

CAPSTONE PROJECTS:

Academic Year: 2023-2024

Types and relevance of the capstone/major project:

The project works carried out by the students are categorized on the basis of objectives and project outcomes such as

- Application based projects
- Industry based projects
- Research based projects
- Interdisciplinary projects
- Product based projects
- Design and manufacturing
- Solution of the industrial problems

Academic Year 2023-24

S.N O	Register No	Name	Project Title	Project Type
1	DSUG20106004	Ambika.A	Automatic face recognition attendance system using raspberry Pi	Application-Based Projects
	DSUG20106005	AnushaDevi.S		
	DSUG20106011	Dhanalakshmi.V		
	DSUG20106013	Gilda Vincy.M		
2	DSUG20106019	Kamini.P	An enhanced watchdog timer design using FPGA	Research-Based Projects
	DSUG20106029	Lokeshwari. S		
	DSUG20106043	Sabi.P		
	DSUG20106044	Santhanalakshmi. S		
3	DSUG20106037	Parasakthi.B	Optimizing high gain in UWB BI-planar yagi antenna for enhanced broadband performance	Design and Manufacturing
	DSUG20106038	Ponnarsi.S		
	DSUG20106042	Rosario Katherin.A		
4	DSUG20106041	Ramesh.M	Reconfigurable triple band antenna inspired by metamaterials for wireless communications	Design and Manufacturing
	DSUG20106016	Gopikrishnan.G		
	DSUG20106048	Selvakumar.N		

5	DSUG20106040	Rajkumar.M	Metamaterial reconfigurable antenna for multiband LTE, blue tooth and WI-MAX application	Design and Manufacturing
	DSUG20106032	Mathiyazhagan P		
	DSUG20106307	Jeeva.R		
6	DSUG20106303	Arulmurugan P	Misbehavior identification mechanism for battery based electric vehicle model	Solution of Industrial Problems
	DSUG20106316	Vijay R		
	DSUG20106311	Naveen Raj R		
	DSUG20106313	Suganeshwaran C		
7	DSUG20106024	Kathiravan K	Health self-assessment system employing artificial neural network	Research-Based Projects
	DSUG20106036	Niranjan.B		
	DSUG20106031	Mathiyazhagan.C		
	DSUG20106015	GokulRaaj R		
8	DSUG20106020	Kannan.G	IOT enabled accident monitoring and preventing system	Application-Based Projects
	DSUG20106002	Abinesh. M		
	DSUG20106001	Abinash.A		
	DSUG20106007	Balamurugan V		
9	DSUG20106022	Karthikeyan.V	Powered can terfiet product detection system using block chain	Industry-Based Projects
	DSUG20106030	Madhavan.S		
	DSUG20106023	KathirVelan.G		
	DSUG20106035	Naveen Kumar.B		
10	DSUG20106021	Karthick B	IOT based speed control and accident avoidance using AI traffic detection	Application-Based Projects
	DSUG20106012	Dinesh. K		

	DSUG20106006	Babu.S		
	DSUG20106010	Chandru S		
11	DSUG20106026	Kishore Athavan R	IOT powered smart garden management for horticulture	Application-Based Projects
	DSUG20106027	Kovendhan P		
	DSUG20106017	Jayasakthiyan. J		
	DSUG20106009	Boopalan. D		
12	DSUG20106033	Mohanraj M	Advanced fire suppression with alert integration	Application-Based Projects
	DSUG20106034	Muthuraj.A		
	DSUG20106025	Kathiresan K		
	DSUG20106028	Logeshwaran R		
13	DSUG20106045	Santhosh.V	Vehicle to vehicle communication using LIBI technology	Application-Based Projects
	DSUG20106018	Jagatheesh. A		
	DSUG20106014	Gobinath		
	DSUG20106008	Barathwaj M		
14	DSUG20106054	Sivakumar.M	Efficient deep learning for rapid traffic sign detection in automotive system	Industry-Based Projects
	DSUG20106056	Sivasubramanian.S		
	DSUG20106068	Venkatesan.S		
	DSUG20106305	Baranidharan.V		

Table.1: Project Details for Academic Year 2023-2024

List of students those who received fund from TNSCST:

S.No	Academic Year	Guide Name & Designation	Project Title	Student Team Members	Discipline Code	Amount Sanctioned (₹)
1	2023-2024	Mr T Boopathy, Assistant Professor Electronics and Communication Engineering, Dhanalakshmi Srinivasan Engineering College, Perambalur – 621 212	Firefighting robot using embedded system	Mohanraj M, Logeshvaran.R Kathiresan K,	EEE-0361	Rupees 5000/-

Table 2 List of students awarded in Conference