


**SCIENT INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNIUCATION**

**LIST MAJOR PROJECT TITLES A.Y 2021-22.**


SL.NO	Batch.No	Hall-Ticket No.	Name of the Student	Title of the Project	Name of the Guide
1	1	18C01A0411	GULLANKI SAI PRASHANTH	VLSI implementation of error detection and correction for space engineering.	Ms.G Priyanka
2		18C01A0410	GUDURU SRINITHA		
3		18C01A0402	A LAXMI PRASANNA		
4	2	18C01A0436	SHIREESHA	IOT based load sensing seats controlling lights and fans.	Ms.G Swamalatha
5		18C01A0405	CHALLAPURAM NIKITHA		
6		18C01A0421	MEDIPALLY ANITHA		
7	3	18C01A0433	PULIKANTHI PRIYANKA	An advanced public transport with tracking the vehicle and sending the location using GSM and GPS during pandemic situations.	Mr.K Saidulu
8		18C01A0438	SRIRAMULA SIRISHA		
9		18C01A0407	EDIGI AKHILA		
10	4	18C01A0440	SYED RUHEENA	AI and IoT powered smart university campus: Design of autonomous waste management.	Ms.G Priyanka
11		18C01A0419	KUTURU SUPRIYA		
12		18C01A0401	AKUTHOTA HEMANTH		
13	5	19C05A0402	GADUDHULA CHANDU	Solar based Fast tag charger for electric vehicles	Mr.P.Laxman
14		18C01A0422	MODHU NITHYA		
15		18C01A0426	NALLAGONDA SURAJ		
16	6	18C01A0444	KANDE SHILPA	Solar based Fast tag charger for electric vehicles	Mr.G Naresh
17		18C01A0441	THANGELLA MANASA		
18		18C01A0430	POLDAS MADHU SUDAN		
19		16C01A0431	N SHANKAR		
20	7	18C01A0414	KALVAKOLU SHIRISHA	Analysis of Cryptography methods for design of crypto processor.	Mr.G Naresh
21		18C01A0427	N GOWTHAM		
22		18C01A0418	KUPSALA SAI TEJA		
23	8	18C01A0406	CHILA SATYANARAYANA	Smart fire detection and Surveillance system using IoT.	Mr.B Bhagavati Rao
24		18C01A0412	KAKI GANESH		
25		18C01A0413	KALAGONI HARI KRISHNA		

  
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 Chahimpatnam, N. R. Dt -50


**SCIENT INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION**

**LIST MAJOR PROJECT TITLES A.Y 2021-22.**

SL.NO	Batch.No	Hall-Ticket No.	Name of the Student	Title of the Project	Name of the Guide
26	9	18C01A0432	PONUGOTI RAHUL	IoT based smart shoe for the blind.	Mr.K Saidulu
27		18C01A0417	KOTHVAL VARUN		
28		18C01A0420	L NITISH KUMAR		
29	10	19C05A0404	KUMMARI DILEEP	Design of IoT based Multifunctional Camouflage Military Robot.	Mr. B Vishal Raja
30		19C05A0408	PARNANDHI SRAVANI		
31		19C05A0406	MOHAMMED ZEBBA		
32	11	18C01A0425	N VAMSHI KRISHNA	Smart Irrigation and crop protection.	Mr.Bhagavati Rao
33		18C01A0404	BHASKARLA RAVI TEJA		
34		18C01A0442	T PRATHYUSHA		
35	12	16C01A0445	R PANDU	Arduino based Vehicle Accident alert system using Gps,Gsm and Mems Accelerometer.	Mr.P.Laxman
36		19C05A0410	VELUPULA VENNELA		
37		19C05A0409	SHEELAM SAIKUMAR		
38	13	19C05A0403	KUKUDALA PRAVALIKA	Smart Door System with Covid-19 Risk factor Evaluation. Contactless data acquisition and sanitization.	Ms.G Swarnalatha
39		19C05A0407	NEELALA SRAVANI		
40		19C05A0401	BAIRA MAHESH		
41	13	18C01A0437	SHUKLA VISHWANATH		
42		19C05A0405	MASHA VAISHNAVI		

  
Project Coordinator

  
ESE ROD

  
**PRINCIPAL,**  
 Scient Institute of Technology  
 Brahmapatnam, R. R. Dt - 901

A Major Project Report  
On  
**DESIGN OF AUTONOMOUS WASTE MANAGEMENT  
USING IoT**

Submitted in partial fulfillment of the requirements  
For the award of the degree

Of

**BACHELOR OF TECHNOLOGY**

In

**ELECTRONICS & COMMUNICATION ENGINEERING**

By

Mr. A. HEMANTH (HT.NO: 18C01A0401)

Ms. K. SUPRIYA (HT.NO: 18C01A0419)

Ms. SD. RUHEENA (HT.NO: 18C01A0440)

Under the guidance of  
Ms. G. PRIYANKA  
Assistant Professor



**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**SCIENT INSTITUTE OF TECHNOLOGY**

(Affiliated to Jawaharlal Nehru Technological University-Hyderabad)

**Campus: Ibrahimpatnam, R.R. District**

**2021-2022**

  
**PRINCIPAL**  
Scient Institute of Technology  
Ibrahimpatnam, R.R. District

A Major Project Report On

**SMART DOOR SYSTEM WITH COVID-19 RISK FACTOR  
EVALUATION, CONTACTLESS DATA ACQUISITION AND  
SANITIZATION**

Submitted in partial fulfillment of requirements for award of the degree

Of

**BACHELOR OF TECHNOLOGY**

IN

**ELECTRONICS & COMMUNICATION ENGINEERING**

By

**Mr.B.MAHESH(HT.NO: 19C05A0401)  
Mr.S.VISHWANATH(HT.NO:18C01A0437)  
Ms.M.VAISHNAVI(HT.NO:19C05A0405)**

Under the guidance of

**Mrs.G.Swarnalatha M. Tech**



**DEPARTMENT OF ELECTRONICS & COMMUNICATION  
ENGINEERING**

**SCIENT INSTITUTE OF TECHNOLOGY**

**(Affiliated to Jawaharlal Nehru Technological University-Hyderabad)**

**Ibrahimpattanam, R.R. District**

**2021-2022**



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**Scient Institute of Technology**  
**Ibrahimpattanam, R. R. Dt - 501 501**

**A Major Project Report**

**On**

**IOT BASED MULTIFUNCTIONAL  
COMOUFLAGE MILITARY ROBOT**

**Submitted in partial fulfilment of the requirements  
for the award of the degree**

**Of**

**BACHELOR OF TECHNOLOGY  
IN**

**ELECTRONICS & COMMUNICATION ENGINEERING**

**By**

**Mr. KUMMARI DILEEP (HT.NO: 19C05A0404)**

**Ms. MOHAMMED ZEBA (HT.NO: 19C05A0406)**

**Ms. PARNANDHI SRAVANI(HT.NO:19C05A0408)**

**Under the guidance of**

**DR.B. VISHAL RAJA ZACHARIAS(Ph.D)**




**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**SCIENT INSTITUTE OF TECHNOLOGY**

**(Affiliated to Jawaharlal Nehru Technological University-Hyderabad)**

**Campus: Ibrahimpatnam, R.R.District**

**2021-2022**

  
**PRINCIPAL**  
Scient Institute of Technology  
Ibrahimpatnam, R. R. Dt. - 501 501

A  
MAJOR PROJECT REPORT  
ON  
SMART FIRE DETECTION AND SURVEILLANCE SYSTEM USING IOT

Submitted in partial fulfilment of the requirement  
for the award of degree of Bachelor of Technology

In  
ELECTRONICS AND COMMUNICATION ENGINEERING

By

Mr.C.SATYANARAYANA (18C01A0406)

Mr.K.GANESH (18C01A0412)

Mr.K.HARI KRISHNA (18C01A0413)

Under the guidance of

Mr.B.BHAGAVATHI RAO,M.Tech

(Assistant professor)



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
SCIENT INSTITUTE OF TECHNOLOGY

(Affiliated to Jawaharlal Nehru Technological University-Hyderabad)

Campus:Ibrahimpattam,R.R District

2021-2022



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Scient Institute of Technology  
(Ibrahimpattam, R. R. Dt. -501 501)

A MAJOR PROJECT  
REPORT  
ON  
ANALYSIS OF THE CRYPTOGRAPHY METHODS FOR  
DESIGN OF CRYPTOPROCESSOR

Submitted in fulfilment of requirements for the award of the degree  
BACHELOR OF TECHNOLOGY

IN  
ELECTRONICS & COMMUNICATION ENGINEERING

By

MR. N. GOWTHAM (HT.NO: 18C01A0427)

MR. K.SAI TEJA (HT.NO: 18C01A0418)

MS. K. SHIRISHA (HT.NO: 18C01A0414)

Under the guidance of

MR.G.NARESH

(ASSISTANT PROFESSOR,ECE DEPARTMENT)



DEPARTMENT OF ELECTRONICS&COMMUNICATION ENGINEERING  
SCIENT INSTITUTE OF TECHNOLOGY

(NAAC Accredited, Approved by AICTE & Affiliated to JNTU Hyderabad)

Ibrahimpatnam, R.R. District

2021-2022

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Ibrahimpatnam, R. R. Dt - 501 506

**A Major Project Report**

**On**

**CONSTRUCTION OF AN EDUCATIONAL DEVICE FOR REAL  
TIME DATA ACQUISITION BASED ON ARDUINO FOR A  
CALORIMETRIC STUDY**

Submitted in partial fulfillment of the requirements  
for the award of the degree

**Of**

**BACHELOR OF TECHNOLOGY**

**IN**

**ELECTRONICS & COMMUNICATION ENGINEERING**

**By**

Mr.P.MADHUSUDHAN (HT.NO: 18C01A0430)  
Ms.T.MANASA (HT.NO: 18C01A0441)  
Ms.K.SHILPA (HT.NO: 18C01A0444)  
Mr.N.SHANKER (HT.NO: 16C01A0431)

Under the guidance of  
**Mr. G.NARESH, M.TECH**



**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**SCIENT INSTITUTE OF TECHNOLOGY**

(Affiliated to Jawaharlal Nehru Technological University-Hyderabad)

**Campus: Ibrahimpatnam, R.R. District**

**2021-2022**



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Ibrahimpatnam, R. R. Dist - 501 46



A

**Major Project Report On**  
**IOT BASED LOAD SENSING SEATS CONTROLLING**  
**LIGHTS AND FANS**

Submitted in partial fulfillment of the requirements

For the award of the degree

Of

**BACHELOR OF TECHNOLOGY**

IN

**ELECTRONICS & COMMUNICATION ENGINEERING**

By

SHIREESHA

(HT.NO: 18C01A0436)

CHALLAPURAM NIKITHA

(HT.NO: 18C01A0405)

MEDIPALLY ANITHA

(HT.NO: 18C01A0421)

Under the guidance of

**Mrs. G. SWARNALATHA M. Tech**  
Assistant Professor



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**SCIENT INSTITUTE OF TECHNOLOGY**

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Campus: Ibrahimpatnam, R.R. District 2021-2022

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Ibrahimpatnam, R. R. Dt.-501 50

# A Major Project Report

On

## VLSI IMPLEMENTATION OF ERROR DETECTION AND CORRECTION CODES FOR SPACE ENGINEERING

Submitted in partial fulfillment of the requirements

For the award of degree of

**BACHELOR OF TECHNOLOGY**

IN

**ELECTRONICS & COMMUNICATION ENGINEERING**

BY

Mr. GULLANKI SAI PRASHANTH (HT.NO: 18C01A0411)

Ms. GUDURU SRINITHA REDDY (HT.NO: 18CO1A0410)

Ms. ALLAKONDA LAXMI PRASANNA (HT.NO.18C01A0402)

Under the guidance of

Ms. G. PRIYANKA

ASSISTANT PROFESSOR, ECE DEPARTMENT



**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEER  
SCIENT INSTITUTE OF TECHNOLOGY**

(NAAC Accredited, Approved by AICTE & Affiliated to JNTU Hyderabad)

Ibrahimpatnam, R.R. District.

2021-2022



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Scient Institute of Technology,  
Ibrahimpatnam, R.R. Dt.-501 500