

HINDUSTHAN INSTITUTE OF TECHNOLOGY, COIMBATORE-32**RESEARCH PROPOSAL****SEED MONEY SCHEME-2025-26****Selected list**

S. No.	DEPT	NAME OF PI & CO PI	TITLE OF THE PROPOSAL	AMOUNT IN RS.
1	AERO	Dr.J.Abuthakir Dr.R.Thirumalai	Development of Epoxy- Based Composite for Aircraft Wing Application	1,00,000
2	CSE	Mr.K.Murugan Dr.N.B.Mahesh kumar	AI-enabled IoT system with explicit Chew mechanism for Smart Waste management in Sustainable Smart Cities	1,49,600
3		Ms.J.Pavithra Mr.S.Jayaprakash Mr.A.Ganesan	Color-Coded Alarm Architecture for Continuous Patient Monitoring Using Edge Computing	1,99,000
4		Mr.S.Sathish Kumar Ms.R.Kaviya	A Portable Edge based Aim System for Real- Time Teaching Quality analytics and Autonomous academic work flow automation	1,30,000
5		Dr.R.Senthil Kumar Mr.M.Devendiran	IoT-Enabled Smart Glass Reading Assistant for Visually Impaired Persons	1,57,000
6		Ms.V.Priyanka Ms A.Praveena	Smart Dog Attack Prevention and Alert System for public Safety Using IOT and Computer Vision	1,10,000
7	MECH	Mr.S.Mathivanan Mr.K.V.Ganeshkumar	Design and Development of IoT Enabled Heat Pump Assisted Fully Automated Poultry Incubator	1,80,000
8	S&H	Dr.P.Jayachitra Dr.S.Jeyabharathi	Enhancing IoT Performance through Markovian Queueing Models under N-Policy	1,00,000
9	ECE	Dr.A.Purushothaman Dr.K.Mahendran	IoT-Enabled Multi-Fault Detection and Autonomous Fire Suppression System for EV Battery Safety	1,30,000
10		Dr.C.Kalamani Dr.D.Jeyakumari	IoT-Based Integrated Accident Monitoring and Emergency Communication System	1,60,000

11		Mr.A.Abdul Hayum Mr.R.Karuppusamy	Smart Power Line Fault Detection and Alert System	1,80,000
12	IT	Dr.A.V.Santhosh Babu Mrs.S.Haripriya	An Advanced Smart Helmet for Detecting Alcohol Using Industrial Internet of Things	1,25,000
13		Mrs.G.Kavipriya Mr.B.Manikandan	Smart EMG Monitoring System for Knee Joint Disorders	1,50,000
14		Mrs.M.Saranya Mrs.K.Suganya	An Efficient Visual Mining with Improved Techniques of Deep Multi View Clustering for fraud detection applications	1,00,000
Total (Nineteen Lakhs Seventy Thousand Six Hundred Only)				19,70,600

B. Paulchamy 29.12.2025
RESEARCH COORDINATOR

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