detection and monitoring system using machine learning algorithm	150000
6.	CSE	Mrs.R.Gnanakumari Mrs.S.Saranya	Stroke Disease Prediction using Deep learning model CNN and Bidirectional LSTM.	150000
7.		Mr.K.Murugan	IOT Empowered Automatic Solar Grass Cutter machine.	150000
8.		Mrs.M.Banupriya Ms.C.E.Rajaprabha	IoT based smart Crop Protection System for Agriculture.	190000
9.		Dr.S.Ramasamy	Premature Finding and Analysis of Multi Disease from Healthcare Big Data in Cloud Environment Exhausting Amalgam Deep Learning Technique.	100000

10	CSE	Ms.D.Vidhya	AI -based localization and classification of skin disease with erythema.	185000
11	ECE	Mr.K.R.Kannan Dr.S.Kavitha	An Efficient Online Token/Ticket Vending System.	150000
12		Ms.A.S.Narmadha Mrs.S.Suganya	To develop a self-defense Foot device for Safety applications.	150000
13		Dr.A.Purushothaman Dr.K.Mahendran	To design a self Defense smart Device for child security monitoring system using IoT system.	150000
14		Ms.S.Ramya Ms.S.Brindha	Design and Implementation of compact UWB – WBAN microwave antenna for Early Breast Cancer Detection.	200000
15	MBA	Dr.K.Bharath	New pedagogy on awareness towards digital marketing among the Rural Women Self-Help Group with special reference to Madukkarai block, Coimbatore.	100000
<b>Total</b> <b>( Twenty Three Lakhs Twenty Five Thousand Only)</b>				<b>2325000</b>

*B. Paulchamy 21-11-2022*  
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