



SIDDHARTHA
ACADEMY OF HIGHER EDUCATION
DEEMED TO BE UNIVERSITY

(Under Section 3 of UGC Act, 1956)
Kanuru, Vijayawada - 520 007, AP. www.vrsiddhartha.ac.in

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Sanctioned Seed Grant for the A.Y 2022-23

Sl.No	Phase	Approved Seed Grant
1	I	6,09,017
2	II	3,00,900
Total		9,09,917

Phase I

S.No	Dept	Principal Investigator (PI) & CO-PI	Proposed Project	Total Grant Sanctioned (Rs.)	Amount Rs.
1	CSE	Dr.Ashuthosh Satapathy (Asst. Prof)	An Intelligent Virtual Class room Framework for Monitoring Behaviour of Students Using Deep Learning Techniques	1,98,117	99,058
2	CSE	Dr.K.L.Sailaja (Asst. Prof) Dr. P.Ramesh Kumar (Sr.Asst.Prof)	Estimation and Analysis of Landslide Occurrence by Combining Geological and Atmospherically Study Using U-Net Model		99,059
3	ECE	Dr.Priyanka Das (Asst.Prof)	Design and development of shared aperture dual band microstrip patch antenna for sub-6 (5G) applications	2,00,000	1,36,000
4	CE	Dr.S.R.R.Teja Prathipati (Asst. Prof) Dr. Hanuma Kasagani (Asst.Prof)	Development of a mix design for a sustainable 3D printable Concrete Technology	52,900	25,000
5	ME & EIE	Dr.G.Dilli Babu (Asso. Prof) Dr. A.Sumalatha (Asst.Prof)	Design and development of PLC based Multi-task Automated Manufacturing Centres	1,58,000	1,00,000

Phase II

S.No	Dept	Name of the Faculty	Proposed Project	Total Grant Sanctioned (Rs.)	1 st Instalment (Rs.)
1	CSE	Dr. Ch. Rupa, (Prof)	Intruder Detection System using UAV based Ornithopter	75,000/-	53,000/-
2	CSE	Dr. M. Sobhana, (Sr. Asst. Prof)	AI enabled accident black spot alerting mobile application to enhance road safety	37,400/-	21,400/-
3	ECE	Dr. J. Sateesh, (Asst. Prof)	AI Powered Glucose Monitoring and Controlling systems	98,500/-	51,500/-
4	ECE	Ch. Raghavendra, (Asst. Prof) Dr. A. Jhansi rani, (Prof.)	Design and development of wideband Dielectric Resonator Antenna for sub-6GHz (5G) applications	50,000/-	20,000/-
5	CE	N. Malathi, (Asst. Prof)	Crop monitoring using IoT Sensors and drone technology	40,000/-	40,000/-