

**Chennai Institute of Technology**  
**Department of Electronics and Communication Engineering**

**Project done during 2016-2017**

S.No.	Student Name	Project Details	
1	Abirami D Divya sree P Vanitha S	Title	IOT based embedded door access and home security system.
		Guide	Mr.R.Dhanagopal
		Type of Project *	Society
2	Adhi lakshmi D Hemalatha M Jayanthi S	Title	Precision agriculture with unmanned aerial crop duster using DIP.
		Guide	Mr.A.Senthil kumar
		Type of Project *	Innovation
3	Ajeeth Kumar R Antony Titus L Kandhan S	Title	Development of single band wearable textile antenna using WLAN application.
		Guide	Mr.A.Sivabalan
		Type of Project *	Others
4	Amresh P Sakthivel M D Vignesh S	Title	Agriculture monitoring system based on GSM module.
		Guide	Mr.S.Rengaraj
		Type of Project *	Society
5	Asha S Kedari Gowri B	Title	Virtual art- draw in the air through gesture using Raspberry Pi open CV.
		Guide	Dr.T.Thandapani
		Type of Project *	Others
6	Athi Narayanan P Krishna D Maha Prabhu K	Title	Intelligent surveillance system.
		Guide	Mr.S.Rengaraj
		Type of Project *	Society
7	Bhuvaneswari M Yamuna Priyanka B	Title	Top results of revature pro dashboard.
		Guide	Mr.K.Kirubaahankar
		Type of Project *	Industry
8	Boopathy M Donald Ajith J Karunamoorthi C	Title	Eyeball movement cursor control using open CV.
		Guide	Mrs.M.Tamil selvi
		Type of Project *	Society
9	Brinda N Gayathri J Maheshwari V	Title	Accident detection and intimation system in automobile using GPS and GSM with integrated data acquisition system.
		Guide	Mr.R.Balamrali
		Type of Project *	Society
10	Divya K Pavithra S Vanmathi P	Title	A smart monitoring system in irrigation system.
		Guide	Mr.A.Senthil Kumar
		Type of Project *	Society
11	Gavaskar K	Title	Transmission of IMU sensor data to smart devices.
		Guide	Dr.K.S.Srinivasan

S.No.	Student Name	Project Details	
		Type of Project *	Others
12	Gomathi Priya B Hemalatha R	Title	Fault current detection in low voltage distribution using smart system.
		Guide	Mr.S.Rengaraj
		Type of Project *	Industry
13	Harika Prabhavathi Kanimozhi C P Karpagavalli M	Title	Smart home automation using Raspberry pi.
		Guide	Mrs.T.Saranya
		Type of Project *	Society
14	Hari Selvan P	Title	Portable charger using renewable energy.
		Guide	Mr.G.Ravikumar
		Type of Project *	Innovation
15	John Prasanna A Kokila B Ponlakshmi V	Title	Hand gesture recognition using visual basic
		Guide	Mr.R.Dhanagopal
		Type of Project *	Society
16	Karthika D Nandhini S Selva Sundari R	Title	A complete wireless and mobile application based solution for food alert system
		Guide	Mr.K.Kirubashankar
		Type of Project *	Society
17	Kiruba M Mageshwari M Vinitha S	Title	Implementing intelligent traffic control system.
		Guide	Dr.T.Thandapani
		Type of Project *	Society
18	Mahidhar Reddy Suram,Siva N Mohammed Rafi A	Title	Frequency reconfigurable antenna for satellite and radio application.
		Guide	Mr.S.Karthikeyan
		Type of Project *	Society
19	Mumtaj A Priyadarshini K Sangeetha B	Title	Secure webcam based remote authentication via biometrics.
		Guide	Mrs.M.Tamil selvi
		Type of Project *	Society
20	Murugan M Naveein Naresh V Prakash J	Title	Trust based data security and secures anonymous routing for MANETs.
		Guide	Mr.Vinoth kumar
		Type of Project *	Others
21	Muthu Anandha Subramaniam J Praveen kumar G Saravana kumar K	Title	Compact UWB slot antenna with dual band rejection by using H-shape notch.
		Guide	Mr.A.Sivabalan
		Type of Project *	Others
22	Namitha B Revathi T Preethi R S	Title	Face recognition using directional binary code and multi SVM.
		Guide	Mrs.M.Tamil selvi
		Type of Project *	Society
23	Parimala Chowdary Priyanka A Rajeshwari R	Title	Optimized and low cost methodology for patient monitoring in rural areas.
		Guide	Mr.G.Maheswaran
		Type of Project *	Society
24	Sadhana T Swathi M.Nair	Title	Auto balancing automobile system.
		Guide	Mr.R.Balamurali

S.No.	Student Name	Project Details	
	Shruthi R	Type of Project *	Society
25	Sankareswari M Subangini N Sumathi A	Title	Automatic wheel chair control using eye blinking.
		Guide	Mr.R.Dhangopal
		Type of Project *	Society
26	Subbulakshmi S	Title	Sensor hub based nine axis Euler angle measurement.
		Guide	Mr.S.Rengaraj
		Type of Project *	Others

### Project done during 2015-2016

S. No	Student Name	Project Details	
1	Naseema Begum A Dharanya S	Title	Implementation of Wifi based home automation.
		Guide	Mr.S.Yuvaraj
		Type of Project *	Society
2	Arun Mitheran G Bhuvanesh Kumar R Khaleel Naina Mohammed Mms	Title	Artificial kidney
		Guide	Mr.K.Kirubasankar
		Type of Project *	Society
3	Ashwini PG	Title	Implementation of AES using reversible logic gates.
		Guide	Mr.A.Senthilkumar
		Type of Project *	Others
4	Auvudaiammal Dimple Priya J Kaviya N	Title	Remote controlled android based electronic notice board.
		Guide	Mr.R.Dhanagopal
		Type of Project *	Society
5	Divya Priya V Divya R Ganga R	Title	Single image super resolution using sparse representation with image fusion principle.
		Guide	Mrs.V.Garzia
		Type of Project *	Others
6	Aruna M Farhath Jabeen I Jayachandra Ks	Title	Generation of electricity using super capacitor.
		Guide	Mrs.T.Saranya
		Type of Project *	Society
7	Gautam L Logeshwaran P Loganathan D	Title	FPGA for implementation of real time medical imaging
		Guide	Mr.R.Balamurali
		Type of Project *	Others
8	Gurumani M Janani S	Title	Implementation of electronic shopping cart transaction using Zig-Bee
		Guide	Mr.A.Sivabalan
		Type of Project *	Society

S. No	Student Name	Project Details	
9	Harsha P	Title	Embedded Chaos
		Guide	Mr.G.Maheswaran
		Type of Project *	Society
10	Jeeva P Malleswari M	Title	Electricity billing with accurate energy consumption and alerting system
		Guide	Dr.T.Thandapani
		Type of Project *	Society
11	Legassri B Meena Kg	Title	PIC based automatic radiation tracker for solar energy.
		Guide	Mr.S.Rengaraj
		Type of Project *	Society
12	Meiyanathan J Arunachalam A Muthukumar R	Title	Automatic water level monitoring system using DTMF.
		Guide	Mr.R.Balamurali
		Type of Project *	Society
13	Navina S	Title	Machine vision based examination evaluation.
		Guide	Mr.G.Ravikumar
		Type of Project *	Others
14	Nithya C	Title	Vehicle tracking and locking using GSM & GPS.
		Guide	Mrs.Aswathi
		Type of Project *	Society
15	Pavithra M	Title	Street glow on detecting vehicle movement using UFR 30.
		Guide	Mr.S.Yuvaraj
		Type of Project *	Society
		Title	Enhanced mobile security using Sim encryption.
16	Pooja T Sandhiya M Vaishnavi M	Guide	Mr.G.Ravikumar
		Type of Project *	Society
		Title	Electronic billing meter using GSM module.
17	Prakash R Shanmugavel P Vimal Heaven Raj Jm	Guide	Mr.A.Sivabalan
		Type of Project *	Society
		Title	Video based traffic surveillance using image processing.
18	Ram Kumar R	Guide	Mr.S.Rengaraj
		Type of Project *	Society
		Title	Microcontroller based voltage controller in chargers.
19	Ranjitha G Rahamath Nisha S Priyanka T	Guide	Mrs.T.Saranya
		Type of Project *	Society
		Title	RF-ID based lab equipment safety and authentication.

S. No	Student Name	Project Details	
20	Rupasree G Varalakshmi R	Guide	Mr.S.Karthikeyan
		Type of Project *	Society
		Title	Modification of railway electrification using rectifier.
21	Sridevi V Tamilselvi P	Guide	Mrs.J.Poornima
		Type of Project *	Innovation
		Title	Secure and efficient data transmission for cluster based wireless sensor networks.
22	Srimathi D Tamilselvi S Shalini D	Guide	Mrs.J.Kiruthika
		Type of Project *	Others
		Title	Fisher man safety using GPS tracking.
23	Shyam Sundar S Ravindra N Sandeep N	Guide	Mr.A.Senthilkumar
		Type of Project *	Society
		Title	Intruder based automatic car ignition control.
24	Pavankumar R Srinivasan Vp Selva Kumar P	Guide	Mr.K.Kirubasankar
		Type of Project *	Society
		Title	Bus locator using GPS.
25	Adhithyan R Balaji R Karthick Aravind U	Guide	Mr.G.Maheswaran
		Type of Project *	Society
		Title	Lab view based patient cardiac analysis.
26	Naveed Ul Rahman S Maria Nikesh	Guide	Dr.B.Sridhar
		Type of Project *	Others
		Title	GSM controlled Quad-Copter.
27	Naresh P Bharath C Arun	Guide	Mrs.Gowthami
		Type of Project *	Society

### Project done during 2014-2015

S. No.	Student Name	Project Details	
1	Gayathri M Kalpana S Pavithra P	Title	Autonomous Plastic Trash disposal droid transport.
		Guide	Mr.G.Ravikumar
		Type of Project *	Society
2	Akshaya R Deivanai C	Title	Image Enhancement of Blurred image Using SR Algorithm.
		Guide	Mr.R.Balamurali

S. No.	Student Name	Project Details	
		Type of Project *	Others
3	Sharmila D Narumada A Shahida Banu A	Title	Enhanced photo album compression for cloud storage using features.
		Guide	Mrs.Jaiganesh
		Type of Project *	Others
4	Lalitha R Hemalatha D Jael Beryl Ruth	Title	Sensor Node failure detection based on round trip delay and path in WSN.
		Guide	Mr A. Senthilkumar
		Type of Project *	Others
5	Jyoti M Malarvizhi B Vijjalakshmi A	Title	Reverse convertor using parallel fix adder.
		Guide	Mr S.Yuvaraj
		Type of Project *	Others
6	Suganya S Kavipreetha P	Title	A Novel Enhancement technology for phase change modulation based on data buffer in multimedia applications.
		Guide	Mr. G.Ravi Kumar
		Type of Project *	Innovative
7	Pridarsini V Sruthi Angeline S Sowmiya A T	Title	Jampering detection on digital video.
		Guide	Dr. S.Arun
		Type of Project *	Others
8	Vinodhini Kavitha Mahalashmi	Title	Implementation of moving object detection in FPGA using background subtraction.
		Guide	Dr.B.Srithar
		Type of Project *	Others
9	Raj Kumar Markandan Tamilarasan	Title	Low power flip-flop design.
		Guide	Mr.K.Kirubasankar
		Type of Project *	Innovative
10	Vigneswaran Balasubramani Ganesh Kumar	Title	Glaucoma screening by SLIC algorithm using MATLAB.
		Guide	Mrs.Aswathi
		Type of Project *	Others
11	Mages Kumar Joshua Ragland Koushik	Title	Energy consumption in cellular radio networks.
		Guide	Mr. G. Maheswaran
		Type of Project *	Society
12	Gokul Nanda kumar Sathyamoothy	Title	Determination of Blood group using image processing.
		Guide	Mrs Ajitha
		Type of Project *	Society
13	Arun Shankar Manikandan sivaruban	Title	Unmanned ground vehicle.
		Guide	Dr.Nikesh
		Type of Project *	Society
14	Rajkumar bharathi	Title	Brain tumor detection using hybrid techniques and support vector machine.
		Guide	Mrs Gowthami
		Type of Project *	Society