

STUDENT PROJECTS

Department of Mechanical Engineering

Academic Year	Title of the Project
2013-14	Design And Fabrication Of Impact Reducer With Automatic Braking System
	Design And Fabrication of Hybrid Air Cooler And Warmer
2014-15	Punching Machine Using Fly Press
	Design and Fabrication of Solar Pump

Department of Electronics and Communication Engineering

Academic Year	Title of the Project
2011-12	Face recognition based anti – car theft tracking system using GSM and GPS
	Hacking electronic equipments using triaxial mems accelerometer sensor
	Automatic car parking using PLC and SCADA
2012-13	Adaptive handsfree design technique for driving mode using GSM/GPS technology
	Feasibility of intelligent monitoring of construction workers for carbon monoxide poisoning
	Electronic safety assistance for blind using GPS and RFID
2013-14	Cruise Control in Vehicles using CAN protocol and wireless communication
	Ultrasonic Spectacles and Wrist-belt for visually impaired and blind persons
	Driver Vigilance:Advanced Driver Safety Awareness and Assistance System for Cognitive Vehicle Control
2014-15	Secure routing in MANETs using elliptic curve cryptography
	GSM based real time vehicle status system
	Intelligent traffic control system for congestion control, ambulance clearance and vehicle detection

Department of Computer Science and Engineering

Academic Year	Title of the Project
2011-12	Robust Video-based Forbidden Zone Data Hiding
	Detection And Countermeasures On Stealthy Attacks in Wireless Ad Hoc Networks
	Secured And Implicit Password Authentication System for shoulder surfing Attack
2012-13	A System to Tackle Silent Heart Attacks using Opportunistic Computing
	Open Source Based Private Cloud Security using Biometrics

	Android Suburban Railway Ticketing With GPS as Ticket Checker
	Location tracking of Android Phones Via Virtual Trip lines
2013-14	Facial Authentication Using Thermal Imaging
	Power Management On Multicore Processors using Cpu Scheduling Algorithm
	Secure System Using Voice Biometrics
	Augmented Reality in Android Smart Phone
	A Scalable Two Phase TDS Approach For Data Anonymization Using Map Reducing
	Visual Authentication protocol for Resisting KeyLogging Attack
	An Alerting System To Guide The Travellers
	Attack Identification In Botnet Behaviour Using Chaotic Analysis
	Wireless Device to Device Health care and Fitness Solution Using Android mobile
	Image Quality Assessment For Fake Iris And Finger Print Biometric
	Recommendation System Based On Clustering And Collaborative Filtering For Big Data
2014-15	A cloud computing solution for service virtualization, Infrastructure and Applications
	Introducing High Security in Cyberspace Using Mimicking Attack and Anti-Attacks
	Secure hidden traffic from statistical traffic pattern in mobile Ad-hoc networks

Department of Information Technology

Academic Year	Title of the Project
2012-13	Biometrics Based Information Processing System for Police Department
	Secured Electoral Voting System
	Emergency Information Display System
	Sensor Based Fire Alarming System
2013-14	Sensor Based Vehicle Control System to Avoid Road Accidents
	Intelligent Human Sensing Technique
	“Resolving Electricity Crisis In India” -An Approach Using Embedded Processing & IoT
	Online Air Pollution Content Monitoring System Using Sensors and GPS
2014-15	Automatic Detection of Tumor Cells using WBC Count
	Sub-Urban Train Ticket Booking System
	Digitized Personal Data Integration System(DPDIS)
	Spyware for Anti-Harassment Control System Using Spy Camera and GPRS
	Smart Home Monitoring System Using Sensors and Andriod
	Online Medicinal Service Application

Department of EEE

Academic Year	Title of the Project
2014-2015	Design of multisequence AC voltage controller

Department of Civil Engineering

Academic Year	Title of the Project
2013-2014	Study on soil stabilization using fly ash mixtures
	Studies on mechanical properties of high strength recycled rubber concrete
2014-2015	Experimental investigation of geo polymer concrete paver blocks pavements for chennai harbour
	Analysis and design of light weight concrete auditorium with vermiculate.
	Design of crumbled rubber concrete pavement.
	Home Based Sanitary Design Using Hydrous Pyrolysis
	Interlinking Of Vaigai And Kavery River In Tamilnadu Using GIS.
	Study On The Behavior Of polymer Modified Concrete
2015-2016	Seismic Behaviour Analysis Of Bridges
	Retrofitting Of Rc Beams With Externally Bonded Simcon Laminates
	Experimental Investigation On Hardened Concrete Using Silica Fume and Copper Slag as Replacement
	Retrofitting Of RC Beams By Using BFRP Sheets

Department of Aeronautical Engineering

Academic Year	Title of the Project
2014-15	Android Controlled Quad Copter
	Design And Analysis of atmospheric Re-Entry Capsule
	Failure mode analysis of composite material

Department of Management Studies

Academic Year	Title of the Project
2014-15	A Survey on Marketing of Philips India Ltd Products