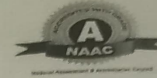




SETHU INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ECE
15UEC609 - TECHNICAL PROJECT



III YEAR /VI SEM

ACY 2020 - 2021

Project Viva voce date: 22nd and 23rd July 2021

PROJECT BATCH DETAILS

S.No	Batch No.	Student Name	Guide Name	Section	Project Title
1	1	K.MEENAPRIYA	Mr. B.Muthupandian	B	Water Management Automation System
2		P.MOHANALAKSHMI			
3		P.RAVIN			
4	2	RAMSITHU M,	Mrs. G.Ramu Priya		Face recognition using SOM
5		RAMESH M			
6		RONALD REAGAN T			
7	3	B. MADHUMITHRA	Mr. B.Muthupandian		FPGA Implementation of Fault Tolerant Adder using Verilog for High speed
8		L. PRADEEPA			
9		S. NANDHINEESWARI			
10	4	P. PADMA PRIYA	Mr.A.Manoj Prabhakaran		Detection of mobile objects using deep learning approaches
11		S.RAGARANJANI SRI			
12		T.KARTHIYA PRIYA			
13	5	R.LAVANYA	Mr.A.Manoj Prabhakaran		Brain tumor detection using Image processing techniques
14		P.RAJI PRIYA			
15		V.RAJEE			
16	6	LENIN PRASANNA . M. G	Mr. Selvaprasanth. P		Smart Home Automation
17		KISHORE. K			
18		LAKSHMANAN. R			
19	7	MULLAI VENDHAN G.K	Mr. Selvaprasanth. P		RFID Windows using PC lock/Unlock
20		NANDHAVIGNESH.S			
21		NITHISH RAJ G			
22		NAVEEN KUMAR			
23	8	R .RAMAN	Mrs. S.Sakena Benazir		UVC Bot
24		K.R.KAMESH RAJA			
25		RAMJLV			

26	9	KISHORE KUMAR. A	Dr.T.Venish Kumar	Reversible Vedic Multiplier with TRLIC
27		MADHANAGOPAL. S		
28		MOHAMED SUBAIR.T. S		
29		MOHAMMED LATHEEF. K		
30	10	OLIVER AJAAY	Dr.Shahul Hameed. K. A	Home Automation Using Arduino Board
31		UKKIRA PANDI SETHUPATHI		
32		DHAVARSANAM		
33	11	M.MOHAMED HAZZALI	Dr.Parisa Beham	Advance Smart Garbage System Using RFID
34		A. R.PRANAU RAMANA MANI		
35		V. RAJA PRABHU		
36	12	RIYASH AHAMED	Mrs.M.Pandima devi	Laser security alarm system using arduino
37		NITHIS		
38		RAMKUMAR		
39	13	M.NISHADH HUSSAIN	Mr. John Pragasam. D	Integrating IOT Technology For Bridge Health Management
40		K.RAHUL		
41		P.R.SURYA KUMAR		
42	14	MINUMITHRA G.N	Dr.N.R.Indira	3D LED Cube using Arduino
43		N.MAHALAKSHMI		
44		I.RAKSHANA		
45	15	KARTHICK RAJA M	Dr.A.Ahila	Wireless notice board using audiuno
46		MOHAMED ABDUL RAHMAN S		
47		MOHAMED JALEEL M		
48	16	SAKTHI KUMAR M	Mrs.P.Deepa	Medi Teller
49		VENKAT SUNDAR S M		
50		VENKATESH R R		
51	17	SAMAYASANJEEVI K	Mr.Sathyanathan	Automatic room light using Aurdino and PIR sensor
52		SANTHOSH M		
53		SATHISHKUMAR K		
54	18	SAMBATH KUMAR P M	Mrs.G.Ramupriya	Smart Farming
55		SIVAKUMAR B		
56		SARVA VISHVA A		
57		SOUNDARASAMY K		

58	19	SAMSON S	Dr.Vasuki
59		VIJAYA KRISHNAN K	
60		VISHNU VARDHAN B J	
61	20	SANTHANA KARTHICK G	Mrs.P.Deepa
62		SANTHOSH C	
63		SASIDHARA PRABU G	
64	21	SARAVANAKUMAR A	Mr.Michael Vinoline Rinoj
65		SIVA HARISH J	
66	22	SATHICK BATCHA N	Mr.Sathiyathan
67		SIVARISHI KARTHICK K	
68		SYED AJMAL BASHA S	
69	23	SATHIYAPRIYA A	Mr.R.Abdulsikkandhar
70		SHARMILA S	
71		SWETHA S	
72		SONA M	
73	24	SHAHEEL IBRAHEEM S	Mrs R.Devika
74		SIVA C	
75		VIMALRAJ K	
76		SRIDHAR S	
77	25	SIBI R	Dr.R.karthik
78		UMAPATHI C	
79		ARUN U	
80	26	SIVA SARIHA K	Mr.Selvakumar
81		SUFREEN BEGAM U S	
82		SANABEGUM J	
83		SURIYAKAMALI M	
84	27	SIVAGAMANI D	Mrs.T.Ruba
85		VAISHNUPRIYA G K	
86		RIZWANA FATHIMA K F	
87	28	SNEHA S A	Dr.N.R.Indira
88		UMA MAHESWARI G	
89		YASIKA S M	

C

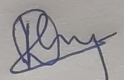
Automatic Chemical dispenser
Image segmentation of Blood vessels in retinal fundus images
Bidirectional Up and Down Counter
SMS Based Notice board usign GSM module and Aurdino
Design and simulate grid connected solar PV system for residential
Super sensitive intruder Alarm
Effective Heart disease prediction using hybrid Machine Learning Technique
Hand talk assistive technology for physically challenged
Patch Antenna for wireless application

90	29	SOLAIMANI S	Dr.R.karthik	Detection of Abandoned objects in crowded environment
91		TAMIL SELVAN R		
92		VIJAY SWAMINATHAN T		
93	30	SURYA PRAKASH S S	Mrs. A.Shakin banu	Classification of satellite image
94		SYED IRSHAD AHAMED A		
95		PRAKASH KUMAR K		
96	31	BHARKAVI SANDHIYA M	Dr.Parisa Beham	MEDIROBO
97		JEYA BHARATHI A		
98		JEYA PRIYA R		
99	32	DINESH J	Mrs.Kaniamutham	Speed check to detect Rash driving on vehicles
100		CHANDRU J		
101		AAKASH KUMAR N		
102	33	ARUN A	Mr.Nagaraj	Blue tooth technology
103		BALAKRISHNAN J		
104		GANESH PANDIAN S		
105	34	JANCY ANGEL M	Dr.Parisa Beham	Blind walker-walking stick with intelligence
106		KEERTHANA		
107		KIRUPASRI		
108	35	AKILKUMAR N	Mrs.Fathu Nisha	Defect detection in fabric images using image processing techniques
109		ABU ASLAM A		
110		GUZULUDEVA E		
111	36	DEEPAN T	Mr.Nagaraj	Natural disaster monitoring for hill area safety
112		ALAGESHWARAN M		
113		CRISTO CLINT J		
114	37	VINOTHKUMAR M	Mrs.Fathu Nisha	Iot based smart energy meter
115		ARUN PANDIAN T		
116		ARUNKUMAR D		
117	38	GOKULA KRISHNAN A	Dr.Vasuki	Automatic disease by support vector machine
118		DEEPAK K		
119		BALAJI T		
120	39	ARUSH PRATHYUNAN M	Dr.Ahila	Remote sensing off arms using agricultural iot devices
121		BADHRI V M S		
122		ARAVIND K		

124	40	DINESH KUMAR D	Dr.Ahila
125		JEEVA PRAGASH R	
126		BHUVANESWARAN K	
127	41	ATCHAYA B	Dr.Parisa Beham
128		KARPAGAM	
129		KALEESWARI	
130	42	ANISH SULTHANA T	Dr.Sheik dawood
131		BARAKATHUL FATHIMA M	
132		ULAGESHINI	
133	43	GAYATHRI NR	Dr.karthika devi
134		ANBU SELVI M	
135		DHANISHA RANI B	
136	44	FAIZAL AHAMED Z	Dr.karthika devi
137		ABDURRAHMAN S	
138		JEGAN P	
139	45	JAYASHREE G	Mrs. S.Amalorpava Mary Rajee
140		AMUTHA M	
141		ESWARI.M	
142	46	HEMA S	Dr.Shahul hameed
143		BENINAL B	
144		NIVETHA LAKSHMI S	
145	47	DINESH KUMAR S M	Mr.Adbdul sikkandar
146		JUSTUS PAUL IMMANUEL	
147		ARSHAD KHAN J	
148	48	JAYAKAARTHIK K S	Mrs.Kani amutham
149		AJEESHKHAN S	
150		JOHN PETER Y	

A

Automatic disease by supportvectormachine
Saline monitoring system
Internet of Things (IoT) based Adroit Agriculture – An acute savvy system
An automatic detection of retinal fundus image
Texture analysis on ct ankle images
Blood glucose level monitoring by noninvasive method using near infra red sensor
Brain tumor detection using vgg16 with data augmentation on magnetic resonance images
Gas compensator
Web bot automation engine

 [P. DEEPA, APLECE]

Head Of The Department,
Electronics & Communication
Sethu Institute Of Technology,
Kariapatti-626 115

SETHU INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ECE
IV YEAR ECE - PROJECT BATCH

ACY:2020-2021

S.No	Batch. No	Batch members	Section	Project Guide	Title of the Project
1	1	Shifa A	Section-C	Dr. T.Venish Kumar	Quick Shopping Cart
2		Srinithi I			
3		Suruthi M			
4	2	Sagitya V B		Mr.A.Nagaraj	ECOTTON - A DEVICE TO DETECT COTTON LEAF DISEASE
5		Sandhiya S			
6		Rooban Kumar B			
7	3	Renuka Devi K		Mr .T.venish kumar	Human Identification Using Partial Figerprint
8		Thipthi K			
9		Sherin Kiruba DN			
10	4	Serena Julius A		Dr.R.Tamilselvi	ANALYSIS AND DETECTION OF OSTEOARTHRITIS USING IMAGE PROCESSING ALGORITHMS
11		M.Niranjana			
12		Rakshana S			
13	5	Renuga. M		Dr.M Sheik Dawood	Decoding text device for speech impaired people
14		Vimala. G			
15		Ramalakshmi. G			
16	6	T. Sangeetha		Dr.Indira	Design and Implementation of CHATBOT in the Health Industry to detect COVID-19 Using Cloud Computing Techniques
17		G. Rubha Devi			
18		R.Roopu Sri			
19	7	B Sathish Kumar		Mr.Muthupandian	CARING NEST - A BLOOD MANAGEMENT WEB APPLICATION USING DJANGO
20		R Shriram Prasath			
21		G Satchindra			
22	8	B.Priyanka		Mrs.Ramupriya	Detection of Fraudulent action in biometric Using Image Quality Assessment
23		S.Tamilbharathi			
24		Vasantha Kumar R			
25	9	Vishnu Kumar T K		Dr.Indira	Textile Antenna for Wireless Application
26		Ram Kumar S			
27		Yogesh Waran B			
28	10	Vinoth Kumar S		Mrs.AmolopavaMary Rajee S	AN ENERGY HARVESTED COGNITIVE NETWORK COMBINING COOPERATIVE SENSING AND ATTACK DETECTION
29		Vivek S			
30		Santhosh Kumar.S			
31	11	Satheesh.S		Mrs.AmolopavaMary Rajee S	smart vacuum cleaning robot
32		Riyas Khan.M			
33		R.Sureshkumar			
34	12	B.Subash		Mrs.Ramupriya	GSM Based Vehicle Tracking and Theft Alarm System
35		A.Sabareeswaran			
36		Sasikala.S			
37	13	Shalineeshwari.M		Mrs.Devika	LINE FOLLOWER FIRE EXTINGUISHER ROBOT
38		Varusai Mohammad S			
39		Surya Prakash K			
40	14	Pukazhi Raj N		Mr.Michael	Artificial Intelligence Based Glaucoma Detection Using Deep Learning Approach
41		Sathishkumar S			
42		Saran M			
43	15	Rahul Kumar G		Mr.Michael	UV Disinfecting Robot
44		V.Vignesh			
45		Vickram.S			
46	16	T.Thava Krishna Murugan		Mrs.Fathu Nisha	Smart street light metering system
47		Saravanaperumal			
48		M.Velrajan			
49	17	Yogesh Bala. B. K		Mrs.Fathu Nisha	Defect Identification in Fabric Images Using Digital Image Processing
50		Rajavel			
51		K.Krishna Kumar			
52	18	D.Nageshwaran		Dr.Ahila	FACE MASK DETECTION USING MACHINE LEARNING TECHNIQUE
53		M.Praveen Bala			
54		J.Mohamed Ashik			
55	19	S.Prithivi Raj		Dr.P. Vasuki	SMART MENTAL HEALTH CHATBOT USING MACHINE LEARNING
56		T.Mohammed asiq			

57	20	Madhumitha.N
58		Koushika. R
59		Lavanya M
60	21	B.Mohammed Yahiya
61		M.Manivel
62		P.Mukesh Kiran
63	22	A.Nivetha
64		M.Muthumari
65		M.Lakshmi deepika
66	23	M. Madhumathi
67		N. Kaviya shree
68		N. Nivetha
69	24	D.Padmapriya
70		K.Kanaga
71		G.Nagalakshmi
72	25	A.Priya dharshini
73		S Priya dharshini
74		N Logasri
75	26	M.Mohana Sundaram
76		P.M.MohamedSuhail
77		K.Manikandan
78	27	A.Keerthana
79		A.Nandhini
80		T.Nivetha Pushpam
81	28	M.Manoj kunar
82		S.Prasanna karthick
83		K.Praveen Nikethan
84	29	M.PRAGADESHWA R
85		N.KAMESH
86		M.RAMESHWARAN
87	30	G.Padmakumar
88		M.Mohamed Rizwan
89		Karnishwaran
90	31	K. Paarimanan
91		P. Oorkavalan
92		S. Naveen
93	32	Karthigaiselvam
94		Mahendran V
95		Pradeepkumar
96	33	Naveen sivamani
97		Prasanna venkatesh
98		Premkumar
99	34	Krishnakumar P
100		Kannan
101		Mohammed Faizal
102	35	K.Priyadharshini
103		Preetha D

Section-B

Dr.P.Vasuki	CLASSIFICATION OF TARGET SPOT AND BACTERIAL SPOT IN TOMATO LEAVES
Dr.Ahila	Cellphone operated Land Rover
Dr.R.Karthick	Design and Development of Mobile object Detection using Tensor Flow Lite and Deep Learning Approaches
Mr. Selvakumar	An Efficient CNN Method for Speech Recognition System for Speech to Image Conversion Using MATLAB
Dr.Karthika devi	FUZZY BASED CARIES SEGMENTATION IN DIGITAL DENTAL IMAGES
Mr.sathya Nathan	Design and Development of Water Quality Prediction Using Machine Learning Approaches
Dr. R.Karthiga devi	PERFORMANCE ANALYSIS OF SEMI-AUTOMATED DENTAL CYST SEGMENTATION
Mrs.Pandima Devi	AUTOMATED GLAUCOMA DETECTION FROM FUNDUS IMAGE USING IMAGE
Mr.Manojprabhakar	Identifying Pollution Sources and Predicting Urban Air Quality Using Machine Learning Approaches
Mr.SelvaKumar S	Sign language Glove with Voice Synthesizer
Dr.R.Karthick	Detection of Dermatitis using Mobile application developed by Open CV
P.Selvaprasanth	EyeBall Movement Based Cursor Control Using Open CV
Dr.K.A.Shahul Hamed	ACCIDENT PREVENTION BY EFFICIENT BRAKE MONITORING AND CONTROLLING
Mrs.P.Deepa	Multimodal Image Fusion Using Non-Sub Sampled Shearlet Transform
Ms.Kaniamudham	COVID19 IMAGE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORK
Mr. Arunkumar	RECOGNITION OF FLY SPECIES BASED ON RESNET FOR AGRICULTURE USING

104		Aarthy S	Section-A	Dr. Tamil selvi R	EASY ANALYSER FOR BONE RISK (KNOWURBONE)
105	36	Aarathi M,		Dr.M.Parisa Beham	Development of Comuter Aided System for Pneumonia Detection
106		Christina Magdalin J,			
107		S.Aabitha Nasrin,			
108	37	K.Akshaya		Dr M Parisa Beham	Non-invasive Fetal Stress Monitoring Device
109		P.Joshika			
110		J Aafrin Shaqthaj			
111	38	Sk Gayathri,		Mr. Sheik Dawood	TRANSLATING A NEURAL SIGNAL TO TEXT USING BRAIN COMPUTER INTERFACE(BCI) FOR SPEECH IMPAIRED
112		M Durga Devi,			
113		Dhanalakshmi. P		Mr.D.John Pragasam	Handy Technology to Detect COVID-19 Symptoms
114	39	Bavithra. V			
115		Anbuselvi. K. , ,			
116		A.Angeline Thelma		Mr.D.John Pragasam	NON-TARIFF DATA NETWORKS
117	40	M.Archana Shre			
118		S.Anees			
119		B. Ajay Venkateswara Pandian			
120	41	R. Anand			
121		R. Anbu Vijay			
122		Guru Shankar,		Abdul sikkandhar R	Non-invasive Monitoring of Glucose Levels
123	42	Harul Dhanraaj,			
124		James Daniel		Mr.B.Muthu pandian	Implementation of Vedic Multiplier Using Reversible Logic
125		Ebinezer Raj F,			
126	43	Gokul M		Mr. P. Selvaprasanth	Detection of plant leaf disease using image segmentation and soft computing techniques
127		Boris Ignatius Rigley,			
128		Esther		Mrs.P.Deepa	Energy Saving Technology for 5G Base Station
129	44	Jayalakshmi			
130		Angeline Rasica		Mr R Abdul Sikkandhar	DUAL AXIS SOLAR PANEL TRACKER FOR ENERGY PRODUCTION
131		Akila,			
132	45	Annalakshmi,	Mr. N. Sathiyathan	Effective Heart Disease Prediction Using Hybrid Machine Learning Techniques	
133		Angelin Grace			
134		K Abarna,	Mrs.M.Pandimadevi	IoT BASED AUTOMATIC PATIENT MOVEMENT MONITORING SYSTEM USING ARDUINO UNO	
135	46	S Joyce Priya,			
136		R Kalaivani	Dr. Shahul hameed K A	Automatic Farming for Minimum Water Usage And Animal Prediction Using Fencing with GSM	
137		S. Jacl Evangelin,			
138	47	A. Irudhaya Sherlin,	Mrs.Devika	Smart Wheel Chair	
139		M. Gayathri			
140		V.Balakumar	Mr.A.Manoj Prabaharan	ADVANCED MODEL OF WATER LEVEL CONTROLLER	
141	48	N.Ajmeer Kaja Mohaideen	Mr.A.Manoj Prabaharan	Lung nodule detection with deep learning in 3D Thoracic MR images	
142		S.Indrakumar	Mrs.N.Kaniamudham	Microcontroller based smart helmet using GSM/GPS	
143		Naeem Mohamed K. ,			
144	49	Jazten Kennath J K			
145		Haridharasanan B			
146		S.Arul Muthu Kumar,,			
147	50	S.Arun Sakthi			
148		S.Bala Saran			
149	51	Dinesh Kumar,			
150		Gurumariappan S			
151	52	Aravindhini S			
152		Devavandhana V			
153		A.A.Bayaz Ahamed, ,			
154	53	V.R.Abdul Ajees			
155		S.Guruvishnu			

Batch No	Date of Exam
01 to 27	02.07.21
28 to 53	03.07.21

11/1/22

11/1/22
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