



SIDDHARTHA

ACADEMY OF HIGHER EDUCATION

DEEMED TO BE UNIVERSITY

(Under Section 3 of UGC Act, 1956)
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Sanctioned Seed Grant for the A.Y 2023-24

Sl.No	Phase	Approved Seed Grant
1	I	7,90,000
2	II	4,47,000
Total		12,37,000

Phase I

	Dept	Faculty	Proposed Project	Total Grant (Rs.)	First Instalment / Total Grant (Rs.)
1	CSE	N. Krishna Santosh, Asst. Prof.(CSE) Dr. Y. Srinivas Reddy, M. S. (Opthal)	A Novel Primary Glaucoma Screening Using A Mathematical Theory-Based Deep Learning Model	70,000/-	40,000/-
2	CE	Ch. Rama Vara Prasad, Asst. Prof. (CE)	Preliminary GIS-Based Modelling of Rainfall Induced Landslide susceptibility in Hilly Regions of Andhra Pradesh, India	1,10,000/-	1,10,000/-
3	IT	Dr.Y. Sangeetha, Asso. Prof. (IT)	Revolutionizing Healthcare with IOT: Integrated monitoring of Lipid profile, Blood pressure, Glucose levels, ECG and BMI	60,000/-	40,000/-
4	IT	Dr. C. S. Pavan Kumar, Asst. Prof. (IT)	IoT – Driven Bovine Vitalis: Analyzing Cattle Health Through Advanced Analytics	90,000/-	90,000/-
5	IT	Dr. K. Sita Kumari, Assoc. Prof. (IT)	Seamless Fare Payment and Verification Automation in Buses through IoT Integration.	45,000/-	25,000/-
6	ECE	Dr. G. Kishore Kumar, Asst. Prof. (ECE)	Design and Development of an Energy-Efficient VLSI Architecture for Classifying Arrhythmia for Wearable ECG monitoring Devices	30,000/-	30,000/-
7	ECE	Md Ahsan Halimi,	Design Development and Characterization	95,000/-	50,000/-

		Asst. Prof. (ECE)	of Efficient Rectennas for RF Energy Harvesting for low power smart devices		
8	EEE	Dr. Gummadi Srinivasa Rao, Assoc. Prof. (EEE) & Dr. A. Ramadevi, Prof. (EEE)	Hybrid Convertible bed	1,50,000/-	1,50,000/-
9	EEE	Dr. A. Ramadevi, Prof. (EEE) & Dr. B. Venkateswara rao, Assoc. Prof. (EEE)	Multipurpose rock –bottom compact machinery for agriculture sector	1,40,000/-	1,40,000/-

Phase II

S.No	Dept	Faculty	Proposed Project	Total Grant (Rs.)	First Instalment / Total Grant (Rs.)
1	CE	Dr. Vinay Kumar Gaddam , Assoc. Prof., CE & Dr. Syed Fazal Rahiman Khadri, Prof., CE	Estimation of ice loss from glaciers in the Himalaya using Remote Sensing based Geodetic methods and GIS techniques	2,00,000/-	1,50,000/-
2	IT	Dr. G. Jaya Lakshmi, Sr. Asst. Prof. , IT & Dr. G. V. Rama Subba Rao, Assoc. Prof., CE	Web Applications of Paddy Crop Monitoring System Using IoT.	42,000/-	35,000/-
3	IT	Dr. N. Neelima, Asst. Prof. , IT	Mobile Enabled Audio & Video based smart door control using IoT.	35,000/-	35,000/-
4	EIE	Sankalp Paliwal, Asst. Prof. , EIE	Design and Fabrication of Wearable Blood Pressure Sensor.	1,70,000/-	40,000/-