

HINDUSTHAN INSTITUTE OF TECHNOLOGY, COIMBATORE-32

RESEARCH SEED MONEY PROPOSAL SELECTED LIST

Academic Year 2021-22

SNO	DEPT	NAME OF THE PI & CO-PI	TITLE OF THE PROPOSAL	AMOUNT In Rs
1.	CSE	Ms.R.Subhalakshmi	Automatic Segmentation and Classification of Covid-19 Ct Image Using Dual Branch Combination Network (DCN).	2,04,000
2.		Mr.R.Arun	Brain Tumor Detection Using Deep Convolutional Neural Network and Its Applications Using FPGA Implementation.	2,00,000
3.		Mr.R.Senthikumar	Intelligent Support System for Diagnosis Of Covid-19 and Captioning Of X-Ray Images Using LSTM and RNN with Explainability.	2,35,000
4.	IT	Mr.B.Manikandan	Machine Learning based data analytics for IoT enabled Industry Automation.	1,00,000
5.	ECE	Mr.B.Hakkem	To design a Self Defense Smart Device for Women's Safety from Abusing and Harassment.	2,00,000
6.		Dr.S.Chinnapparaj Mr.A.Abdul Hayum	Designing of IOT based Health Monitoring and Fall Detection System for Old People.	2,20,000
7.	AERO	Mr.J.Arunprakash Mr.V.Ganesan	Design and Development of Hybrid Outdoor Air Purifier Unit.	1,50,000
8.		Mr.M.S.Prabhu	Design and Development of a Small scale Thrust Test Stand for Rocket motor and Propeller	1,50,000
9.	MECH	Mr.A.Jeevarathinam Mr.K.V.Ganeshkuma	Wind Power Generator setup to Improve Range in Electric Vehicles.	2,00,000
10.		Mr.N.Dinesh Mr.S.Mathivanan	Electro Motorized Mechanical Stirrer Arrangement for Induction Furnace with Die setup.	2,00,000
11.	PHARMA	Mrs.J.Esther Hellan Prasanna	Ecofriendly Pharmaceutical Packing Material for Laundry and Catheter Bags.	1,50,000
12.	MBA	Mrs.M.Saravana Priya	Awareness level of Hospital Management System among Health Care Workers of Government Hospitals of Coimbatore DT.	1,00,000
Total				21,09,000



C.N.
PRINCIPAL

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