

**JSS Academy of Technical Education, Bengaluru**  
**Details of the Funded Projects**

Sl No	Name & Designation	Title of the Project	Agency & Year of Sanction	Amount Sanctioned (in Rs)	Probable date of Completion of Project	Remarks
1	PI: Dr.Thejaswini P, Assoc. Prof.	Efficient Implementation of Cryptographic Algorithms for Security	Science & Engineering Research Board-DST, Govt. of India, TARE, 2024	18,30,000.00	2027	
2	Dr Pradeep H K	IBM Faculty Grant	IBM Inc	8,29,937.00	2027	
3	Dr Mallikarjunaswamy M S-PI-Professor ECE,Dr Prabhudev Jagadeesh-Co-PI-Professor CSE	AICTE IDEA lab	AICTE-JSSATE	90,00,000.00	2027	
4	Dr. Chamaraja N A, Asst Professor Chemistry	Smart nanomaterials for detecting water pollutants and remediation	JSSATE-Seed Funds, 2025	3,50,000.00	2027	Seed fund
5	Dr Ramya M V	AI-Based Assistive Robot for University Campus Support	JSSATE-Seed Funds, 2025	3,00,000.00	2027	Seed fund
6	Dr. Mahendra H N. PI Assistant Professor, Dept. of ECE Dr Mallikarjunaswamy S, Associate Professor, Co-PI, Dept. of ECE	Quantum-CNN based hybrid network for remote sensing image classification	JSSATE-Seed Funds, 2025	3,90,000.00	2027	Seed fund
7	Dr. P B Mallikarjuna., PI, Professor, Dept. of CSE	Predicting acute lymphoblastic leukemia using machine learning and deep learning	JSSATE-Seed Funds, 2025	3,93,000.00	2027	Seed fund
8	Mrs. Rashmi. PI, Assistant Professor,& Dr. Prabhudev Jagadeesh, Co-PI, Professor and HOD-CSE,	Quantum algorithms for deep-fake multimedia detection.	JSSATE-Seed Funds, 2025	4,18,000.00	2027	Seed fund
9	Dr. Mallikarjunswamy S, Professor, CO-PI :Dr.D. Mahesh Kumar, Professor, ECE	Establishment of Renewable Smart Grid Laboratory.	Vision Group of Science & Technology, Dept. of IT, BT and S&T,	30,00,000.00	Completed	

			Government of Karnataka KFIST Level II, Govt. of Karnataka, 2020			
10	PI: Dr. Mallikarjunsamy S, Professor-ECE	A Novel Effective Clusters Algorithm Against Fault Data Injection Attack in Smart Grid Using IoT	VTU , Belagavi, TEQIP competitive Research Grant, 2020	1,50,000.00	Completed	
11	Dr. Mrityunjaya V Latte, Principal,	Computerized Segmentation of Pulmonary Nodules Depicted in CT Examinations Using Freehand Sketches	VTU , Belagavi, TEQIP competitive Research Grant, 2019	1,00,000.00	Completed	
12	Dr. Aravind H S, Professor-ECE	Innovation Lab for Rapid Prototyping of IoT Products	Vision Group of Science & Technology, Dept. of IT, BT and S&T, Government of Karnataka, CSEEE, 2019	20,00,000.00	Completed	
13	PI:Mr.Manohar B S, Asst. Prof. Co-PI : Dr. Prabhudev Jagadeesh Professor-(CSE) Co-PI Mr. Kousik S, Asst Professor-(Mechanical)	Autonomous Electric - Kart	Karnataka State Council for Science and Technology, 2023	4,74,000.00	Completed	
14	Dr. Mahesh B, Professor of Chemistry	Establishment of R&D facilities for synthesis, characterization and study on applications of proteins	VGST-CISEE, 2015	30,00,000.00	Completed	
15	PI: Dr. Pradeep H K, Associate Professor , CSE, CO-PIs: Dr. Sreenatha M, Associate Professor, ISE,	Design of climate smart agriculture (csa) based surface irrigation system to improve water productivity: a	ICSSR, New Delhi, 2023	13,50,000.00	Completed	

		study of select area of karnataka				
16	Dr Dayananda P, Professor	Detection of cancer in colonography images using GPU	NVIDIA Corp.. (GPU Funding by NVIDIA), 2017	1,25,000.00	Completed	
17	Dr. Naidila Sadashiv	Cloud Computing based Rural and Mobile Health Care System	Vision Group on Science and Technology (VGST), 2020	5,00,000.00	Completed	
18	Dr Santhosh B S, Associate Professor, Dr. Shashikumara S.R, Abdul Razak B H, Abhishek R, Pramukh N, Rashmi SM, Asst Prof,Civil Engg	Work, Time Motion Study for the MGNREGA Works in Kolar, Mysore and Dakshina Kannada Districts	Ministry of Rural Development, 2018	18,05,000.00	Completed	
			<b>Total Amount</b>	<b>2,60,14,937.00</b>		