



DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

WEBSITE UPDATION

Innovative Projects:

Details of Innovative Projects (Batch: 2019-2023)

Sl. No.	Title of the Project	Name of the Students	Name of the investigator	Status of the Project	Participated / Collaboration
1	Automatic Fire Detection and Control Using Projectile Extinguishing	Swathi. N Keerthana. D Sanjana. M Revathi.M	Dr.M.Rekha	Completed	
2	Smart Music Therapy Using IOT	Danush Bala Harish. V Manoj.P Dineshkumar.S Sadham Hussain. S	Mrs.T.Sudha	Completed	
3	Ultrasonic Guide for Visually Impaired	Sreejithkumar B Thowfic Basha. S Praveen. P Vegneswaran. M	Mrs.T.Sudha	Completed	
4	MEMS Accelerometer Based Condition Monitoring in Induction Motor	Daniel Sam. M.A. Mohammed Nadeem. M.I Jagatheswaran. S Guhan. K	Dr.L.M.Varalakshmi	Completed	
5	Water Contamination Level Monitoring Using LORA Technology	Manoj Kumar R Hariprasanth. V Lokesh. A Vadrot Dydimus. F	Ms.P.Kiruthika	Completed	
6	Automated Anti Collision Braking System	Gautam B Tharuneswar. R.B.R Rajkumar. T Vikneshwaran.S	Mr.J.Jeevanantham	Completed	
7	Powerhouse parametric surveillance System	Mohamed Fawaz. K Mohamed Khalidh. I Sekizhar T Sanjai. R	Dr.K.Naveenumar	Completed	

Sl. No.	Title of the Project	Name of the Students	Name of the investigator	Status of the Project	Participated / Collaboration
8	Fault Detection And Monitoring in Power Lines Using NB-IOT	Dhinakaran.V Sivabalan.A Angalan. R Pradeep. J	Dr.D.Sivanandakumar	Completed	

Details of Innovative Projects (Batch: 2018-2022)

Sl. No.	Title of the Project	Name of the Students	Name of the investigator	Status of the Project	Participated / Collaboration
1	Level Estimation of Blood Glucose and Haemoglobin using Neural Network	Romarc Sallustre. P Syed Mohamed Ali.S Sivikiran. R Hari Sidharth. S	Dr. K. Naveenkumar	Completed	
2	Pipeline Inspection Bot	Mithran. S Mageswaran. J. G Amrit Mahapatra. A Dhanajay Varma	Mr. J. Jevanantham	Completed	
3	Smart Agriculture	Dhaarani. K Mahalakshmi. R Priyatharshiny. V Janani. A	Mrs. T. Sudha	Completed	
4	Power Generation Based on Load Cell	Komalaselvan. V Krishna kumar. E Vignesh. N Chandru. S	Dr. M. Rekha	Completed	
5	Reflexive Skimmer	Vianny cibi Raymond S Mohamed imthiyas .M.N Praveen Kumar. N Murugan. S	Ms. Kiruthika. P	Completed	
6	Augmentation of visibility using neural network	Anandhagopi. V Christopher. C Suresh Krishna Dhinagar. M	Dr. D. Sivanandhakumar	Completed	
7	Thermoelectric Based	Kathiravan. R Vijay. K	Dr. D.	Completed	

Sl. No.	Title of the Project	Name of the Students	Name of the investigator	Status of the Project	Participated / Collaboration
	Energy Harvesting	Bhuvanraj Frank Deva Antony. A	Sivanadakumar		
8	Advanced Driver Safety Awareness System using visible light communication	Ramya. D Priyanka. G Thavasini. P	Dr. L. M. Varalakshmi	Completed	
9	Sanitizing Bot	Hemamalini. M.S Rahava Priya Aiyswarya. R	Dr. M. Rekha	Completed	
10	Implementation and Application of Pulsed electric field for food preservation	Mohanraj. D Gowshik. S Suresh kumar Vishnupriyan. M	Dr. K. Naveen Kumar	Completed	

Details of Innovative Projects (Batch: 2017-2021)

Sl. No.	Name of the investigator	Name of the Students	Title of the Project	Status of the Project	Participated / Collaboration
1	Dr.L.M.Varalakshmi	Achalesh A	Digital level sensing		
		Divakar R			
		Aravindh A			
		Suriyakumar S			
2	Dr.L.M.Varalakshmi	Vishwa M	Feed em food donating application		
		Arunraj K			
		Amarnath A			
3	Mrs.M.Rekha	Manju G	A wearable EEG		

Sl. No.	Name of the investigator	Name of the Students	Title of the Project	Status of the Project	Participated / Collaboration
		Sowmeya K	instrument for a real time frontal asymmetry monitoring in worker stress analysis		
		Nandhini S			
4	Mrs.T.Sudha	Hariharan R	Alcoholic detection with gsm module and speed control using arduino		
		Ajayarvindh.G			
		Sooria prakash r			
		Devaguru B			
5	Mr.J.Jeevanantham	Barathkumar U	Detection of toxic gas using GSM and IOT(Thing Speak)		
		David.A			
		Giridharan N			
		Mohammed yasar arafat y			
6	Mrs.M.Rekha	Abdul faroz a	Communication device for fishermen through marine water using WWSN		
		Bakrudeen ali ahamed a			
		Jswanth pathi p			
		Adhi shankar m			
7	Mrs.M.Rekha	Anupriya.V	Mechanized parking system using Arduino		
		Loginishali J			
		Madhini V			
		Hemaruthaa K V			

Sl. No.	Name of the investigator	Name of the Students	Title of the Project	Status of the Project	Participated / Collaboration
8	Mr.J.Jeevanantham	Kailash Kumaran S	Demister and ALHC		
		Srinivasan T			
		Mohamed munthasir A			
		Arjun nambiar k.k			
9	Mr.J.Jeevanantham	Ram kumar v	Identification of Plant diseases		
		Prabakaran T			
		Sakthivel M			
		Rahul M			
10	Dr.L.M.Varalakshmi	Abdul raheem.s	Smart home automation system		
		Deepan chakkaravarthy. D			
		Thivagar.M			
		Vigneswar S			
11	Dr.L.M.Varalakshmi	Priyadarsini.P	Secure wearable authentication system using human body communication Guide		
		Rubavathi M			
		Jayapriya J			
		Sujithra G			
12	Mrs.T.Sudha	Thamizhan R	Arduino wattmeter: measure voltage and current consumption		
		Jagadeesan A			
		Jayapraveen R			

Sl. No.	Name of the investigator	Name of the Students	Title of the Project	Status of the Project	Participated / Collaboration
			Guide		
13	Mrs.T.Sudha	Amarnath V	Traffic sign board detection using Bluetooth module and arduino Nano		
		Sridhar R			
		Mohamed arif I			
		Suryarohan R			

Details of Innovative Projects (Batch: 2016-2020)

Sl. No.	Title of the Project	Name of the Students	Name of the investigator	Status of the Project	Participated / Collaboration
1	Garbage collection monitoring system using IOT with optimized collection efficiency	A.V. Anupriya	Dr.Varalakshmi. L. M	Completed	
		S.Nandhini			
		D.Subasri			
2	Intelligent Traffic Control system	T.Kamalath	Dr. Subba. M	Completed	
		S.Mohanvelan			
		M.Mohanbabu			
		R.Mughilan			
3	Real time flow measurement system Using Hall probe Sensor	K.Ramson Jehu A.Arun Kumar	Dr. SujathaV	Completed	

Sl. No.	Title of the Project	Name of the Students	Name of the investigator	Status of the Project	Participated / Collaboration
		M.Vikramadhithan K.Suriya V.Kesavan			
4	Screening of Foot Ulceration in Diabetic Neuropathy patient Using Force Sensing Resistor (FSR	A.Agilan	Sudha.T	Completed	
		R.Aravindraaj			
		S.Hemanath			
		S.Vignesh			
5	Diagonosis of disease using urine sample in neural network	G.Muralidharan	Nagarajan.N	Completed	
		F.Marie Selvanathan			
		George Bernandas			
		Arun Prem			
6	Hemoglobin and Blood pressure measurement using Optical sensor based system	S.Divyalakshimi	Omamageswari.M	Completed	
		P.Gulomiya			
		S.Shakthi priya			
7	Ratio control based liquid blending and bottle rejection using PLC and SCADA	V.Manimaran	Jeevanandam.J	Completed	
		M.Vijay Kumar			
		J.Raja Kumar			
		A.Nishanthan			
		S.Ramkumar			
8	Boiler oil Skid &igniter Assembly	B.Maheshwaran	Srividhya.P	Completed	

Sl. No.	Title of the Project	Name of the Students	Name of the investigator	Status of the Project	Participated / Collaboration
	using PLC automation	S.Lowgesh			
		M.Kishore			
		D.Bhuvaneshwaran			
		M.Purshoth			
9	Oxygen Analyser	S.Devanathan M.Chandra Surya S.Karthik K.Yokesh	Vignesh @ Sairam	Completed	

Faculty Incharge

HoD / ICE