



K S INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
6th Semester Mini Project Teams, 2023-24

Course Code : 21ECMP67

Course Name: Mini Project

SI No	Team no.	USN	Name	Title	Guide
1	1	1KS21EC002	ABHIJITH R	Car -Smart Cockpit	Dr. P N Sudha
2		1KS21EC036	KARAN S		
3		1KS21EC089	SHAIK ARFATH		
4		1KS21EC095	SPOORTHY M U		
5	2	1KS21EC020	BINDUSHREE S	ARM Cotex-M3 based Elevator	Dr B Sudarshan
6		1KS21EC041	LIKITHA L		
7	3	1KS21EC007	AKSHAY M S	Smart Medecine box	Dr. Rekha N
8		1KS21EC042	LOHIT S HOOLAGERI		
9		1KS21EC043	LOHITH B		
10		1KS21EC045	MANOJ T V		
11	4	1KS21EC026	DEEKSHA H K	Structural analysis of a retro fit bike integrated with 5G tracking system	Dr. Dinesh Kumar D S
12		1KS21EC035	KAMBHAMPATI VIVEK		
13		1KS21EC051	NANDAN K		
14		1KS21EC054	NAVEEN S		
15	5	1KS21EC023	CHIRANTH V V	GPS geofencing	Mr. B.R.Santhosh Kumar
16		1KS21EC033	HEMANTH D R		
17		1KS21EC053	NARAHARI N JOSHI		
18		1KS21EC055	NAYANA J		
19	6	1KS21EC015	B N JEEVAN	Smart water bottles	Dr. Devika B
20		1KS21EC028	GAGAN V		
21		1KS21EC029	GAGANA SINDHU N		
22		1KS21EC059	PAVAN M PAI		
23	7	1KS21EC004	ABHISHEK T S	Voice controlled Wheel chair	Mr Christo J
24		1KS21EC005	AISHWARYA A		
25		1KS21EC019	BHUVANA H		
26		1KS21EC058	OMKAR N BHUJARKAR		
27	8	1KS21EC006	AKSHAY C	Traditional Fan	Dr. B Sudarshan
28		1KS21EC010	ARCHANA G M		
29		1KS21EC013	ASHCHARYA N B		

30		1KS21EC032	HARINI L		
31	9	1KS21EC008	ANAGHA PRAKASH		Mrs. Vishalini Divakar
32		1KS21EC009	ANIRUDHA R BHAT		
33	10	1KS21EC040	KUSUMA M S	Smart Parking System	Mrs. Priyadarshini V
34		1KS21EC031	GURUSHANKARA M		
35		1KS21EC060	POLURU MANJUNATH		
36	11	1KS21EC017	B S BHARGAV	Smart Bridge	Mrs.Sangeetha.V
37		1KS21EC021	CHINTAN D S		
38		1KS21EC048	MITHUN C		
39	12	1KS21EC001	AADHYA B N	Bidirectional Human Counter	Dr. Electa Alice Jayarani A
40		1KS21EC011	ARCHANA M		
41		1KS21EC027	DEEPIKA D		
42	13	1KS21EC024	DAGGUPATI CHARITHA	Clean Sweep Bot	Dr. Electa Alice Jayarani A
43		1KS21EC025	DAMINI S		
44		1KS21EC050	MUTTHULURU SAI HIMAJA		
45		1KS22EC404	GONUGUNTLA SHRUJANA		
46	14	1KS21EC038	KOMALA N	Coin based mobile charger and SMS sender	Mr. Saleem S Tevaramani
47		1KS21EC039	KUSHAL GOWDA U		
48		1KS21EC044	LOHITH S		
49	15	1KS21EC047	MISBA M	Fixed wing vertical take off landing drone	Mr. Satish Kumar B
50		1KS21EC049	MONISHA D		
51		1KS21EC056	NAYANA S		
52		1KS21EC061	POOJA R		
53	16	1KS22EC400	ADITHYA D	Smart Library	Mrs. Bhargavi Ananth
54		1KS22EC401	APOORVA B		
55		1KS22EC405	HEMA K		
56		1KS22EC406	PAVANGOWDA H P		
57	17	1KS21EC003	ABHISHEK H C	Controlling appliances using NRF mobile	Mrs. Bhanumathi A
58		1KS21EC014	ASHWIN S R		
59		1KS21EC037	KEERTHANA S		
60		1KS21EC046	MEGHANA N		
61		1KS21EC018	BHAVYA K		

62	18	1KS22EC402	B SREEPADREDDI H BULLANGOUDAR	Exam Hall and seating allotment system	Mrs. Kavya B M
63		1KS22EC403	CHAITRA N		
64		1KS22EC411	SUDEEP P		

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
6th Semester Mini Project Teams, 2023-24

Course Code : 21ECMP67

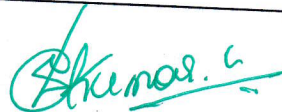
Course Name: Mini Project

Sl No	Team no.	USN	Name	Title	Guide
1	19	1KS21EC062	PRAJWAL D	Dule Axis Solar Tracker	Mrs. Anita. P
2		1KS21EC071	RAGHAVENDRA NARAYAN PUJAR		
3		1KS21EC082	SAI RAHUL N		
4		1KS21EC109	UDAYA KUMAR S R		
5	20	1KS21EC064	PRAJWAL H S	Audio transfer using Li-Fi Technology	Mrs. SUMA SANTOSH
6		1KS21EC088	SATHYAM KUMAR MANDAL S		
7		1KS21EC091	SHREYAS RAGHAVENDRA V		
8		1KS21EC114	VEERESH K N		
9	21	1KS21EC065	PRAJWAL R	IOT Based Smart Agriculture Protection & Monitoring	Ms. Amrutha R
10		1KS21EC066	PRATHAM R SHANBHAG		
11		1KS21EC069	PREKSHA S		
12		1KS21EC084	SANJANA V		
13	22	1KS21EC068	PREETHAM M	IOT Based finger print door locking system	Mr. Naveen Kumar S
14		1KS21EC074	RAYADURG JOISH SHRIYA		
15		1KS21EC076	RITESH KUMAR SINHA		
16		1KS21EC118	VIJAY YADAV R		
17	23	1KS21EC070	PUNITH M	LPG gas leakage detection and monitoring system	Mr. Christo J
18		1KS21EC086	SANJAY N		
19		1KS21EC090	SHASHANK C U		
20		1KS21EC112	VARSHA S DAVASKAR		
21	24	1KS21EC072	RAKSHITH S	IOT Based ECG heart rate Monitoring system	Dr. P.N Sudha
22		1KS21EC085	SANJAY G		
23		1KS21EC101	SUPREETH A		
24		1KS21EC103	SUSHEN KRISHNAPUR		
25	25	1KS21EC073	RAKSHITHA M R	Electronic Voting Machine	Mrs. Ramya K R
26		1KS21EC099	SUNEETHA		
27		1KS21EC100	SUNEHA S		
28		1KS21EC102	SURABHI K R		
29	26	1KS21EC075	REHAMAN SHARIFF	Weather Forecasting using RF communication	Dr. Rekha N
30		1KS21EC078	S HARI DHANUSH		
31		1KS21EC087	SANJAY P		
32		1KS21EC111	VARSHA JAYAKUMAR		
33	27	1KS21EC077	RITHIKA M	Geometrical shapes drawing robot	Dr. Dinesh Kumar D S
34		1KS21EC097	SRIPRIYA H G		
35		1KS21EC117	VIDYASHREE R		
36		1KS21EC080	S SHAJITH ALI		

37	28	1KS21EC120	VYSHAK G R	GPS Tracker with registered mobile number	Mr. B.R.Santhosh Kumar
38		1KS21EC121	YASHWANTH.M		
39		1KS22EC407	PRAJWAL PATIL B S		
40	29	1KS21EC083	SAMHITHA PRAKASH	FFT (Fast fourier transform) Audio Spectrum Analysis	Dr. Devika B
41		1KS21EC105	TEJASHREE N		
42		1KS22EC409	SOUNDARYA S		
43		1KS22EC410	SOWMYA A M		
44	30	1KS21EC067	PRAYAG SINGH S	RISC-V Micro Architecture design on FPGA	Mr. Praveen.A
45		1KS21EC092	SHWETHA V		
46		1KS21EC108	THUSHAR CHERIAN		
47		1KS21EC113	VARSHITH S		
48	31	1KS21EC093	SINDHU M NIMBAL	Smart cart robot	Mrs. Ramya K R
49		1KS21EC096	SRILAKSHMI G		
50		1KS21EC110	VAISHNAVI B A		
51		1KS22EC408	SANGEETHA H M		
52	32	1KS21EC098	SUMUKH P	Voice controlled car Automation	Mrs. Vishalini Divakar
53		1KS21EC104	TARUN M		
54		1KS21EC115	VIDYA I		
55		1KS21EC116	VIDYA RAWAL D		
56	33	1KS21EC063	PRAJWAL G V	Monitoring and controlling of environmental conditions in godown	Mrs. Sangeetha V
57		1KS21EC081	SAGAR G S		
58		1KS21EC106	THARUN K V		
59		1KS21EC107	THEJAS H V		


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Department of Electronics and Communication Engineering

CERTIFICATE

This is to certify that the **Mini Project Work (Course code: 21ECMP67)** entitled

“CAR-SMART COCKPIT”

is a work carried out by

Abhijith R : 1KS21EC002

Karan S : 1KS21EC036

Shaik Arfath : 1KS21EC089

Spoorthy M U : 1KS21EC095

is a bonafide work carried out at K.S. institute of Technology, Bangalore in partial fulfillment for the award of Bachelor of Engineering Degree in Electronics and Communication from Visvesvaraya Technological University, Belagavi during the year 2023-24. It is certified that all corrections and suggestions indicated during internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for Bachelor of Engineering Degree.

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This is to certify that the **Mini Project Work (Course code: 21ECMP67)** entitled

“ARM CORTEX M3 based elevator”

is a work carried out by

Bindushree S : 1KS21EC020
Likitha L : 1KS21EC041

at K.S. institute of Technology, Bangalore in partial fulfillment for the award of Bachelor of Engineering Degree in Electronics and Communication from Visvesvaraya Technological University, Belagavi during the year 2023-24. It is certified that all corrections and suggestions indicated during internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for Bachelor of Engineering Degree.

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“Smart Medicine box”
is a work carried out by

Akshay M S	:	1KS21EC007
Lohit S H	:	1KS21EC042
Lohith B	:	1KS21EC043
Manoj T V	:	1KS21EC045

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“Smart Pesticide Spraying Robot”
is a work carried out by

Deeksha H K	1KS21EC026
Kambhampati Vivek	1KS21EC035
Nandan K	1KS21EC051
Naveen S	1KS21EC054

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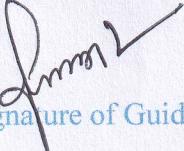
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This is to certify that the **Mini Project Work (Course code: 21ECMP67)** entitled


“GPS Geo-Fencing” is a work
carried out by

Chiranth V V	1KS21EC023
Hemanth D R	1KS21EC033
Narahari N Joshi	1KS21EC053
Nayana J	1KS21EC055

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“Smart Gadget For Two Wheelers”
is a work carried out by

B N Jeevan	:	1KS21EC015
Gagan V	:	1KS21EC028
Gagana Sindhu N	:	1KS21EC029
Pavan M Pai	:	1KS21EC059

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“VOICE CONTROLLED WHEEL CHAIR”

is a work carried out by

ABHISHEK T. S	:	1KS21EC004
BHUVANA. H	:	1KS21EC019
AISHWARYA. A	:	1KS21EC005
OMKAR .N. Bhujarkar	:	1KS21EC058

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“Traditional Fan”

is a work carried out by

Akshay.C	:	1KS21EC006
Archana.G.M	:	1KS21EC010
Ashcharya.N.B	:	1KS21EC013
Harini.L	:	1KS21EC032

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This is to certify that the **Mini Project Work (Course code: 21ECMP67)** entitled

“Smart shoes”

is a work carried out by

Anagha Prakash	:	1KS21EC008
Anirudha R Bhat	:	1KS21EC009

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“Smart parking system”
is a work carried out by

Gurushankara.M	:	1KS21EC031
Kusuma.M.S	:	1KS21EC040
Polluru Manjunath	:	1KS21EC060

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V. Prasadhaushini
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“SMART BRIDGE”
is a work carried out by

B S BHARGAV	1KS21EC017
CHINTAN D S	1KS21EC021
MITHUN C	1KS21EC048

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“Bidirectional Visitor Counter”

is a work carried out by

Aadhya B N	:	1KS21EC001
Archana M	:	1KS21EC011
Deepika D	:	1KS21EC027

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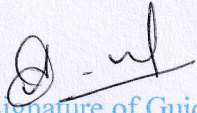
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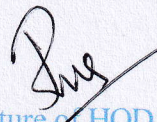
“CLEAN SWEEP BOT”

is a work carried out by

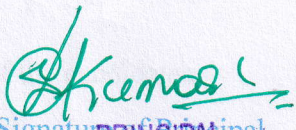
Daggupati Charitha	:	1KS21EC024
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Muthuluru Sai Himaja	:	1KS21EC050
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NAYANA S	:	1KS21EC056
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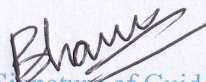
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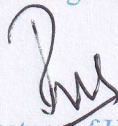
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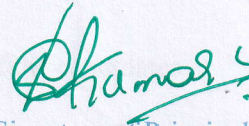
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Keerthana S	:	1KS21EC037
Meghana N	:	1KS21EC046

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Chaitra N: 1KS22EC403

Sudeep P: 1KS22EC411

B Sripadreddi: 1KS22EC402

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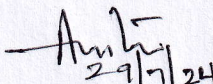
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“Dual Axis Solar Tracker”

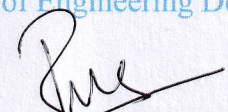
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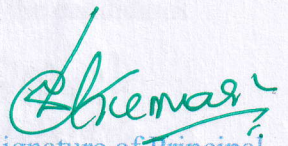
Prajwal D	:	1KS21EC062
Raghavendra N P	:	1KS21EC071
SaiRahul N	:	1KS21EC082
UdayKumar S R	:	1KS21EC109

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Sathyam Kumar Mandal S	:	IKS21EC088
Shreyas Raghavendra V	:	IKS21EC091
Veeresh K N	:	IKS21EC114

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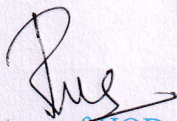
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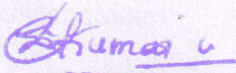
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Pratham R Shanbhag	:	1KS21EC066
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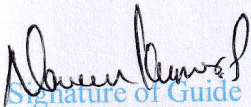
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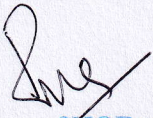
“Finger Print Based Door Lock System”

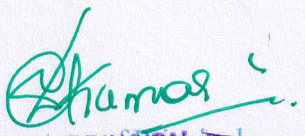
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RITESH KUMAR SINHA	:	1KS21EC076
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Punith M	:	1KS21EC070
Sanjay N	:	1KS21EC086
Shashank C U	:	1KS21EC090
Varsha S Davaskar	:	1KS21EC112

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SUPREETH A	:	1KS21EC101
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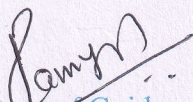
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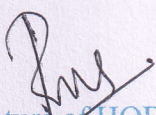
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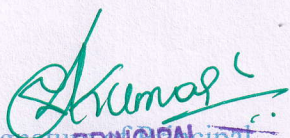
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SUNEHA S	:	1KS21EC100
SURABHI KR	:	1KS21EC102

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S Hari Dhanush	:	1KS21EC078
Sanjay P	:	1KS21EC087
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Sripriya H G	:	1KS21EC097
Vidyashree R	:	1KS21EC117
	:	

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S. SHAJITH ALI	:	1KS21EC080
VYSHAK GR	:	1KS21EC120
YASHWANTH M	:	1KS21EC121
PRAJWAL PATIL BS	:	1KS22EC407

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TEJASHREE N	:	1KS21EC105
SOUNDARYA S	:	1KS22EC409
SOWMYA A M	:	1KS22EC410

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Prayag Singh	:	1KS21EC067
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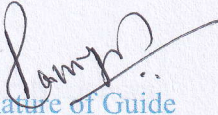
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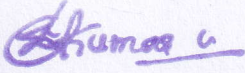
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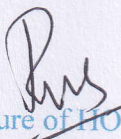
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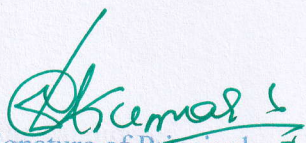
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