

HINDUSTHAN INSTITUTE OF TECHNOLOGY, COIMBATORE-32

RESEARCH PROPOSAL

SEED MONEY SCHEME-2024-25

Selected list

S NO	DEPT	NAME OF THE PI & CO-PI	TITLE OF THE PROPOSAL	AMOUNT In Rs
1.	MECH	Mr.K.Vigneshwaran Mr.S.Udhayakumar	Next-Generation Drainage Cleaning Equipment Conceptualization, Design and Prototyping	200000
2.	CSE	Mrs.N.Abinaya Mrs.P.Rathika	Smart Agri-Drone System for Targeted Coconut Disease Detection and Optimized Spraying	170000
3.		Mrs.D.Suganthi	Smart and Sustainable Waste Management System with IoT Sensors	160000
4.	IT	Mr.D.Vimal Kumar	Automatic Vehicle Speed Control System and Path Creation for Emergency Vehicle in Traffic Congested Signal.	120000
5.		Mr.P.Pandiyarajan Mrs.V.Umashankari Mr.S.Karthickkumar	AI and IoT- Enhanced Drug Detection System with Integrated Alert Messaging.	140000
6.	S & H	Dr.P.Lalitha Dr.D.Prakash	Investigate the Effects of Ion Beam Irradiation on Amino Acid Single Crystals for Nonlinear Optical Applications.	130000
7.		Dr.V.Prabhu	Tabernaemontana Alternifolia's Potent Punch: Unveiling the Cytotoxic Poerof Indole Alkaloids.	120000
8.		Mr.M.Moses Deveprasanna Mr.V.Ganesan	Hydrogen as a Sustainable Agent for NO _x Emission Reduction in CI Engines.	200000

9.	AERO	Mr.N.Maheswaran Mr.M.Harish	Structural Optimization of Aircraft Nose Landing Gear Components by Using Additive Manufacturing.	170000
10	ECE	Mrs.T.Sivamani	Development of Web Application for Organic Farming.	180000
11		Mrs.A.Roopasree	IoT Based ICU Patient Monitoring System.	150000
12	IT	Mrs.K.Suganya	Neuro – Acoustic feedback Control Systems for Cognitive state Regulation and Behavioral Optimization.	150000
13		Dr.M.Durai Pandian	Public Health Chabot using AI driven Approach.	163000
14	MBA	Dr.S.Elango Mr.J.Rupesh	Managerial; Adoption of Algorithms Based Design Technologies and its Impact on Customer Retention in Customized EMI Financing.	150000
15		Dr.R.Ayyamperumal	Examining the Influence of managerial Technology Adaption on Decision Velocity and EMI Structuring Effectiveness in Consumer Finance Organizations.	120000
16		Mr.P.Muthuraja	Effectiveness of Performance Appraisal Systems in Modern Organizations.	100000
Total (Twenty Four Lakhs Twenty Three Thousand Only)				2423000


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