



# SIDDHARTHA

## ACADEMY OF HIGHER EDUCATION

An Institution Deemed to be University

(Under Section 3 of UGC Act, 1956)

Kanuru, Vijayawada - 520 007, AP. [www.siddhartha.edu.in](http://www.siddhartha.edu.in)

(Sponsors : Siddhartha Academy of General and Technical Education)

### Research Grants for the Academic Year: 2025-26

Sl. No.	Dept	Name of the Principal Investigator/ Co-Investigator	Department of the Principal Investigator	Title of the Research Project	Name of the Funding Agency	Type (Government /Non-Government)	Funds provided (INR in lakhs)	Month and Year of receiving the grant	Duration of the Project
1	CSE	Dr G. Anuradha	CSE	AI Enabled framework for Monitoring Salinity Effected soils in Coastal Andhra Pradesh using Remote sensing data and Deep learning Algorithms ANRF/IRG/2024/000996/ENS	ANRF IRG	Govt.	20,10,948	05-07-2025	3 Yrs.
2	ECE	Dr. Moirangthem Santosh Kumar Singh	ECE	Implementation of Characteristic Mode Analysis in Designing Miniaturized Implantable Antenna for Biomedical Applications & ANRF/IRG/2024/000425/ENS	ANRF Under Inclusivity Research Grant scheme	Govt	56,81,000	05-07-2025	3 Years
3	IT	Dr. Y. Sandeep	IT	Health care System Development	United IT Technical PVT LTD., Hyd,	Industry	7,20,000	4-08-2025	3 Years
4	IT	Dr. S. Suhasini	IT	Agentic AI-IoT Integration for Agriculture and Health care	Providence Software Solutions, South Africa	Industry	5,00,000	01-12-2025	1 Year
5	ME	Dr Dhanjayrao	ME	Services for Chasis Fabrication for Hybrid EV four wheeler and Energy	Cyber Shakthi Private Limited	Non-Govt	2,32,000	30-07-2025	1 Year

				management simulation studies	Chennai				
6	ME	Dr A V Ratna Prasad Dr B Supraja Reddy Dr V Balakrishna Murthy	ME	Design and Analysis of indigenous Composite Structures	Ramesh's Aerospace Products & services Pvt. Ltd Vijayawada	Non-Govt	7,08,000	4-09-2025	1.5 Year
7	ME	Dr.A.V Ratna Prasad	ME	Accelerated aging studies of carbon fibre T800 Towpreg Composite	AZISTA Composites PVT. Ltd. Hyderabad	Non-Govt	11,44,600	6-03-2026	1 Year
8	CE	Dr. G. Vinay Kumar	CE	DST-TARE (Teaching Associateship for Research Excellence)	DST, Government of India	Govt	2,75,000	2024	3 Years
9	CSE	Dr K. Srinivas, Dr. K. Suvarna Vani	CSE	Qualitative and quantitative classification of mixed bamboo forests using geospatial technology ISRO/RES/3/876/21-22	ISRO: NESAC	Govt.	25,30,000	27-08-2021	3 Years.
10	CSE	Dr. Ramesh Kumar P., Dr. M. Sobhana, Mrs. J. Malathi, Dr. K. Keerthi, Dr. T. Bindu Madhavi	CSE CE	Development of Infrared camera-based Crowd Video Surveillance using Hybrid Deep Learning Model IA-ADRIN-VRSEC-VS-FEB/2024/1	ADRIN, ISRO	Govt.	32,93,136	14-02-2024	2 Years.
11	ECE	Dr.Venkata Sainath Gupta(PI) Dr.Gunnam Suryanarayana(Co-PI), Dr.K.Shri Ramtej(Co-PI)	ECE	Development of Compressive Sensing Techniques for SAR Image Reconstruction & ISRO/RES/3/1050/2024-25	ISRO under RESPOND Programme	Govt	5,74,773	14-10-2025	3 Years
12	ECE	Dr. Pratap Turimerla	ECE	Development of Techniques for Scalloping and Banding Removal in Scan-SAR & DS-2B-13012(2)/2/2025-Sec.2	ISRO under RESPOND Programme	Govt	5,42,100	21-11-2025	3 Years

13	ECE	Dr.Naga Raghuram Chinnapurapu	ECE	Design and Characterization of SRAM- based Dosimeter & TAR/2023/000477	DST-SERB (TARE)	Govt	NIL	---	3 Years
14	ECE	Dr.Jasti Sateesh	ECE	Design and experimental validation of a novel AI-powered artificial pancreas & SUR/2022/003427	DST-SERB (SURE)	Govt	2,00,000	05-07-2025	3 Years
15	EIE	Dr. Paruchuri Srinivas	EIE	Development, Operation & Generation of Reports in the supply of water to villages from the water treatment plant through PLC, SCADA and wireless devices- Prototype	Microsys Automation	Industry	2,00,000	2 -11- 2024	2 Years
16	EIE	Mr. Vattikuti Naga Prudhvi Raj	EIE	Development of Handheld Portable Ultrasound System	Microsys Automation	Industry	2,00,000	2 -11- 2024	2 Years
17	IT	Dr M Suneetha Dr.V.Radhesyam Dr.V.S.Sahithi	IT	Developing Efficient Local Scale Impact Evaluation tools using Geospatial System to Assess National Development Mission Outcomes and SDG Goals	National Remote Sensing Centre (NRSC-ISRO)	Government	27,93,520	1-09- 2022	3 Years
18	IT	Dr.J.Sateesh Dr.G.Kalyani	IT	Design and experimental validation of a novel AI-powered artificial pancreas	Science and Engineering Research Board (SERB) DST	Government	11,92,100	01-01-2024	3 Years
19	English	Dr.V.Vishnu Vandana Devi, Dr. G.Pavani Dr.M.Ravichand	English	Integrating the Bhagavad Gita based Wisdom in Education: Pedagogy, Practice & Possibilities	ICSSR	Govt	5,00,000	01-06-2025	1 year
20	Chemistry	Dr. Krishna Murthy Potla	Chemistry	Accelerating Cocrystal Discovery and Prediction Using Machine Learning	Synthenta Pvt Ltd	Non-Govt/Industry	R1,29,800	30-04-2025	1.5 Years