

Academic Year 2024-25

S. No	Register No	Name	Project Title	Project Guide	Project Type	Mapping With PO & PSO
1	810421106007	Abitha T	Geo Tagged In Internet Of Things Device For Radiation And UV Monitoring	Dr.Vishalatchi V	Product-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	810421106030	Gobika K				
	810421106047	KalkiAiswarya B				
	810421106304	Jeeva M				
2	810421106045	Kabilan P	Object Detection Using Yolov3	Dr.B.Karthiga	Research-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	810421106048	Karthi K				
	810421106042	Jothiprasanna S				
	810421106058	Madhesh S				
3	810421106037	Harisha K	A Novel Low Profile Micro strip Antenna Design For Enhanced 5G Performance	Dr.A.Yogeshwaran	Research-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	810421106041	Jeevitha S				
	810421106059	MadhurAmbika S				
	810421106026	Divyabharathi S				

4	810421106001	Aakarsh Aryan	Real-Time Obstacle Avoidance And Line Follower For Autonomous Intelligent Robots Using Ultrasonic Sensors	Mr.C.Sathishkumar	Application-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	810421106018	Bala P				
	810421106050	Kathiravan B				
	810421106063	Manobala M				
5	810421106013	Arularasu A	IoT Based Health Monitoring System	Mr.T.Boopathy	Interdisciplinary Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	810421106025	Dinesh Kumar B				
	810421106027	Elamurugan E				
	810421106038	Hemanath V				
6	810421106009	Anisha M	Optimizing Performance Of Reconfigurable Micro strip Patch Antenna With Metamaterials	Dr.Rekha M	Research-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	810421106022	Deepika B				
	810421106029	Gayathri N				
7	810421106008	Ajith P	Smart Attendance System Using Face Recognition And Liveness Detection	Dr.Sree K V M	Application-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	810421106036	Hariharan B				
	810421106020	Bharathi K				
8	810421106102	Sivaparthasarathy G M	Dual Phase Intoxication Monitoring And Ignition	Dr.Ramasubramanian	Industry-Based Projects	PO1,PO2,PO3,

	810421106126	Yuvaraj C	Prevention System Using STM32 For Two-Wheelers			PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	810421106303	DishoreImmanuvel				
	810421106308	Vignesh G				
9	810421106086	Roja N	Iot Based Coal Mine Safety And Health Monitoring System Using LORWAN Technology	Mrs.S.Sasikala	Industry-Based Projects	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	810421106093	Sanjeevini E				
	810421106098	Shanmathy K				
	810421106100	Sharmila M				
10	810421106066	Mohammed Javith A	Optimization Of Multiband Micro strip Patch Antenna Using Various Software	Dr.P.Rajeshwari	Research-Based Projects	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	810421106069	MuthuSelvan S				
	810421106077	Pradeep K				
	810421106082	Praveen Kumar S				
11	810421106091	Sanjay J	Scalable and low power AHB To APB Bridge for Reconfigurable SOC Architecture	Dr.B.Karthiga	Solution Of Industrial Problems	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	810421106094	Saran S				
	810421106097	SaronEzkiel J				
	810421106110	Stalin A				

12	810421106073	Niranjana K	Agri-Pro: Crop Fertilizer And Market Place Recommender For Farmers Using Machine Learning Algorithms	Mrs.R.Gayathri	Interdisciplinary Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	810421106095	Saranya S				
	810421106099	Shapna H				
13	810421106067	Mohammed Yazzer B	Mart Living: Active And Assisted Living Health Monitoring System Using IoT	Dr.A.Yogeshwaran	Application-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	810421106070	Muthukumar K				
	810421106105	Sivasakthi N				
	810421106117	Thina S				
14	810421106087	Ruban S	Convolutional Neural Network Based Driver Drowsiness Detection Using AI Technology	Dr.P.Rajeshwari	Interdisciplinary Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	810421106089	Sahabdeen N				
	810421106122	Vignesh V				
	810421106125	YoheshwaranThi				
15	810421106075	Nitheeswari M	Accelerating Image Edge Detection Using Ripple Ling Hybrid Carry Adder For Enhanced Computational Efficiency	Dr.P.Rajeshwari	Research-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	810421106106	Sneha G				
	810421106119	Varsha K				
16	810421106071	Nandha Kumar R	AI-IoT Powered Railway Safety Collision Prevention	Dr.A.Yogeshwaran	Application-Based Projects	PO1,PO2,PO3,

	810421106112	Suriya Prakash T	And Animal Detection System			PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	810421106109	SrimaanRagavendra A				
	810421106116	Tamilarasu P				
17	810421106084	Raja Rohit Kumar Sah	Advanced AI Humanoid Epigenetics Nanobot	Mr.C.Sathish Kumar	Research-Based Projects	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	810421106114	Suthin Krishna Ps				
	810421106076	PailaYaswanth Kumar				
	810421106305	Kathiravan				

Table.2.2.3: Project Details for Academic Year 2024-2025

Academic Year 2023-24

S.NO	Register No	Name	Project Title	Project Guide	Project Type	Mapping with PO & PSO
1	DSUG20106004	Ambika.A	Automatic face recognition attendance system using raspberry Pi	Dr.Vishalatchi V	Application-Based Projects	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	DSUG20106005	AnushaDevi.S				
	DSUG20106011	Dhanalakshmi.V				

	DSUG20106013	Gilda Vincy.M				
2	DSUG20106019	Kamini.P	An enhanced watchdog timer design using FPGA	Dr.Brindha V	Research-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	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	Dr.A.Yogeshwaran	Design and Manufacturing	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	DSUG20106038	Ponnarsi.S				
	DSUG20106042	Rosario Katherin.A				
4	DSUG20106041	Ramesh.M	Reconfigurable triple band antenna inspired by metamaterials for wireless communications	Mrs.M.Noorjahan	Design and Manufacturing	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	DSUG20106016	Gopikrishnan.G				
	DSUG20106048	Selvakumar.N				
5	DSUG20106040	Rajkumar.M	Metamaterial reconfigurable antenna for multiband LTE, blue tooth and WI-MAX application	Dr.Sree K V M	Design and Manufacturing	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	DSUG20106032	Mathiyazhagan P				
	DSUG20106307	Jeeva.R				
6	DSUG20106303	Arulmurugan P	Misbehavior identification mechanism for battery based electric vehicle model	Mr.C.Sathishkumar	Solution of Industrial Problems	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	DSUG20106316	Vijay R				
	DSUG20106311	Naveen Raj R				
	DSUG20106313	Suganeshwaran C				
7	DSUG20106024	Kathiravan K		Dr.ShiekAalam S		PO1,PO2,PO3,

	DSUG20106036	Niranjan.B	Health self-assessment system employing artificial neural network		Research-Based Projects	PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	DSUG20106031	Mathiyazhagan.C				
	DSUG20106015	GokulRaaj R				
8	DSUG20106020	Kannan.G	IOT enabled accident monitoring and preventing system	Mrs.S.Sasikala	Application-Based Projects	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	DSUG20106002	Abinesh. M				
	DSUG20106001	Abinash.A				
	DSUG20106007	Balamurugan V				
9	DSUG20106022	Karthikeyan.V	Powered can terfiet product detection system using block chain	Dr.S.Anbumozhi	Industry-Based Projects	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	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	DrBavithra K B	Application-Based Projects	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	DSUG20106012	Dinesh. K				
	DSUG20106006	Babu.S				
	DSUG20106010	Chandru S				
11	DSUG20106026	Kishore Athavan R	IOT powered smart garden management for horticulture	Dr.P.Rajeswari	Application-Based Projects	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PSO1,PSO2
	DSUG20106027	Kovendhan P				
	DSUG20106017	Jayasakthiyan. J				
	DSUG20106009	Boopalan. D				

12	DSUG20106033	Mohanraj M	Advanced fire suppression with alert integration	Mr.T.Boopathy	Application-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	DSUG20106034	Muthuraj.A				
	DSUG20106025	Kathiresan K				
	DSUG20106028	Logeshwaran R				
13	DSUG20106045	Santhosh.V	Vehicle to vehicle communication using LIBI technology	Mr.C.Sathishkumar	Application-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	DSUG20106018	Jagatheesh. A				
	DSUG20106014	Gobinath				
	DSUG20106008	Barathwaj M				
14	DSUG20106054	Sivakumar.M	Efficient deep learning for rapid traffic sign detection in automotive system	Dr.B.Karthiga	Industry-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO 8,PO9,PO10,PO11,PSO 1,PSO2
	DSUG20106056	Sivasubramanian.S				
	DSUG20106068	Venkatesan.S				
	DSUG20106305	Baranidharan.V				

Table.2.2.4: Project Details for Academic Year 2023-2024

Academic Year 2022-23

Table.2.2.5: Project Details for Academic Year 2023-2024

	Reg. No	Name	Project Title	Project Guide	Project Type	
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Sl. No						Mapping with PO & PSO
1	810419106001	Abirami	Development Of Bluetooth Based Smart Home Security System And Home Automation	Dr.Vishalatchi V	Application-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8 ,PO9,PO10,PO11,PSO1, PSO2
	810419106003	Akila				
	810419106034	Monisha				
	810419106039	P.Priyadarshini				
2	810419106002	Ajithkumar	VLSI Design Of Approximate Baugh-Wooley Multiplier For Image Edge Computing	Mrs.R.Gayathri	Research-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8 ,PO9,PO10,PO11,PSO1, PSO2
	810419106005	Balaji				
	810419106029	Magesh				
	810419106060	Sridar				
	810419106002	Ajithkumar				
3	810419106006	Harsha Kumar	"Smart Crop Protection From Wild Animals And Crop Health Monitoring "	Mrs M Rekha	Interdisciplinary Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8 ,PO9,PO10,PO11,PSO1, PSO2
	810419106028	Kuruba Ashok				
	810419106035	Thirupathi Reddy				
	810419106036	Griresh Nag				
4	810419106007	Bhuvaneshwari	IoT Based Crash Prevention Detection And Emergency	Dr.P.Rajeswari	Application-Based Projects	PO1,PO2,PO3,
	81041910622	Kaviya				

	810419106033	MariyaManoj	Alert System For Motor Bikes			PO4,PO5,PO6,PO7,PO8 ,PO9,PO10,PO11,PSO1, PSO2
	810419106062	Sudarvizhi				
5	810419106008	Varalakshmi	Assistance System For Dumb People Using ESP32	Mrs.S.Sasikala	Application-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8 ,PO9,PO10,PO11,PSO1, PSO2
	810419106010	Srilakshmi				
	810419106026	Adilakshmi				
6	810419106011	Deepan S V	IoT Based River Water Quality Monitoring System	Dr.ShiekAalam S	Application-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8 ,PO9,PO10,PO11,PSO1, PSO2
	810419106024	Kirubasankar D				
	810419106051	Rohith Varma R				
	810419106063	Sudharsan S				
7	810419106015	Guruprasad	"Eleven Classes Of Drivers Distraction Detection Machine Learning Model Using CNN Algorithm "	Dr.S.Anbumozhi	Research-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8 ,PO9,PO10,PO11,PSO1, PSO2
	810419106025	LeelaPavan				
	810419106049	Narendra				
8	810419106301	Agashiya A	Cooler Jacket For Hot Weather	Dr.Rajeswari P	Application-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8 ,PO9,PO10,PO11,PSO1, PSO2
	810419106016	Jananipriya				
9	810419106047	Ranjith	VLSI Implementation Of AES Algorithm in Cryptography Developed In Xilinx	Mrs.Saritha	Research-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8 ,PO9,PO10,PO11,PSO1, PSO2
	810419106069	Vijay				
	810419106072	Vishvanth				
	810419106023	Keerthika		Mr.C.Sathish Kumar		PO1,PO2,PO3,

10	810419106045	Ramanika	Vehicle To Vehicle Communication Using LI-FI Technology		Industry-Based Projects	PO4,PO5,PO6,PO7,PO8 ,PO9,PO10,PO11,PSO1, PSO2
	810419106052	Rubashree				
	810419106068	Vidhya				
11	810419106032	Manojraj	Multiband Compact MMW Antenna For 5G Smart Phones	Mrs.Noorjahan	Research-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8 ,PO9,PO10,PO11,PSO1, PSO2
	810419106048	Ravinesan				
	810419106058	Sivanantham				
	810419106057	Sathish				
12	810419106037	Nagasri	An Efficient Energy Management And Theft Alert Using IoT Enabled Smart Meters	Dr.Arun J	Application-Based Projects	PO1,PO2,PO3, PO4,PO5,PO6,PO7,PO8 ,PO9,PO10,PO11,PSO1, PSO2
	810419106041	VamsiPriya				
	810419106064	Yaswitha				
	810419106067	Sailakshmi				