

**G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS (For Women)**

Shaikpet, Hyderabad-500104

Department of Computer Science and Engineering

Dt:08-07-2022

List of projects applied for various schemes during 2022-2023.

S.No	Name of the Funding Agency	Name of the Principal / Co-Principal Investigator	Title of the Project	Month and Year	Cost of Projects (in Rupees)	Duration	Temporary Registration Number (TPN)	Remarks
1	DST-SERB	Dr K Prasanna	Advancing Epilepsy Detection in the Human Brain: Deep Learning Techniques for Precise Seizure Localization and Prediction using Electroencephalography (EEG)	June 2023	42,42,900	3 Years	EEQ/2023/000713	Applied
2	DST-SERB	Dr. O. Obulesu	A novel Methodology for Early Detection of Heart and Diabetes using Machine Learning & Deep Learning Techniques	June 2023	23,50,000/-	3 Years	EEQ/2023/000303	Applied
3	Indian Council for Social Science Research ICSSR	Dr.S.Ravi Kumar Raju	A Novel Paradigm for Strengthening Indian Economy	14oct 2022	5,00,000/-	2 Years	ICSSR-RMM-2021-16273	Applied
4	Department of Biotechnology	Dr. B. Sasidhar Dr. O. Obulesu,	Automatic Early Detection of Lung Cancer Using Image Processing Techniques on CT Scan Images.	15-03-2023	10,11,886/-	3 Years	_____	Applied
5	Department of Biotechnology	Dr K Prasanna Dr Raghavender K.V	Deep Learning framework for Plant Disease Detection and Organic Solutions.	21-01-2023	46,97,580/-	3 Years	49076	Applied
6	SERB-POWER GRANT	Dr.M.Seetha Dr.A.Sharada, Mrs.P.Sunitha Devi, Mrs. Bhageshwari Ratkal	Multimode Expressive Avatar Mediated Communication to enhance social life among elderly and differently abled.	18-10-2022	28,65,529/-	3 Years	SPG/2022/001599	Applied

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7	SERB-POWER GRANT	Dr. Nara Kalyani Dr. A. Sharada, Mrs. Ch. Mandakini, Mrs. R. Pallavi Reddy, Mrs. Amrita Budarapu	Screening of facial expression disorders among pre scholars using deep learning techniques to enhance social cognition.	29-09-2022	29,79,590/-	3 Years	SERB/2022/000758	Applied
8	SERB-POWER GRANT	Dr.D.V. Lalitha Parameshwari, Dr. G. Malini Devi Mrs Jayashree S Patil Mrs.T.Swapna	Deep learning techniques for object detection and distance estimation for non-cooperative collision avoidance in air. navigation system	28-09-2022	26,98,120/-	3 Years	SPG/2022/000613	Applied
9	SERB-SURE	Dr Maddala Seetha Dr K Prasanna	Deep Learning Approach for analysis of Epileptogenic Tissue response to Intracranial Electroencephalography for Prediction of Epileptic Seizure	28-09-2022	29,61,000/-	3 Years	SUR/2022/002669	Applied
10	SERB-SURE	Dr. Nara Kalyani Dr.D.V. Lalitha Parameshwari, Dr. G. Malini Devi	Motion pattern classification using deep learning for intelligent navigation	28-09-2022	29,61,000/-	3 Years	SUR/2022/002674	Applied
11	SERB-SURE	Dr.D.V. Lalitha Parameshwari Dr. A. Sharada, Dr. G. Malini Devi Mrs.M.Lalitha	Deep Learning techniques for identification of river and canal networks from satellite images.	28-09-2022	29,61,000/-	3 Years	SUR/2022/002649	Applied