



MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY & MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

NAAC Accredited Institution with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

Department of Electronics and Communication Engineering Project Stage – II Titles with Guides (2019-2023 Batch)

A.Y: 2022-23

Section: A

Date: 17.03.2023

S.	Batch No.	Roll Number	Name of the Student	Name of the Guide	Domain	Title of the Project
1	A-1	197Y1A0404	ELURI ADARSH	Mrs. P. SARITHA	ES	Surveillance Robot Controlled by Using an android Application
2		197Y1A0411	SYED FARHATH BEGUM			
3		197Y1A0413	NATHI HARITHA			
4	A-2	197Y1A0407	RECHARLA BHANU TEJA	Dr. N. SRINIVAS	COM	Implementation of scalable encryption algorithm for data security purpose.
5		197Y1A0417	DEVULAPALLI LAXMI BHARGAVI			
6		197Y1A0418	KONDA LAXMIPRIYA			
7	A-3	197Y1A0403	TALLA ADARSH	Dr. S. KISHORE	ES	Ultrasonic(Sonar) Radar Model using Arduino
8		197Y1A0414	BUDDARAJU HEMANTH KUMAR			
9		197Y1A0420	SAVARA MANEESHA			
10	A-4	197Y1A0408	BRAHMADEVARA BHARGAVI	Mrs. R. ANUJA	ES	Arduino based fire fighting robot
11		197Y1A0410	D DIVYA SRI			
12		197Y1A0416	ZEBBA KOUSER			
13	A-5	197Y1A0402	K ABHINAV	Mr. I. ADUM BABU	COM	Diabetic tongue classification using using various classifiers
14		197Y1A0406	P AKHIL			
15		197Y1A0412	MOHAMMED FOUZUDDIN			
16	A-6	207Y5A0401	BOINI ABHILASH	Mr. BIYYANI SRINIVAS RA	ES	Development of autonomous quadcopter
17		207Y5A0402	RANGINENI ABHILASH			
18		207Y5A0403	BANTU AKHIL			
19	A-7	197Y1A0405	CHALLA AJAYREDDY	Mr. T. VINAYA KUMAR	ES	Fingerprint based bank locker system
20		197Y1A0409	BONI CHANDRASEKAR			
21		197Y1A0415	JADDU KONDALASWAMY			
22		197Y1A0419	VANUM MADHU KIRAN			
23	A-8	207Y5A0406	KADURKAPU CHANDU	Dr. G. AMARNATH	ES	Software Emulation On STM32 For Embedded Systems
24	A-9	197Y1A0434	DANDLA SAI DEEPTHI	Mrs. M. SUPRIYA	ES	Attendance system using video based face recognition
25		197Y1A0436	PENTRALA SAI SATVIKA			

S.	Batch No.	Roll Number	Name of the Student	Name of the Guide	Domain	Title of the Project
26	A-10	197Y1A0425	POTAM NANDITHA	Mrs. S. SINDHUREKHA	ES	Smart Glass for visually challenged people
27		197Y1A0426	BATHINI NAVEEN KUMAR			
28		197Y1A0428	RACHAKONDA PRAVALIKA			
29	A-11	197Y1A0437	K SAI KIRAN REDDY	Mr. E. SREENIVASULU	ES	Iot Based Smart plant monitoring System
30		197Y1A0438	CHETKURI SAI			
31		197Y1A0440	NAKKA SAI DINESH			
32	A-12	197Y1A0427	DHAARAM NAVEEN	Mr. B. KOTESWARA RAO	ES	Home Automation Using Raspberry Pico
33		197Y1A0429	MOTHAKURI RAHUL GOUD			
34		197Y1A0435	EDE SRI TARUN SAI RENU			
35	A-13	197Y1A0422	ARIKELA MANISH GOUD	Mr. D. RUPA KUMAR	ES	Design and implementation of encoder and Decoder for Cyclic Redundancy check.
36		197Y1A0424	GUTTULA NAGAKAMAL			
37		197Y1A0433	CHEPYALA SAHITH REDDY			
38	A-14	197Y1A0431	RAPOLU RAJ KUMAR	Mrs. A. RAJITHA	ES	Foot step power Generation using arduino
39		197Y1A0432	UDUGULA RAJESH			
40		197Y1A0439	GODASU SAINATH			
41	A-15	197Y1A0421	R HARI MANIDEEPREDDY	Dr. N. UDAYA KUMAR	ES	A collision detection using Arduino
42		197Y1A0423	NEVURI MANOHAR REDDY			
43		197Y1A0430	JAMBIGE RAJ KUMAR			
44	A-16	197Y1A0443	NARRA SAI MEGHANA	CH. KRISHNAVENI	ES	RFID and Keypad based home Security
45		197Y1A0446	KATTA SUMANTH ESWAR			
46		197Y1A0451	AVIRENDLA VASANTH			
47	A-17	207Y5A0407	ISHWARYA NALLA	Mrs. P. LAVANYA	ES	Manhole status monitoring and alerting using IoT
48		207Y5A0411	BOREDA KEERTHANA			
49		207Y5A0412	KOMMURI NIKITHA			
50	A-18	197Y1A0447	BUKYA SUNIL NAYAK	Dr. ASHOK NAYAK.B	COM	Histogram equalization images enhancement in spatial domain.
51		197Y1A0453	J VENKATESH HARSHA			
52		207Y5A0408	MOHD IRFAN ALI			
53	A-19	197Y1A0441	VADDEPALLY SAI KUMAR	Dr. K. NAVEEN KUMAR	ES	Content based image retrieval
54		197Y1A0444	PATNAM SAI PRASANNA			
55		197Y1A0452	R VENKATA KRISHNA KUMAR			
56		197Y1A0454	KALISSETTY VIDHYA BHARATHI			
57	A-20	197Y1A0445	SUVVARI SUDHA RANI	Mrs. B. SWETHA	ES	Attendance using rfid system
58		207Y5A0409	MADURI KIRAN KUMAR REDDY			
59		207Y5A0404	S AMITHA CHOWDARY			
60		207Y5A0410	UPPU KRISHNAVAMSHI			

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61	A-21	197Y1A0449	BHEEMSHETTY THARUN KUMAR	Mr. V. KOTESWARA RAO	ES	Voice Controlled Robot
62		197Y1A0450	CHELIKA THARUN			
63		197Y1A0455	SUNDIL VIGNESH GOUD			
64		197Y1A0442	AGAM SAI KUMAR			
65	A-22	197Y1A0448	SINGULURI TARUN	P. YUGENDER	COM	Histogram equalization image enhancement in spatial domain
66		187Y1A04H6	DHARAVATH VEDA SREE			

Project Coordinator
(Dr. B. ASHOK NAYAK)

HOD-ECE
(Dr. Srinivas Bachu)



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Department of Electronics and Communication Engineering

Project Stage - II Titles with Guides (2019-23 Batch)

A.Y: 2022-23

Section: B

Date: 17.03.2022

S.	Batch No.	Roll Number	Name of the Student	Domain	Name of the Guide	Title of the Project
1	B-1	197Y1A0464	G CHANDRIKA	VLSI	Dr. N. UDAYA KUMAR	Smart helmet for accident prevention
2		197Y1A0471	S KUSUMA KUMARI			
5		197Y1A0459	JOGINI ALEKYA			
3	B-2	197Y1A0458	APPARI AKSHAYA	COM	Mr. BHUSHAN KUNDETI	Designing of approximate multipliser using dual stage 4:2 compresor
4		197Y1A0475	BYRINENI MANVITHA			
6	B-3	197Y1A0463	NARAYANAGARI BHAVANI	COM	Dr. N. SRINIVAS	Fake image detection using python
7		197Y1A0465	BUGATHA DILEEP			
8		197Y1A0474	ELISHA MANOJ HAZARI			
9	B-4	197Y1A0467	VADAPALLI GURU SAI SATWIK	ES	Mr. I. ADUM BABU	Vehical theft detection and remote engine lock system
10		207Y5A0413	PRANAYA RAMPALLY			
11		207Y5A0415	KODANDA PAVAN			
12		207Y5A0416	MAMIDIPALLI RUCHITHA			
13	B-5	197Y1A0462	PUNNAM BHARGAVI	ES	Dr. G. AMARNATH	Development of cetain interfaces to STM-32 microcontroller
14		197Y1A0472	DARSHANALA LIKITHA			
15		197Y1A0473	ALLU LOKESHWAR RAO			
16	B-6	197Y1A0456	BACHU AKHILA	ES	Dr. SRINIVAS BACHU	Authorised face recognition system to access the door using GSM technology
17		197Y1A0460	AMAN YADAV			
18		207Y5A0414	DANDEPU PAVAN			
19	B-7	197Y1A0457	AAKULA AKSHAY KUMAR	ES	Mrs. NAGAJYOTHI	Automatic engine locking system on alcohol detection using IOT
20		197Y1A0466	MADDELA GOPI CHAND			
21		197Y1A0470	R K DURGA CHANDRA PRASAD			
22	B-8	197Y1A0461	MOHAMMAD AMAN	ES	Mr. B. KOTESWARA RAO	Advanced foot step power generation using RFID for charging
23		197Y1A0468	BANDARU JAGADEESH KUMAR			
24		197Y1A0469	SALLA JAYANTH REDDY			
25	B-9	197Y1A0486	KUNDURU RAKESH REDDY	VLSI	Dr. S. KISHORE	Analyze of 6T,7T,8T,9T,11T SRAM Cells

S.	Batch No.	Roll Number	Name of the Student	Domain	Name of the Guide	Title of the Project
26	B-10	207Y5A0417	MENTA RAJESH	COM	Mrs. S. SINDHU REKHA	Agriculture field motor control system using global system for Mobile communication (GSM)
27		207Y5A0418	GADDARASI RUDRAPRASAD			
28	B-11	197Y1A0476	PULLAGURLA MEGANA REDDY	ES	Mrs. AFROSE	Arduino based battle field assistive robot
29		197Y1A0478	BANALA MEGHANA REDDY			
30		197Y1A0491	MYDHAM SAI SUMANTH			
31	B-12	197Y1A0477	CHAGANTI MEGHANA	ES	Mrs. B. SWETHA	An Efficient tracking system for Air and sound pollution
32		197Y1A0481	SURYADEVARA NIKHIL			
33		197Y1A0485	BOYAPATI RAJYA LAKSHMI			
34	B-13	197Y1A0482	CHATLA NIKITHA	VLSI	Mr. P. YUGENDER	Design & implementation of FPGA using SHA-1
35		197Y1A0490	AYYAGARI NAGA SAI SRIHARSHINI			
36		197Y1A04A2	GANUGULA SRINIVASU			
37	B-14	197Y1A0479	JUNJIPELLY NAVEEN SHYAMRAO	ES	Mr. A. ANIL KUMAR	Vehicle theft detection using microcontroller
38		197Y1A0483	THATIKONDA PRAVEENKUMAR			
39		197Y1A0494	MINUMULA SANDEEP KUMAR REDD			
40	B-15	197Y1A0480	KANNA NIKHIL	ES	V. SANTHOSH KUMAR	Home Automation system using Raspberry Pi Pico
41		197Y1A0488	BORRA SAI PRIYA			
42		197Y1A0495	SANJANA VUPPALA			
43	B-16	197Y1A0484	DEVI RAJU	ES	Mrs. P. LAVANYA	Attendance system using artificial intelligence
44		197Y1A0487	TALARI RAKESH			
45		197Y1A0489	GORTHY SAI SATHVIKA			
46		197Y1A0492	KOLLU SAI VIKAS REDDY			
47	B-17	197Y1A04A4	THALAVELMA UDAY TEJ GOUD	ES	Mrs. R. ANUJA	Accident alert and vehicle tracking system
48		197Y1A04A9	YANDAMURI VIJAY SWAMY			
49		19E31A0452	RAJASHEKAR KONAM			
50	B-18	207Y5A0419	MUDDARABOINA SAI SUMANTH	ES	Dr. ASHOK NAYAK.B	Finger print based electronic voting machine
51		207Y5A0420	MARABOINA SAI KRISHNA			
52		207Y5A0422	GODUGU SRIDHAR			
53	B-19	207Y5A0421	CHALLA SAMPATH KUMAR	COM	Dr. K. NAVEEN KUMAR	Content based image retrieval
54		207Y5A0423	DONTHULA SAI KIRAN			
55		207Y5A0424	KASANAGOTTU. SAI			
56	B-20	197Y1A0496	PULLAMOLLA SATHISH REDDY	ES	Mrs. D. MALATHI RANI	Solar powered autonomous multipurpose agriculture robot
57		197Y1A0497	MARTHA SATHWIKA			
58		197Y1A0498	POTRU SHAMITHA			
59		197Y1A0499	DUBASHI SHARAN			

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60	B-21	197Y1A04A0	TUMMALAPALLI SRI LATHA	COM	Mrs. A. RAJITHA	Amazon user segmentation using k-means clustering
61		197Y1A04A3	BAIROJU SRIVARDHAN			
62		197Y1A04A5	TOKACHITCHU UMESH CHANDRA RA			
63		197Y1A04A7	VASINA VEENA			
64	B-22	197Y1A04A6	P VAMSI	ES	Mr. K. NAGA RAJU	Train accident prevention
65		197Y1A04A8	PENDEM VIJAY			
66		197Y1A04B0	PODISHETTY VIKAS			

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Department of Electronics and Communication Engineering

Project Stage – II Titles with Guides (2019-2023 Batch)

A.Y: 2022-23

Section: C

Date: 16.03.2023

S.	Batch No.	Roll Number	Name of the Student	Name of the Supervisor	Domain	Title of the Project
1	C-1	197Y1A04B1	ABDULLAH INAAM	Dr. N. UDAYA KUMAR	COM	AI based cyber threat detection by security information and management system using event profiles
2		197Y1A04B9	BACHHU DEEKSHITHA			
3		197Y1A04C0	KAMMARI DEEPIKA			
4	C-2	187Y1A0405	RAAVI BHARAN	P. YUGENDER	COM	Cryptographic data transaction for iot devices
5		197Y1A04B4	ANKITA PANDEY			
6		197Y1A04B5	DEREDDY ANVESH REDDY			
7		197Y1A04C1	MANKENA VYKUNTA DHEERAJ			
8	C-3	197Y1A04B6	RAYA AYYAPA REDDY	Dr. S. KISHORE	ES	Auto capturing selfie by detecting smile
9		197Y1A04C2	KAVERINGARI HARISH REDDY			
10	C-4	197Y1A04B7	KOPPIREDDY BHAVANI	Dr. G. AMARNATH	ES	IMPLEMENTATION OF FACE RECOGNITION ATTENDANCE SYSTEM USING PYTHON
11		197Y1A04D0	DHARAMKAR MOTIRAM MANISH			
12		207Y5A0425	RAMULA SAI JAYANTH			
13		207Y5A0426	BANOTH SATHISH KUMAR NAIK			
14	C-5	197Y1A04B2	BADDAM AMARENDER REDDY	G. KRISHNAVENI	ES	Text summarization and sentimental analysis
15		197Y1A04B3	THIMMAREDDY ANIL REDDY			
16		197Y1A04C8	CILARI MODEPU VANIVAISHNAVI			
17	C-6	197Y1A04C3	BUJARANPALLY HARINI	Mrs. B. SWETHA	ES	Light automation using Aurdino and ultra sonic sensor
18		197Y1A04C5	VEERANKI JYOSHNA BHASKARI			
19		197Y1A04C6	GOPATHI LAKSHMI PRASANNA			
20	C-7	197Y1A04B8	C BHUVANESHWARI	Mrs. P. LAVANYA	ES	Audio LEC (audio lecture analysis)
21		197Y1A04C4	SANKA JITHENDAR NEERAJ			
22		197Y1A04C7	GOUNDLA LAVANYA			
23	C-8	197Y1A04E5	NAKKA REVATHI	Dr. ASHOK NAYK.B	COM	Barcode detection and decoding using image processing
24		197Y1A04E9	VALAKATLA SOWMYA			

S.	Batch No.	Roll Number	Name of the Student	Name of the Supervisor	Domain	Title of the Project
25	C-9	197Y1A04D1	KALUVAKUNTLA MOUNIKA	Mr. D. RUPA KUMAR	VLSI	Design and implementaion of enhanced encoder using hybrid CRC and parity-check-concatenated polar codes
26		197Y1A04E3	BELLALA PREETHI			
27		207Y5A0427	REGU SAIKUMAR			
28	C-10	197Y1A04D3	EGGA MURALI	Dr. N. SRINIVAS	VLSI	Design & Analysis of ALO Architecture
29		197Y1A04D6	KUDIPUDI NITISH SAI			
30		207Y5A0428	SAMPATH SUHAS			
31	C-11	197Y1A04D2	MUDASSAR AHMED	Dr. K. NAVEEN KUMAR	COM	Image processng using web application programming interface
32		197Y1A04D5	THANGALLAPALLY NITHIN TEJA			
33		197Y1A04E7	RACHAMALLA ROSHAN REDDY			
34	C-12	197Y1A04E6	SUDAGONI ROHITH	Mrs. S. SINDHU REKHA	ES	Smart Glove that translates sign lanuage into speech
35		197Y1A04E8	PALLE SHIVA RAM			
36		197Y1A04F0	KAVITI SRAVANA SANDHYA			
37	C-13	197Y1A04D4	THALLAPELly NISHANTH GOUD	Mr. A. ANIL KUMAR	COM	Content based Image retrival by Deep Learning
38		197Y1A04D7	SHAIK PARVEZ			
39		197Y1A04D9	PRUDHIVI PHANI KUMAR			
40	C-14	197Y1A04D8	BASIREDDY PAVANKALYAN	Mrs. P. SANDHYA	COM	Speech Emotion Recognition
41		197Y1A04E1	GEDELA PRATHYUSHA			
42		197Y1A04E2	MINUMULA PRATHYUSHA			
43	C-15	187Y1A0417	MANOJ KUMAR	Mr. T. VINAYA KUMAR	ES	Diabetic tongue classification using using various classifiers
44	C-16	197Y1A04E0	BEGARI PRANEETH KUMAR	Mr. V. KOTESWARA RAO	COM	Colour detection in open CV Python
45		197Y1A04E4	KODURU RAVIKANTH			
46	C-17	197Y1A04F1	BHOGI REDDY SRAVANI	Mr. I. ADUM BABU	ES	Design and implementation of IoT based energy management
47		197Y1A04F2	GATLA SUPRIYA			
48		197Y1A04F3	E SWATHI			
49	C-18	197Y1A04F5	MUTHYAM VISHAL RAO	Mr. B. KOTESWARA RAO	ES	Diabetic tongue classification using using various classifiers
50		197Y1A04F6	N YASHWANTH			
51		197Y1A04G0	PEDDAGONI RANJITH			
52	C-19	197Y1A04F4	CHINTAKAYA VINAY	Mrs. D. MALATHI RANI	ES	Leaf disease detection and remedy recommendation using CNN
53		197Y1A04F8	K HIMAKANTESWAR REDDY			
54		197Y1A04G1	R. PHANINDRA KUMAR			

S.	Batch No.	Roll Number	Name of the Student	Name of the Supervisor	Domain	Title of the Project
55	C-20	197Y1A04F9	KANDUKURI SHIVA PRASAD	Mr. BIYYANI SRINIVAS RAO	COM	Patch antenna analysis and design
56		207Y5A0429	AILAPURAM SUNIL SANDESH			
57		207Y5A0436	VIVEKSAI			
58	C-21	207Y5A0431	CHALLA.TEJA REDDY	Mr. BHUSHAN KUNDETI	ES	Leaf disease detection using CNN and RASPBERRY PI
59		207Y5A0437	KAREGAM VARUNA			
60		207Y5A0438	THALLAPELLI VENKATESH			
61	C-22	207Y5A0430	ALIKONDA SUREKHA	Mrs. M. SUPRIYA	COM	Seasonal Crop Yield Prediction Through machine Learning
62		207Y5A0432	POLU VISHNU RAJ			
63	C-23	207Y5A0433	VENKATESH PUPALAGUDAM	Mr. K. NAGA RAJU	ES	Development of autonomous quadcopter
64		207Y5A0434	VEMULA VINEETH			
65		207Y5A0435	RALLAPALLI VENKATA ROHITH KUMAR			
66	C-24	187Y1A0478	GOURANI JAYANTH	Mr. E. SREENIVASULU	ES	Automatic plant irrigation system with message alert
67		187Y1A0493	V RAJESH			
68		187Y1A0499	A SAI KARTHIK			

Project Coordinator
(Dr. B. ASHOK NAYAK)

HOD-ECE
(Dr. Srinivas Bachu)