

HINDUSTHAN INSTITUTE OF TECHNOLOGY, COIMBATORE-32
RESEARCH PROPOSAL
SEED MONEY SCHEME-2021-22

Selected list

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).	1,95,000
2.		Mr.R.Arun	Brain Tumor Detection Using Deep Convolutional Neural Network and Its Applications Using FPGA Implementation.	1,98,000
3.		Mr.R.Senthikumar	Intelligent Support System for Diagnosis Of Covid-19 and Captioning Of X-Ray Images Using LSTM and RNN with Explainability.	1,40,000
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.	1,80,000
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.Ganeshkumar	Wind Power Generator setup to Improve Range in Electric Vehicles.	2,00,000
10.	PHARMA	Mrs.J.Esther Hellan Prasanna	Ecofriendly Pharmaceutical Packing Material for Laundry and Catheter Bags.	1,50,000
11.	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 (Seventeen Lakhs Sixty Three Thousand Only)				17,63,000

B. Subramanyam 15.12.2021.
RESEARCH COORDINATOR
DR. B. PAULCHAMY, M.E., Ph.D.,
 Professor & Head
 Department of ECE
 Hindusthan Institute of Technology
 Coimbatore - 641 032.

C. Natarajan 15.12.21
PRINCIPAL
Dr. C. Natarajan, ME.Ph.D.,
PRINCIPAL
 Hindusthan Institute of Technology
 Coimbatore - 641 032