



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING (Autonomous)

Approved by AICTE, New Delhi and Affiliated to JNTU-Kakinada

Re-accredited by NBA & NAAC with "A" Grade with a CGPA of 3.47 / 4.00

Date: 13.02.2021

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

RESEARCH & DEVELOPMENT

S. No.	Title of the Project	Sponsoring Agency	Month and year of sanction	Amount sanctioned in Lakhs	Name of the Principal Investigator & Co-investigator	Status
1	Direct Torque Controlled Induction Motor Drive for Hybrid Electric Vehicles with Space Vector Modulated Sliding Mode Controller to Reduce Torque Ripple	AICTE	January 2020	9	Dr. G.V.E. Satish Kumar	Granted and On-going
2	Recent Trends in Power Quality Improvement Techniques in Grid Connected DG Systems	AICTE	October 2019	3.29	Dr. K. Narasimha Rao	Granted and Completed
3	Switched Reluctance Motor (SRM) Development for EV Application	HBL Power Systems Ltd, Hyderabad	Jan 2019	56	Dr. Sastry V Vedula / Mrs. K. Harija Rani	Granted and On-going



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4	Fund for Improvement of S & T infrastructure in universities higher educational institutions (FIST)	DST	May 2016	30 (Institute Level)	Dr. C.V.K. Bhanu	Granted and On-going
5	A Wind and Solar, Hybrid Power Generation for Generating 200 kW of Electrical Power of Renewable Energy Sustainable Energy	MNRE, Government of India, New Delhi	January 2012	400	Dr. Sastry V Vedula	Granted and Completed
6	Modernization Power System Lab	MODROBS	March 2013	16.63	Dr. K. Narasimha Rao	Granted and Completed