



INTERNSHIP

Students of 8th semester ECE are hereby informed to present the **INTERNSHIP seminar on 1-4-2024 and 2-4-2024** , with respective guides and reviewers as per schedule mentioned without fail. Submit internship reports [one college copy and one student copy (optional)] and the dairy maintenance sheet on the day of seminar.

Note 1:

1. Consult respective guide and reviewer before 28-3-24 for presentation, for the preparation of report and PPT slides.
- 2 Prepare the INTERNSHIP report [minimum 20 pages] .
3. Discuss with guide and reviewer internship seminar report and PPT slides for the preparation & correction.
4. Refer Internship seminar rubrics, and evaluation is based on rubrics
5. Internship Seminar evaluation committee for 8th semester comprises of Guide, Reviewer, Coordinator and HOD.

NOTE 2: Flow for Internship report

1. Cover page
2. Certificate of the ECE department
3. Certificate of the company
4. Contents
5. List of figures
6. Introduction
7. About the company
8. Topics covered in the Internship.
9. Project Description
 - Block diagram and its Working
 - Methodology
 - Circuit diagram
 - Hardware components
 - Software components
 - Algorithm or flowchart
8. Reflection: Things learnt during internship programme with proof of learning, skills you have acquired from your work experience .
9. Conclusion
10. Appendix

A-SECTION

USN	NAME	BATCH	FACULTY INCHARGE	REVIEWER
4AI20EC001	ABHISHEK M KARIKATTI	A1 9.30AM TO 12.30PM 01-04-2024	Dr. A.P. JAGADEESH CHANDRA Professor	LINET DSOUZA Assistant Professor
4AI20EC002	ABHISHEK NITHYA			
4AI20EC003	ABHISHEK PRAJAPATI			
4AI20EC004	ABHISHEK T C			
4AI20EC005	AKSHATHA K R			
4AI20EC006	ANOUSHKA T K			
4AI20EC007	ANUSHA G K	A2 9.30PM TO 12.30PM 01-04-2024	Dr. SUMA .M Associate Professor	NAGAVENI C R Assistant Professor
4AI20EC008	ANUSHA K R			
4AI20EC009	ANUSHREE C J			
4AI20EC010	ARPITHA H S			
4AI20EC011	ASHWINI KALARI	A3 9.30AM TO 12.30PM 01-04-2024	Dr. KUMUDA T Professor	MANJULA U.R. Assistant Professor
4AI20EC012	BASAVARAJU M M			
4AI20EC013	BHAGYA SHREE K R			
4AI20EC014	BHARATH A L			
4AI20EC015	BHARATH S			
4AI20EC016	BHOOMIKA B S	A4 9.30AM TO 12.30PM 01-04-2024	Dr. ANIL KUMAR C Associate Professor	MADHUPRAKASH R Assistant Professor
4AI20EC017	BHOOMIKA B L			
4AI20EC018	BHOOMIKA P N			
4AI20EC019	BHUVANA T G			
4AI20EC020	CHARAN A			
4AI20EC021	CHETHANSHETTY C R	A5 9.30AM TO 12.30PM 01-04-2024	RAGHU KUMAR B S Assistant Professor	GIRISH .S Assistant Professor
4AI20EC023	DARSHAN M BANGRE			
4AI20EC024	DEEKSHITH L R			
4AI20EC025	DEEPIKA T			
4AI20EC026	GAGANA URS G S			
4AI20EC027	GIRIDHANYA C			
4AI20EC028	GOWTHAM P	A6 9.30AM TO 12.30PM 01-04-2024	Dr. H.R.VANI. Associate Professor	TASMIA NAMREEN A Assistant Professor
4AI20EC029	GREESHMA B R			
4AI20EC030	HANUMANTH J URS			
4AI20EC031	HARSHITHA M K			
4AI20EC032	HEMA C S			
4AI20EC033	JEEVAN KUMAR G P	A7 2.30PM TO 5.30PM 02-04-2024	MAHESH D.S. Assistant Professor	HARISH KUMAR C R Assistant Professor
4AI20EC034	KARTHIK B S			
4AI20EC035	KAVANA S NAIK			
4AI20EC036	KAVYA K M			
4AI20EC037	KAVYASHREE URS C N	A8 2.30PM TO 5.30PM 02-04-2024	MADHUPRAKASH R Assistant Professor	Dr. ANIL KUMAR C Associate Professor
4AI20EC038	KUSUMA B K			
4AI20EC039	LIKHITH H D			
4AI20EC040	MADAN C R			
4AI20EC042	MADHAN GOWDA M			

4AI20EC043	MAHASOOK AHMED	A9 2.30PM TO 05.30PM 02-04-2024	TASMIA NAMREEN A Assistant Professor	Dr. A.P. JAGADEESH CHANDRA Professor
4AI20EC044	MAHESH			
4AI20EC045	MANOJ KUMAR R S			
4AI20EC046	MOHAMMED MOHTASHIM			
4AI20EC047	MONISHA S			
4AI20EC048	MOULYA	A10 2.30PM TO 5.30PM 02-04-2024	RAJAPPA.H.S Assistant Professor	Dr. VANI H R Associate Professor
4AI20EC049	MOUZIMA RUME			
4AI20EC050	NADIYA IRAM			
4AI20EC051	NAVEEN V HIREMATH			
4AI20EC052	NAVYA B K			
4AI20EC053	NEHA M N	A11 2.30PM TO 5.30PM 02-04-2024	LINET DSOUZA Assistant Professor	Dr. SUMA .M Associate Professor
4AI20EC054	NIKHIL K S			
4AI20EC055	NIKHITH R M			
4AI20EC056	NIRIKSHA K G			
4AI20EC115	PANCHAMI			
4AI21EC400	DEVIKA M U			
4AI21EC401	MAGESH P			

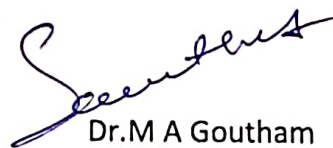
B-SECTION

Sl. NO	USN	NAME	BATCH	FACULTY INCHARGE	REVIEWER
1	4AI20EC057	NIRUPAM HEGDE M P	B1 9.30AM TO 12.30PM 01-04-2024	HARISH KUMAR .C.R Assistant Professor	MAHESH D.S. Assistant Professor
2	4AI20EC058	NISARGA S			
3	4AI20EC059	NISARGAKANTH K L			
4	4AI20EC060	NISCHITHA C V			
5	4AI20EC061	NISCHITHA H S			
1	4AI20EC062	NITHIN H M	B2 9.30AM TO 12.30PM 01-04-2024	DIVYA .G.S Assistant Professor	MEGHASHREE M Assistant Professor
2	4AI20EC063	NITHIN N			
3	4AI20EC064	P V SAIGEETHIKA			
4	4AI20EC065	PALLAVI S			
5	4AI20EC066	POOJA MANJUNATH NAIK			
1	4AI20EC067	POOJASHREE M N	B3 9.30AM TO 12.30PM 01-04-2024	Dr. USHA K P Assistant Professor	CHANDRAKALA C.T Assistant Professor
2	4AI20EC068	PRAGATHI S			
3	4AI20EC069	PRAJWAL S L			
4	4AI20EC070	PRANEETHA K			
5	4AI20EC071	PREKSHA C Y			
1	4AI20EC072	R PRATHIK	B4 9.30AM TO 12.30PM 01-04-2024	Dr. M.S.HARISH Associate Professor	ANITHA K.T Assistant Professor
2	4AI20EC073	RAHUL B N			
3	4AI20EC074	RAKSHITH K			
4	4AI20EC075	RAKSHITH N P			
5	4AI20EC076	RUDRESH L S			
1	4AI20EC077	S V UNNATHI	B5 9.30AM TO		RAJAPPA.H.S
2	4AI20EC078	SAFA ALI			

	4AI20EC080	SANMATHI H M	12.30PM 01-04-2024	Dr. M.A.GOUTHAM Professor & HOD	Assistant Professor
	4AI20EC081	SHABAZ KHAN			
	4AI20EC082	SHAKTHI B S			
1	4AI20EC083	SHEETHAL M	B6 2.30PM TO 5.30PM 02-04-2024	MANJULA U.R. Assistant Professor	Dr. KUMUDA T Professor
2	4AI20EC084	SHREE SAMEEHANA R			
3	4AI20EC085	SHREE VISHNU N V			
4	4AI20EC086	SHREYA B M			
5	4AI20EC087	SHWETHA H S			
1	4AI20EC088	SNEHA N S	B7 2.30PM TO 5.30PM 02-04-2024	CHANDRAKALA C.T Assistant Professor	DIVYA .G.S Assistant Professor
2	4AI20EC089	SONIKA H P			
3	4AI20EC090	SPOORTHI D N			
4	4AI20EC091	SRUJAN K J			
5	4AI20EC092	SRUSTI B A			
1	4AI20EC093	SUDEEP K P	B8 2.30PM TO 05.30PM 02-04-2024	ANITHA K.T Assistant Professor	Dr. M.A.GOUTHAM Professor & HOD
2	4AI20EC094	SUGAM GANESH K S			
3	4AI20EC095	SUGAM K N			
4	4AI20EC096	SUJAY URS C B			
5	4AI20EC097	SUKHI D			
1	4AI20EC098	SWAMY KOTRESH B	B9 2.30PM TO 5.30PM 02-04-2024	MEGHASHREE M Assistant Professor	Dr. USHA K P Assistant Professor
2	4AI20EC099	SWARNA GOWRI K S			
3	4AI20EC100	SWATHI B P			
4	4AI20EC101	SWATHISH H SHETTY			
5	4AI20EC102	VAGDEVI M K			
6	4AI20EC103	VAISHNAVI S R			
1	4AI20EC104	VARSHA C J	B10 2.30PM TO 5.30PM 02-04-2024	NAGAVENI C R Assistant Professor	Dr. M.S.HARISH Associate Professor
2	4AI20EC105	VARSHINI S			
3	4AI20EC106	VARSHITH D N			
4	4AI20EC107	VARSHITHA S V			
5	4AI20EC108	VEDHASHREE C R			
6	4AI20EC109	VINAYAK BHYRESH ONIMANI			
1	4AI20EC110	VINAYAKA M S	B11 2.30PM TO 5.30PM 02-04-2024	GIRISH .S Assistant Professor	RAGHU KUMAR B S Assistant Professor
2	4AI20EC111	VIVEK S M			
3	4AI20EC112	YASHWANTH K N			
4	4AI20EC113	YOGISH N S			
5	4AI21EC402	NANDASHREE A G			
6	4AI21EC403	SAHANA K R			



Tasmia Namreen A
INTERNSHIP CO-ORDINATOR



Dr. M A Goutham
HOD
Professor & Head
Dept. of Electronics & Communication Engg
Sri Chunchanganagiri Institute of Technology
Chikmagalur - 577 102



DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
(Affiliated to V.J.S.Rajaguru Recognized by AICTE, New Delhi & Accredited by N.B.A., New Delhi)
Jyothinagar, Chikkamagaluru-577 102.



Date: 12/02/2023 TO 21/03/2024

INTERNSHIP ON INDUSTRY 4.0, THE NEXT INDUSTRY REVOLUTION.

Student Registration

Sl. No.	USN	Name	Signature
1	4AI20EC001	ABHISHEK M KARIKATTI	
2	4AI20EC002	ABHISHEK NITHYA	
3	4AI20EC003	ABHISHEK PRAJAPATI	
4	4AI20EC004	ABHISHEK T C	
5	4AI20EC006	ANOUSHKA T K	
6	4AI20EC007	ANUSHA G K	
7	4AI20EC008	ANUSHA K R	
8	4AI20EC009	ANUSHREE C J	
9	4AI20EC010	ARPITHA H S	
10	4AI20EC011	ASHWINI KALARI	
11	4AI20EC012	BASAVARAJU M.M	
12	4AI20EC013	BHAGYA SHREE K R	
13	4AI20EC014	BHARATH A L	
14	4AI20EC015	BHARATH S	
15	4AI20EC016	BHOOMIKA B S	
16	4AI20EC017	BHOOMIKA B L	
17	4AI20EC018	BHOOMIKA P N	
18	4AI20EC019	BHUVANA T G	
19	4AI20EC021	CHETHANSHETTY C R	
20	4AI20EC023	DARSHAN M BANGRE	
21	4AI20EC024	DEEKSHITH L R	
22	4AI20EC025	DEEPIKA T	
23	4AI20EC026	GAGANA URS G S	
24	4AI20EC027	GIRIDHANYA C	
25	4AI20EC028	GOWTHAM P	
26	4AI20EC029	GREESHMA B R	

27	4AI20EC030	HANUMANTH J URS	Hury
28	4AI20EC031	HARSHITHA M K	Harsha, MK
29	4AI20EC032	HEMA C S	Hema C.S.
30	4AI20EC033	JEEVAN KUMAR G P	Jeevan
31	4AI20EC034	KARTHIK B S	Karthik. BS
32	4AI20EC035	KAVANA S NAIK	Kavana. S. Naik
33	4AI20EC036	KAVYA K M	Kavya
34	4AI20EC037	KAVYASHREE URS C N	Kavya
35	4AI20EC038	KUSUMA B K	Kumarshee
36	4AI20EC039	LIKHITH H D	Likhith HD.
37	4AI20EC040	MADAN C R	Madhan
38	4AI20EC042	MADHAN GOWDA M	madhan gowda. m
39	4AI20EC043	MAHASOOK AHMED	Mahesok
40	4AI20EC044	MAHESH	Mahesh
41	4AI20EC046	MOHAMMED M	Mohammed
42	4AI20EC047	MONISHA S	Monisha S.
43	4AI20EC048	MOULYA.	Moulya K.N.
44	4AI20EC049	MOUZIMA RUME	Mouzima Rume
45	4AI20EC050	NADIYA IRAM.	Nadiya
46	4AI20EC051	NAVEEN V HIEMATH	Naveen Hiemath
47	4AI20EC052	NAVYA B K	Navya
48	4AI20EC053	NEHA M N	Neha M. N.
49	4AI20EC054	NIKHIL K S	Nikhil K.S.
50	4AI20EC055	NIKHITH R M	Nikhith R.M.
51	4AI20EC056	NIRIKSHA K G	Niriksha
52	4AI20EC115	PANCHAMI K G	Panchami. K. G.
53	4AI21EC401	MAGESH P	Magesh
54	4AI21EC400	DEVIKA	Devika

Signature of the Coordinator

Signature of the HOD

Professor & Head
 Dept. of Electronics & Communication Engg
 Adichunchanagiri Institute of Technology,
 Chikmagalur - 577 102



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1	4AI20EC057	NIRUPAM HEGDE M P	Nirupam Hegde
2	4AI20EC058	NISARGA S	Nisarga S
3	4AI20EC059	NISARGAKANTH K L	Nisargakanth
4	4AI20EC061	NISCHITHA H S	Nischitha
5	4AI20EC062	NITHIN H M	Nithin H.M.
6	4AI20EC063	NITHIN N	Nithin N
7	4AI20EC064	P V SAIGEETHIKA	Geethika
8	4AI20EC065	PALLAVI S	PALLAVI S
9	4AI20EC066	POOJA M NAIK	Pooja
10	4AI20EC067	POOJASHREE M N	Pooja
11	4AI20EC068	PRAGATHI S	Pragathi
12	4AI20EC069	PRAJWAL S L	Prajwal
13	4AI20EC071	PREKSHA C Y	Preksha
14	4AI20EC072	R PRATHIK	Prathik
15	4AI20EC074	RAKSHITH K	Rakshith K
16	4AI20EC075	RAKSHITH N P	Rakshith
17	4AI20EC076	RUDRESH L S	Rudresh
18	4AI20EC077	S V UNNATHI	Unnathi
19	4AI20EC081	SHABAZ KHAN	Shabaz
20	4AI20EC082	SHAKTHI B S	Shakthi
21	4AI20EC083	SHEETHAL M	Sheetal
22	4AI20EC085	SHREE VISHNU N V	Shree Vishnu
23	4AI20EC086	SHREYA B M	Shreya B.M.
24	4AI20EC087	SHWETHA H S	Shwetha
25	4AI20EC088	SNEHA N S	Sneha N.S.
26	4AI20EC089	SONIKA H P	Sonika

27	4AI20EC091	SRUJAN K J	
28	4AI20EC092	SRUSTI B A	<i>Srusti</i>
29	4AI20EC093	SUDEEP K P	<i>Sudap K.P</i>
30	4AI20EC094	SUGAM GANESH K S	<i>Sugam</i>
31	4AI20EC095	SUGAM K N	<i>Sugam K.P</i>
32	4AI20EC096	SUJAY URS C B	<i>Sujay</i>
33	4AI20EC097	SUKHI D	<i>Sukhi D</i>
34	4AI20EC098	SWAMYKOTRESH B	<i>Swamy kotresh B.</i>
35	4AI20EC100	SWATHI B P	<i>Swathi B.P</i>
36	4AI20EC101	SWATHISH H SHETTY	<i>Swathi H</i>
37	4AI20EC102	VAGDEVI M K	<i>Vagdevi Madh</i>
38	4AI20EC103	VAISHNAVI S R	<i>Vaishnavi</i>
39	4AI20EC104	VARSHA C J	<i>Varsha C.J</i>
40	4AI20EC105	VARSHINI S	<i>Varshini S</i>
41	4AI20EC106	VARSHITH D N	<i>Varshith.</i>
42	4AI20EC109	VINAYAK BHYRESH ONIMANI	<i>Vinay</i>
43	4AI20EC110	VINAYAKA M S	<i>Vinayaka</i>
44	4AI20EC111	VIVEK S M	<i>Vivek S.M</i>
45	4AI20EC112	YASHWANTH K N	<i>Yashwanth K.N.</i>
46	4AI20EC113	YOGISH N S	<i>Yogish</i>
47	4AI21EC402	NANDASHREE A G	<i>Nandashree A.G</i>

Signature of the Coordinator

Signature of the HOD
 Professor & Head
 Dept. of Electronics & Communication Engg
 Adichunchanagiri Institute of Technology
 Chikmagalur - 577 102

7 th A Date ▶

Sl.No	USN	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
27	4AI20EC030	HANUMANTH J URS	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P	P
28	4AI20EC031	HARSHITHA M K	P	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P	P
29	4AI20EC032	HEMA C S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	4AI20EC033	JEEVAN KUMAR G P	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P	P
31	4AI20EC034	KARTHIK B S	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P
32	4AI20EC035	KAVANA S NAIK	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P	P
33	4AI20EC036	KAVYA K M	P	P	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P
34	4AI20EC037	KAVYASHREE URS C N	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P	P
35	4AI20EC038	KUSUMA B K	P	P	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P
36	4AI20EC039	LIKHITH H D	P	P	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P
37	4AI20EC040	MADAN C R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	4AI20EC042	MADHAN GOWDA M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	4AI20EC043	MAHASOOK AHMED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	4AI20EC044	MAHESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	4AI20EC046	MOHAMMED M	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	4AI20EC047	MONISHA S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	4AI20EC048	MOULYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	4AI20EC049	MOUZIMA RUME	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	4AI20EC050	NADIYA IRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	4AI20EC051	NAVEEN V HIREMATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	4AI20EC052	NAVYA B K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	4AI20EC053	NEHA M N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	4AI20EC054	NIKHIL K S	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	4AI20EC055	NIKHITH R M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	4AI20EC056	NIRIKSHA K G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	4AI20EC115	PANCHAMI K G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	4AI21EC401	MAGESH P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	4AI21EC400	DEVIKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Johna Co-ordinator

Secy
Dept. of ...
Mithun ...
... - 577 102

7 th B			Date																							
Sl.No	USN	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
28	4AI20EC092	SRUSTI B A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	4AI20EC093	SUDEEP K P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	4AI20EC094	SUGAM GANESH K S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	4AI20EC095	SUGAM K N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	4AI20EC096	SUJAY URS C B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	4AI20EC097	SUKHI D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	4AI20EC098	SWAMYKOTRESH B	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	4AI20EC100	SWATHI B P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	4AI20EC101	SWATHISH H SHETTY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	4AI20EC102	VAGDEVI M K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	4AI20EC103	VAISHNAVI S R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	4AI20EC104	VARSHA C J	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	4AI20EC105	VARSHINI S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	4AI20EC106	VARSHITH D N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	4AI20EC109	VINAYAK BHYRESH ONIMANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	4AI20EC110	VINAYAKA M S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	4AI20EC111	VIVEK S M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	4AI20EC112	YASHWANTH K N	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	4AI20EC113	YOGISH N S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	4AI21EC402	NANDASHREE A G	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

[Signature]
Co-ordinator

[Signature]
Professor & Head
Dept. of Electrical & Communication Engg
JSSSTU Institute of Technology
JSSSTU
Mysuru - 577 002



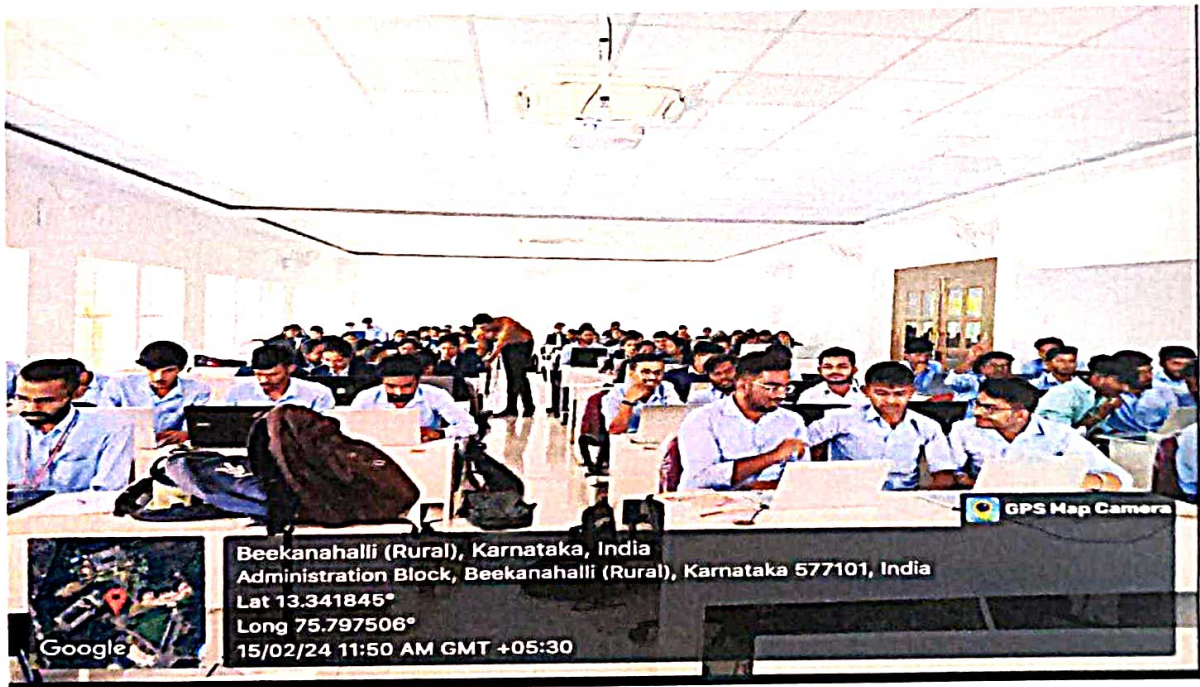
Report

Internship on “Industry 4.0: The Next Industry Revolution”

Internship Description: Four weeks Internship was conducted for final year students on the title “Industry 4.0, The Next Industry Revolution” conducted in department of ECE, AIT Chikamagaluru by Loginware softtec Pvt Ltd Bangalore from 12.02.2024 to 21-03-2024. Total number of students benefited by this Internship are 102. The objective of this Internship is to enhance the knowledge in the field of IOT, Raspberry Pi, Python Applications and Industry 4.0.

Resource Persons:

Thejesh P, Director , Loginware Softec Pvt Ltd and team members.
Contact: 9916609819




Signature of the Coordinator


Signature of the HOD
Professor & Head
Dept. of Electronics & Communication Eng.
Adichunchanagiri Institute of Technology,
Chikmagalur - 577 102



DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
(Affiliated to K. J. Somaiya Institute of Technology and Engineering, Vashi, Navi Mumbai)
Jyothimagan, Chikkamagaluru - 577 102.



Date: 06/11/2023

INTERNSHIP - AWS and Python

Student Registration

Sl. No.	USN	Name	Signature
1	4AI21EC054	POORNIMA H G	
2	4AI21EC055	PRAGNA J	
3	4AI21EC056	PRAJWAL L	
4	4AI21EC057	PRAMOD GOWDA T E	
5	4AI21EC058	PRANAMYA G	
6	4AI21EC059	PRIYA H S	
7	4AI21EC060	PRIYANKA H J	
8	4AI21EC061	PRIYANKA H S	
9	4AI21EC062	PRUTHVI V	
10	4AI21EC063	PRUTHVI V P	
11	4AI21EC065	PUNITH T R	
12	4AI21EC066	RAKSHITH C N	
13	4AI21EC067	RAKSHITHA K U	
14	4AI21EC068	RAMYA P B	
15	4AI21EC069	ROHINI N C	
16	4AI21EC070	RUMANRAZA M WALIKAR	
17	4AI21EC071	SANJAY J K	
18	4AI21EC072	SATHISH S V	
19	4AI21EC073	SHALINI B S	
20	4AI21EC074	SHANVI D	
21	4AI21EC075	SHARATH K Y	
22	4AI21EC076	SHARATH R	
23	4AI21EC077	SHASHANK A N	
24	4AI21EC080	SHASHANK H L	
25	4AI21EC081	SHIVESH DEV K M	
26	4AI21EC082	SHRESHTA A D	



Date: 06/11/2023

INTERNSHIP-AWS and Python

Student Registration			
Sl. No.	USN	Name	Signature
1	4AI21EC001	ABHISHEK K M	Abhishek K.M.
2	4AI21EC002	AKANKSHA C	Akanksha
3	4AI21EC003	ANANYA M	Ananya
4	4AI21EC004	ANKITH P	Ankith P
5	4AI21EC005	ANKUSH D D	Ankush D.D
6	4AI21EC006	ANUSHA A	Anusha
7	4AI21EC007	ANUSHREE J K	Anushree
8	4AI21EC008	ASHWIN GOWDA S J	Ashwin S.J.
9	4AI21EC010	BENAKESH S N	Benakesh
10	4AI21EC011	BHAVANA H P	Bhavana
11	4AI21EC012	BHOOMIKA B C	Bhoomika C.
12	4AI21EC013	BHUMIKA D M	Bhuma
13	4AI21EC014	BIBI SWAGRA	Bi.Bi. Swaga.
14	4AI21EC015	CHAITHANYA J	Chaithanya J.
15	4AI21EC016	CHAITHRA L P	Chaithra L.P
16	4AI21EC017	CHANDANA K	Chandana K.
17	4AI21EC018	CHANDANA PATIL C S	Chandana
18	4AI21EC019	CHANDRAKANTH S M	Chandrakanth
19	4AI21EC020	CHEZHAN N M	Chethan
20	4AI21EC021	DARSHAN S	Darshan
21	4AI21EC022	DARSHINI B	Darshini
22	4AI21EC023	DEEKSHA K B	Deeksha KB
23	4AI21EC024	DEEKSHA K R	Deeksha KR
24	4AI21EC025	DEEPAK M S	Deepak M.S.
25	4AI21EC027	DEEPAKRAJ R B	Deepakraj R.B
26	4AI21EC028	DHANUSH GOWDA H	Dhanush

Professor & Head :

Dept. of Electronics & Communication Engg
Adichunchanagiri Institute of Technology
Chikmagalur - 577 102



INTERNSHIP on


Amazon Web Services and Software development using Python

6th Sem A -SECTION

Sl.no	USN	Student	Guide	Reviewer	
1	4AI21EC001	ABHISHEK K M	MAHESH D.S. Assistant Professor	Dr. M.A.GOUTHAM Professor & HOD	20-06-2024
2	4AI21EC002	AKANKSHA C			2.30PM TO 5.30PM
3	4AI21EC003	ANANYA M			
4	4AI21EC004	ANKITH P			
5	4AI21EC005	ANKUSH D D			
6	4AI22EC406	CHETHAN V			
1	4AI21EC006	ANUSHA A	Dr. M.S.HARISH Associate Professor	Dr. SUMA .M Associate Professor	20-06-2024
2	4AI21EC007	ANUSHREE J K			2.30PM TO 5.30PM
3	4AI21EC008	ASHWIN GOWDA S J			
4	4AI21EC010	BENAKESH S N			
5	4AI21EC011	BHAVANA H P			
6	4AI22EC407	DAYANANDA H L			
1	4AI21EC012	BHOOMIKA B C	Dr. KUMUDA T Professor	Dr. USHA K P Assistant Professor	20-06-2024
2	4AI21EC013	BHUMIKA D M			2.30PM TO 5.30PM
3	4AI21EC014	BIBI SWAGRA			
4	4AI21EC015	CHAITHANYA J			
5	4AI22EC424	SHASHANK K G			
6	4AI22EC408	DEEPU P			
1	4AI21EC017	CHANDANA K	HARISH KUMAR .C.R Assistant Professor	MADHUPRAK ASH R Assistant Professor	20-06-2024
2	4AI21EC018	CHANDANA PATIL C S			2.30PM TO 5.30PM
3	4AI21EC019	CHANDRAKANTH S M			
4	4AI21EC020	CHETHAN N M			
5	4AI21EC021	DARSHAN S			
6	4AI22EC413	INDIKA G			
1	4AI21EC022	DARSHINI B	DIVYA .G.S Assistant Professor	NAGAVENI C R Assistant Professor	20-06-2024
2	4AI21EC023	DEEKSHA K B			2.30PM TO 5.30PM
3	4AI21EC024	DEEKSHA K R			
4	4AI21EC025	DEEPAK M S			
5	4AI21EC027	DEEPAKRAJ R B			

6	4AI22EC414	KANAKRAJ H R			
1	4AI21EC028	DHANUSH GOWDA H	Dr. A.P. JAGADEESH CHANDRA Professor	MANJULA U.R. Assistant Professor	20-06-2024 2.30PM TO 5.30PM
2	4AI21EC030	GOWDA ABHISHEK SHRINIVAS			
3	4AI21EC031	GOWTHAM B G			
4	4AI21EC033	JEEVAN R M			
5	4AI21EC034	KARTHIKEYAN J			
6	4AI22EC415	KARANRAJ H R			
1	4AI21EC035	KAVANA K S	CHANDRAKAL A C.T Assistant Professor	HARISH KUMAR C R Assistant Professor	27-06-2024 2.30PM TO 5.30PM
2	4AI21EC036	KEERTHANA L S			
3	4AI21EC037	LIKHITH S V			
4	4AI21EC038	LIKITHA C M			
5	4AI21EC040	MANJUSHREE K S			
6	4AI22EC418	NAVEEN H L			
1	4AI21EC042	MANUPATEL S P	LINET DSOUZA Assistant Professor	Dr. ANIL KUMAR C Associate Professor	27-06-2024 2.30PM TO 5.30PM
2	4AI21EC043	MANYA U			
3	4AI21EC044	MEGHANA R			
4	4AI21EC045	MOHAMMED WASIB			
5	4AI21EC046	NAKUL P M			
6	4AI22EC419	PAVAN KUMAR C N			
1	4AI21EC047	NEHA G M	ANITHA K.T Assistant Professor	Dr. A.P. JAGADEESH CHANDRA Professor	27-06-2024 2.30PM TO 5.30PM
2	4AI21EC048	NIDHI K M			
3	4AI21EC049	NIRANJAN G M			
4	4AI21EC050	NISHANTH GOWDA V S			
5	4AI21EC051	NISHCHITHA M			
6	4AI22EC420	PUNITH R			
1	4AI21EC052	PAVANKUMAR	RAJAPPA.H.S Assistant Professor	MEGHASHRE E M Assistant Professor	27-06-2024 2.30PM TO 5.30PM
2	4AI21EC053	POOJA H H			
3	4AI22EC400	ARPITHA C S			
4	4AI22EC402	AVINASH H R			
5	4AI21EC016	CHAITHRA L P			
6	4AI22EC423	SANDYA M			

B -SECTION

1	4AI21EC054	POORNIMA H G	TASMIA NAMREEN A Assistant Professor	Dr. M.S.HARISH Associate Professor	21-06-2024 2.30PM TO 5.30PM
2	4AI21EC055	PRAGNA J			
3	4AI21EC056	PRAJWAL L			
4	4AI21EC057	PRAMOD GOWDA T E			
5	4AI21EC058	PRANAMYA G			
6	4AI22EC401	ARPITHA K R			
1	4AI21EC059	PRIYA H S	MANJULA U.R. Assistant Professor	RAJAPPA.H.S Assistant Professor	21-06-2024 2.30PM TO 5.30PM
2	4AI21EC060	PRIYANKA H J			
3	4AI21EC061	PRIYANKA H S			
4	4AI21EC062	PRUTHVI V			
5	4AI21EC063	PRUTHVI V P			
6	4AI22EC403	BHAGAVANTRAY A SANKANOR			
1	4AI21EC065	PUNITH T R	Dr. SUMA .M Associate Professor	MAHESH D.S. Assistant Professor	21-06-2024 2.30PM TO 5.30PM
2	4AI21EC066	RAKSHITH C N			
3	4AI21EC067	RAKSHITHA K U			
4	4AI21EC069	ROHINI N C			
5	4AI21EC070	RUMANRAZA M WALIKAR			
6	4AI22EC404	BHARATH M B			
1	4AI21EC071	SANJAY J K	 GIRISH .S Assistant Professor	Dr. KUMUDA T Professor	21-06-2024 2.30PM TO 5.30PM
2	4AI21EC072	SATHISH S V			
3	4AI21EC073	SHALINI B S			
4	4AI21EC074	SHANVI D			
5	4AI21EC075	SHARATH K Y			
6	4AI22EC405	CHETHAN H S			
1	4AI21EC076	SHARATH R	RAGHU KUMAR B S Assistant Professor	DIVYA .G.S Assistant Professor	21-06-2024 2.30PM TO 5.30PM
2	4AI21EC077	SHASHANK A N			
3	4AI21EC081	SHIVESH DEV K M			
4	4AI21EC082	SHRESHTA A D			
5	4AI22EC428	VIJAYA KUMAR N B			
6	4AI22EC409	GANESH KUMAR			
1	4AI21EC084	SINCHANA K S	NAGAVENI C R Assistant Professor	ANITHA K.T Assistant Professor	28-06-2024 2.30PM TO 5.30PM
2	4AI21EC085	SINCHANA KAKADE S			
3	4AI21EC087	SOMASHEKAR N J			
4	4AI21EC088	SONIYA G			
5	4AI22EC422	SACHCHIDANAN DA H			

6	4AI22EC410	GIRISH A C	Dr. USHA K P Assistant Professor	RAGHU KUMAR B S Assistant Professor	28-06-2024 2.30PM TO 5.30PM
1	4AI21EC089	SOWMYA C G			
2	4AI21EC090	SRUSTI C			
3	4AI21EC092	SUHAS RATHOD C P			
4	4AI21EC093	SUPRITH R M			
5	4AI22EC425	SHASHIKIRAN M			
6	4AI22EC411	HARISH K S	Dr. H.R.VANI. Associate Professor	GIRISH .S Assistant Professor	28-06-2024 2.30PM TO 5.30PM
1	4AI21EC094	TEJASWINI R JAGADISH			
2	4AI21EC095	TEJU K B			
3	4AI21EC096	THARUN R			
4	4AI21EC097	THEJU A R			
5	4AI21EC098	THULASI K			
6	4AI22EC412	HARSHA V			
7	4AI22EC427	SUNIL KUMAR M C	MADHUPRAKASH R Assistant Professor	LINET DSOUZA Assistant Professor	28-06-2024 2.30PM TO 5.30PM
1	4AI21EC099	ULLASH H J			
2	4AI21EC100	VARSHITH C P			
3	4AI21EC101	VEENA R GOWDA			
4	4AI21EC102	VINAY H B			
5	4AI21EC103	YASHASWINI C B			
6	4AI22EC416	KAVYA B M	MEGHASHREE M Assistant Professor	CHANDRAKA LA C.T Assistant Professor	28-06-2024 2.30PM TO 5.30PM
1	4AI22EC417	MONIKA K M			
2	4AI22EC421	RUDRESHA C S			
3	4AI21EC086	SIRI D A			
4	4AI21EC083	SHUBHA T M			
5	4AI21EC091	SUHAS P			
6	4AI22EC426	SNEHA S V			
7	4AI21EC063	PRUTHVI V P			

Tasmia Namreen A

INTERNSHIP CO-ORDINATOR

Dr. M A Goutham

HOD

Professor & Head
Dept. of Electronics & Communication Engg
Adichunchanagiri Institute of Technology,
Chikmagalur - 577 102



Report

“Amazon Web Services and Software development using Python”

Internship Description: Four weeks Internship was conducted for final year students on the title “Amazon Web Services and Software development using Python” conducted in department of ECE, AIT Chikamagaluru from 30-10-2023 to 24-11-2023. Total number of students benefited by this Internship are 120. The objective of this Internship is to enhance the knowledge in the field of amazon web services and python.

Resource Persons:

Mahesh D S, Assistant Professor
Anitha K T, Assistant Professor
Department of ECE, AIT Chikamagaluru.
Contact: 9964279574,9686749851



Signature of the Coordinator

Signature of the HOD

Professor & Head
Dept. of Electronics & Communication Engg
Adichunchanagiri Institute of Technology,
Chikmagalur - 577 102

Internship at VASPP

To Whom It May Concern,

This is to confirm that **Praneetha K** is currently pursuing an internship at VASPP, which commenced on Monday, 4th of March, 2024, and will last for a duration of 3 months. We are delighted to have **Praneetha K** as part of our team and appreciate the dedication and enthusiasm she has shown so far .

Praneetha K has been actively involved in various projects and tasks, demonstrating a strong commitment to learning and contributing to our company. The internship is designed to provide hands-on experience and professional development, and has been making the most of this opportunity.

We believe that **Praneetha K** skills and efforts are an asset to our team, and we look forward to continued collaboration over the remaining period of the internship.

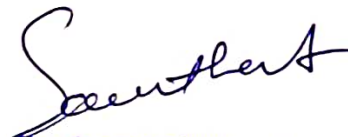
Warm regards,



Piyush V Shembekar

HR-Specialist

VASPP Technologies, Bangalore



Professor & Head
Dept. of Electronics & Communication Engg
Adichunchanagiri Institute of Technology,
Chikmagalur - 577 102

Internship Opportunity at VASPP

Dear Praneetha K,

We are delighted to extend this offer for an internship at VASPP, commencing on Monday 4th of March, 2024, and lasting for a duration of 3 month. We are eager to welcome you to our team and provide you with an enriching learning experience.

Internship Details:

- **Duration:** starting from Friday 4th of March, 2024 (90 days-Excluding Saturday, Sunday and Public Holidays)
- **Office Address:** VASPP TECHNOLOGIES, Above United Furniture's, Beside Bharath Petroleum Near APMC, KM Road, Chikkamagalur (Karnataka)
- **Mode of Internship:** Offline
- **Timing:** 10:30 AM to 06:30 PM IST

In order to ensure a seamless experience during your internship, please note the following details:

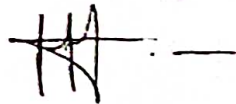
1. **Equipment Requirement:** We regret to inform you that a laptop will not be provided for this internship. Please ensure you have access to the necessary equipment required for the office work.
2. **Stipend:** This internship is primarily focused on learning and skill development. Therefore, we do not offer a stipend at this time.
3. **Job Assurance:** Please note that employment opportunities following the internship are contingent upon performance during the internship period and at the discretion of the management.
4. **Expectations:** We expect a high standard of discipline and professionalism throughout the internship.
5. **Management Discretion:** Please be aware that the internship may be revoked at any time due to insufficient work or misconduct.

Please confirm your acceptance of this internship offer by Monday, 04th March 2024.

If you have any questions or need further information, please feel free to contact us at piyush.vs@vaspp.com

We look forward to your positive response and a successful Internship with VASPP.

Warm regards,



Piyush V Shembekar
HR-Specialist
VASPP Technologies, Bangalore



Professor & Head
Dept. of Electronics & Communication Engg
Adichunchanagiri Institute of Technology,
Chikkamagalur - 577 102

ಉದ್ದೇಶಿತ ಮತ್ತು ಸಮರ ಕಾರ್ಯದ ಸಂಶೋಧನೆ ಮತ್ತು ವಿನ್ಯಾಸ ಕೇಂದ್ರ

MISSION & COMBAT SYSTEM RESEARCH & DESIGN CENTRE
ವಿನ್ಯಾಸ ಸಂಕೀರ್ಣ/ಅಭಿವೃದ್ಧಿ ಕಾಂಪ್ಲೆಕ್ಸ್/DESIGN COMPLEX

ಹಿಂದೂಸ್ತಾನ್ ಏರೋನಾಟಿಕ್ಸ್ ಲಿಮಿಟೆಡ್
HINDUSTAN AERONAUTICS LIMITED



ಮಾರ್ತುಕಳ್ಳಿ - ೨೦೮, ಬೆಂಗಳೂರು - 560037, ಭಾರತ

ಮಾರತಹಳ್ಳಿ ಪೋಸ್ಟ್, ಬೆಂಗಳೂರು - 560037, ಭಾರತ
Marathahalli - Post, Bengaluru - 560037, India

ದೂರ/ದೂರವಾಣಿ/PH: 91-80 - 22321490, 22322169

ಫ್ಯಾಕ್ಸ್/ಫೇಕ್ಸ್/Fax: 91-80 - 22313185

No. D/MCSRDC/HR/Internship/1366/2023

Date: 28.11.2023

CERTIFICATE

This is to certify that the following student of BE(ECE), VII SEMESTER from M/s. ADHICHUNCHANGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU has completed his "INTERNSHIP" at MCSRDC, Design Complex, HAL, Bangalore from 25.10.2023 to 24.11.2023 on "no-pay-no-fee-basis".

Mr. RAHUL B N (USN No. 4AI20EC073)

The punctuality, conduct, behavior and overall progress of the student were **SATISFACTORY** during the training.



(IYER SUSHMITHA RAMESH)
MANAGER (HR)

ಅಯ್ಯರ್ ಸುಶ್ಮಿತಾ ರಮೇಶ್ / ಅಯ್ಯರ್ ಸುಶ್ಮಿತಾ ರಮೇಶ್ /

IYER SUSHMITHA RAMESH

ವ್ಯವಸ್ಥಾಪಕರು (ಮನವು ಸಂಯೋಜನೆ) / ಪ್ರಾಧಿಕಾರ (ಮನವು ಸಂಯೋಜನೆ) / MANAGER (HR)

ಮಿಸ್‌ಸೈಲ್ ಉದ್ಯಮ ವಿಭಾಗ / ಉದ್ಯಮ ವಿಭಾಗ / MCSRDC
ಮಾರತಹಳ್ಳಿ, ಬೆಂಗಳೂರು / ಮಾರತಹಳ್ಳಿ, ಬೆಂಗಳೂರು / HAL BANGALORE - 560037

Dept. of Electronics & Communication Engg
Adichunchangiri Institute of Technology,
Chikmagalur - 577 102

ನೋಂದಾಯಿತ ಕಛೇರಿ : 15/1, ಕಬ್ಬನ್ ರೋಡ್, ಬೆಂಗಳೂರು - 560001, ಭಾರತ

ಪಂಚಾಯತ ಕಛೇರಿ : 15/1, ಕಬ್ಬನ್ ರೋಡ್, ಬೆಂಗಳೂರು - 560001, ಭಾರತ

Registered Office : 15/1, Cubbon Road, Bengaluru - 560001, India

ಸಿ.ಐ.ಎನ್. / ಸಿ.ಐ.ಐ.ಎನ್. / CIN: 135301 KA1 963GOI 001 622

Internship Opportunity at VASPP

Dear PV Saigeethika,

We are delighted to extend this offer for an internship at VASPP, commencing on **Monday 4th of March, 2024**, and lasting for a duration of **3 month**. We are eager to welcome you to our team and provide you with an enriching learning experience.

Internship Details:

- **Duration:** starting from Monday 4th of March, 2024 (90 days-Excluding Saturday, Sunday and Public Holidays)
- **Office Address:** VASPP TECHNOLOGIES, Above United Furnitures, Beside Bharath Petroleum Near APMC, KM Road, Chikkamagalur (Karnataka)
- **Mode of Internship:** Offline
- **Timing:** 10:30 AM to 06:30 PM IST

In order to ensure a seamless experience during your internship, please note the following details:

1. **Equipment Requirement:** We regret to inform you that a laptop will not be provided for this internship. Please ensure you have access to the necessary equipment required for the office work.
2. **Stipend:** This internship is primarily focused on learning and skill development. Therefore, we do not offer a stipend at this time.
3. **Job Assurance:** Please note that employment opportunities following the internship are contingent upon performance during the internship period and at the discretion of the management.
4. **Expectations:** We expect a high standard of discipline and professionalism throughout the internship.
5. **Management Discretion:** Please be aware that the internship may be revoked at any time due to insufficient work or misconduct.

Please confirm your acceptance of this internship offer by **Monday, 4th March 2024**.

If you have any questions or need further information, please feel free to contact us at piyush.vs@vaspp.com

We look forward to your positive response and a successful Internship with VASPP.

Warm regards,



Piyush V Shembekar
HR-Specialist
VASPP Technologies, Bangalore



Professor & Head
Dept. of Electronics & Communication Engg
Adichunchanagiri Institute of Technology
Chikkamagalur - 577 102



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1st Feb 2024

Dear Shree Sameehana R,

We are delighted & excited to welcome you to ROBIC RUFARM as Research Associate at ROBIC RUFARM INDIA PVT. LTD. We believe that our team is our biggest strength and we take pride in hiring only the best and the brightest. We are confident that you would play a significant role in the overall success of the company and wish you the most enjoyable, learning packed and truly meaningful internship experience with us. The tenure of this internship is 2 Months.

All the best



Mkanti

Saen Albert

Professor & Head
Dept. of Electronics & Communication Engg
Adichunchanagiri Institute of Technology,
Chikmagalur - 577 102

Robic Rufarm India Pvt Ltd
21st century complex, 3rd
Floor, Nampally, Hyderabad,
Telangana 500030
info@robicrufarm.com



Kakunje Software
engineering ideas



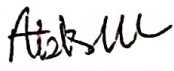
Reference no :KS-AIOTC-4AI20EC020

DATE :13-09-2023

CERTIFICATE OF COMPLETION

This is to certify that **Mr.CHARAN A**, bearing register number : **4AI20EC020**, studying in seventh semester , **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY-577101 CHIKMANGALUR** , has successfully completed his **INTERNSHIP ON EMBEDDED SYSTEMS** here at **KAKUNJE SOFTWARE PRIVATE LIMITED**, 2nd floor, Abhiman Plaza Bunts Hostel Circle, Mangalore-575003 from **16-August-2023 to 13-October-2023**

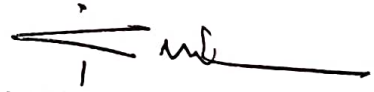
We wish every success in his life and career.


HR MANAGER




Professor & Head
Dept. of Electronics & Communication Engg
& Adichunchanagiri Institute of Technology,
Mangalore - 577 102

For KAKUNJE SOFTWARE PVT. LTD.


Gopala Krishna Bhat Kakunje **SE, MBA**
Managing Director

MANAGING DIRECTOR



Door Number : 15-7-336/17 , Reg.Office : # 205
Abhiman Plaza,Bunts Hostel Circle,Mangaluru
Pin Code-575 003, D.K District , Karnataka, India



M: +91 8892882988
M: +91 8951526765
Ph: 0824 - 2988298



Email: info@kakunjesoftware.co
Email: kakunjesoftware@gmail.c
Web: www.kakunjesoftware.com



Kakunje Software
engineering ideas



Reference no :KS-AIOTC-4AI20EC045

DATE :13-09-2023

CERTIFICATE OF COMPLETION

This is to certify that Mr.MANOJ KUMAR RS, bearing register number : 4AI20EC045, studying in seventh semester , DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY-577101 CHIKMANGALUR . has successfully completed his INTERNSHIP ON EMBEDDED SYSTEMS here at KAKUNJE SOFTWARE PRIVATE LIMITED, 2nd floor, Abhiman Plaza Bunts Hostel Circle, Mangalore-575003 from 16-August-2023 to 13-October-2023

We wish every success in his life and career.

For KAKUNJE SOFTWARE PVT. LTD.

Gopala Krishna Bhat Kakunje BE., MBA
Managing Director

MANAGING DIRECTOR

HR MANAGER



Professor & Head
Dept. of Electronics & Communication Engg
Adichunchanagiri Institute of Technology.
Chikmagalur - 577 102



Door Number : 15-7-336/17 , Reg.Office : # 205
Abhiman Plaza,Bunts Hostel Circle,Mangaluru
Pin Code-575 003, D.K District , Karnataka, India



M: +91 8892882988
M: +91 8951526765
Ph: 0824 - 2988298



Email: info@kakunjesoftware.co
Email: kakunjesoftware@gmail.c
Web: www.kakunjesoftware.com

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING



CERTIFICATE

This is to certify that the project work report (18ECP83) work entitled "SMART AUDITORIUM WITH SECURITY SYSTEMS" is a bonafide work carried out **Praneetha K (4AI20EC070)**, **Shwetha HS (4AI20EC087)**, **Swathi BP (4AI20EC100)**, **Varshitha SV (4AI20EC107)** students of 8th Semester B.E., in partial fulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.

Signature of Internal guide

Mr. Girish S BE.,M.Tech.,(Ph.D.),LMISTE

Assistant Professor, Dept Of ECE

9/5/2024

Signature Of Co-ordinator

Dr. Anil Kumar C BE.,M.Tech.,Ph.D.,LMISTE.,MIE

Associate Proffesor ,Dept Of ECE

Signature of PEC Member

Dr. Kumuda T BE.,M.Tech.,Ph.D.,LMISTE.,MIE

Proffesor, Dept Of ECE

9/5/24

Signature Of HOD

Dr. Goutham M A BE.,M.Tech.,Ph.D

Proffesor and Head ,Dept Of ECE

Signature Of the Principal

Dr. C.T Jayadeva B.E.,M.Tech.,Ph.D

EXTERNAL VIVA

Name of the examiner

Dr. Kumuda T
Manjunatha A

Signature with date

25/5/24
28/5

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102

(Affiliated to VTU, Belagavi-590018)



DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING
CERTIFICATE

This is to certify that GIRIDHANYA C(4AI20EC027), GOWTHAM P (4AI20EC028), HANUMANTH J URS(4AI20EC030), NAVYA B K(4AI20EC052) have submitted the final project report on “DESIGN AND SIMULATION OF FRACTAL-ANTENNA FOR WIRELESS APPLICATION” of the project. They have satisfactorily completed the final project work prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI for 8th semester ELECTRONICS AND COMMUNICATION ENGINEERING in this institute for the academic year 2023-2024.

	Name and Designation	Signature with date
Signature of Principal	Dr. C T Jayadeva Principal B.E., M.Tech., Ph.D.	
Signature of HOD	Dr. Goutham M A B.E., M.Tech., Ph.D.	 15/5/24
Signature of Guide	Mahesh D S B.E., M.Tech., (Ph.D).	 Mahesh
Signature of Reviewer	Chandrakala C T B.E., M.Tech.	
Signature of project coordinator	Dr. Anil Kumar C B.E., M.Tech.,(Ph.D),LMISTE.,MIE.	 14/5/2024
Examiner 1	Dr. VANI H.R	 28/5/24
Examiner 2	Dr. Rammoorthy.D	 28/5/24

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

CHIKKAMAGALURU-5770102

(Affiliated to Visvesvaraya Technological University, Belagavi)



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that ARPITHA H S (4AI20EC010), HARSHITHA M K (4AI20EC031), KAVYA K M (4AI20EC036), KAVYASHREE URS C N (4AI20EC037), have submitted the project on "IOT BASED AQUAPONICS MONITORING SYSTEM". They have satisfactorily completed the final phase project work prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI for 8th semester ELECTRONICS & COMMUNICATION ENGINEERING in this institute for the academic year 2023-2024.

Date:

	Name and Designation	Signature with Date
Signature of Principal	Dr. C T JAYADEVA B.E., M.Tech., Ph.D	
Signature of HOD	Dr. GOUTHAM M A B.E., M.Tech., Ph.D	
Signature of Project Co-ordinator	Dr. ANIL KUMAR C B.E., M.Tech., Ph.D., LMISTE., MIE	 21/5/24
Signature of Guide	Dr. A P JAGADEESH CHANDRA B.E., M.Tech., Ph.D., LMISTE., FIE.	 21/5/24
Signature of Reviewer	Mr. RAJAPPA H S B.E., M.Tech., (Ph.D.), LMISTE.	 21/5/24

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

CHIKKAMAGALURU-577102

(Affiliated to VTU, Belagavi-590018)



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that BHARATH A L (4AI20EC014), LIKHITH H D (4AI20EC039), MAHASOOK AHMED (4AI20EC043) & MOHAMMED MOHTASHIM (4AI20EC046) have submitted the project report "DEVELOPMENT OF HAPTIC PROSTHETIC HAND" of the project. They have satisfactorily completed the project work prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI for 8th semester ELECTRONICS & COMMUNICATION ENGINEERING in this institute for the academic year 2023-2024.

Signature of the Guide

Dr.USHA K P
B.E.,M.Tech., Ph.D

Signature of the Reviewer

Mr. HARISH KUMAR C
B.E.,M.S.,MIE

Signature of the HOD

Dr. GOUTHAM M A
B.E., M.Tech, Ph.D

EXTERNAL VIVA

Sl.No	Name of the External Examiner	Signature with Date
1	Dr. VANI H.R	Vani 28/5/24
2	Dr. Rammurthy. D	Rammurthy 28/5/24

ADICHUNCHANGIRI INSTITUTE OF TECHNOLOGY

CHIKKAMAGALURU-577102

(Affiliated to Visvesvaraya Technological University, Belagavi)

(2023-2024)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the project work report (18ECP83) work entitled "RENEWABLE POWER GENERATION USING SOLAR, PIEZO & WIND FOR FIRE DETECTION SYSTEM" is a bonafide work carried out NISCHITHA C V (4AI20EC060), SAFA ALI (4AI20EC078), SWATHISH H SHETTY (4AI20EC101), VEDHASHREE C R(4AI20EC108) students of 8th Semester B.E., in partial fulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024.

Signature of the Internal Guide

Signature of the Reviewer

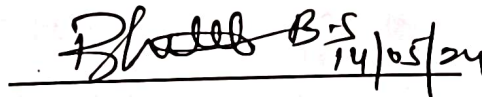
Head of the Department

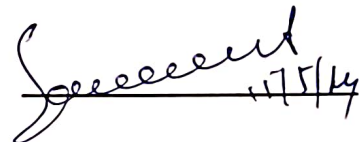
Mrs.Linet D'Souza, B.E., M.Tech

Mr.Raghu Kumar BS B.E., M.Tech.,(Ph.D)


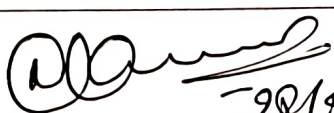
Dr.Goutham MABE, M.Tech, Ph.D


13/5/24


14/05/24


17/5/24

External Examiner

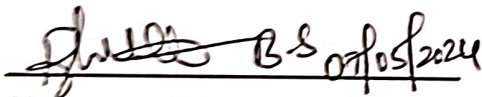
SL.NO	Name of the External Examiner	Signature with Date
1.	Madhuprabha K	 28/5/24
2.	Nirvanjan Kumar M	 28/5/24

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING



CERTIFICATE

This is to certify that the project work report (18ECP83) work entitled "LONG RANGE SYPING ROBOT FOR SECURITY ASSISTANCE" is a bonafide work carried out **Nithin N(4AI20EC063), Shreya B M(4AI20EC086), Sonika H P (4AI20EC089), Vinayaka M S (4AI20EC110)** students of 8th Semester B.E., in partial fulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.

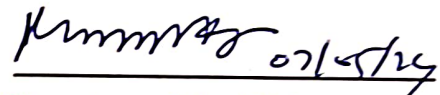


Signature of the Internal guide

Mr. Raghu Kumar B S

B.E., M.Tech., (Ph.D.), JSCA

Assistant Professor, Dept of ECE



Signature of the PEC Member

Dr. Harish M S

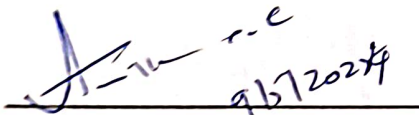
B.E., M.Tech., Ph.D., LMISTE, MIE

Associate Professor, Dept of EC



Signature of the Principal

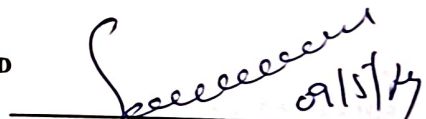
Dr. C T Jayadeva B.E., M.Tech., Ph.D



Signature of Co-ordinator

Dr. Anil Kumar C B.E., M.Tech., Ph.D., LMISTE, MIE

Associate Professor, Dept of ECE



Signature of HOD

Dr. Goutham M A B.E., M.Tech., Ph.D

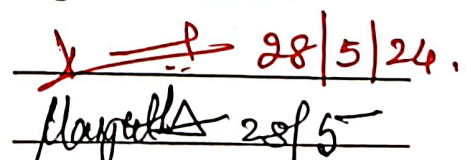
Professor & Head, Dept of ECE

EXTERNAL VIVA

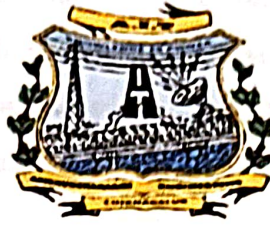
Name of the examiner

Dr. Kununda.T
Manjunatha.A

Signature with date


 28/5/24.
Manjunatha.A 28/5

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**



CERTIFICATE

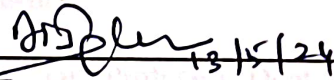
This is to certify that the project work report (18ECP83) work entitled “**SMART SURVEILLANCE ROBOT FOR MILITARY APPLICATION**” is a bonafide work carried out **Sudeep K P(4AI20EC093)**, **Sugam K N(4AI20EC095)**, **Varshith D N (4AI20EC106)**, **Vivek S M (4AI20EC111)** students of 8th Semester B.E., in partial fulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.



Signature of the Internal guide

Mr. Rajappa H S B.E.,M.Tech.,(Ph.D).

Assistant Professor, Dept of ECE



Signature of the PEC Member

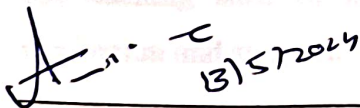
Dr. A P Jagadeesh Chandra B.E.,M.Tech.,Ph.D.LMISTE,FIE

Professor, Dept of ECE



Signature of the Principal

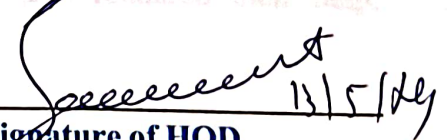
Dr. CT Jayadeva B.E.,M.Tech.Ph.D



Signature of Co-ordinator

Dr. Anil Kumar C B.E.,M.Tech.,Ph.D.,LMISTE.,MIE

Associate Professor, Dept of ECE



Signature of HOD

Dr. Goutham M A B.E.,M.Tech.,Ph.D

Professor & Head, Dept of ECE

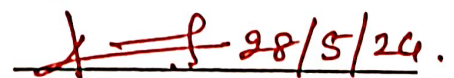
EXTERNAL VIVA

Name of the examiner

Dr. Kenunda.T

Manjunatha.A

Signature with date



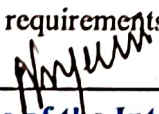


**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**



CERTIFICATE

This is to certify that the project work report (18ECP83) work entitled “**BATTERY MANAGEMENT SYSTEM USING LITHIUM ION BATTERY**” is a bonafide work carried out **Pragathi S (4AI20EC068), Prathik R (4AI20EC072), S V Unnathi (4AI20EC077), Shree Vishnu N V (4AI20EC085)** students of 8th Semester B.E., in partialfulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.



Signature of the Internal guide

Mrs. Nagaveni C R B.E.,M.E.,Ph.D.,MIE.

Assistant Professor, Dept of ECE



Signature of PEC Member

Mrs Tasmia Namreen A B.E.,M.Tech.,MIE,

Assistant Professor, Dept of ECE



Signature of the Principal

Dr. CT Jayadeva B.E.,M.Tech.,Ph.D



Signature of Co-ordinator

Dr. Anil Kumar C B.E.,M.Tech.,Ph.D.,LMISTE.,MIE

Associate Professor, Dept of ECE



Signature of HOD

Dr. Goutham M A B.E.,M.Tech.,Ph.D


Professor & Head, Dept of ECE

EXTERNAL VIVA

Name of the examiner

Dr. Kenunda T
Muruganatha. A

Signature with date


28/5/24.
May 28/5

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-5770102
(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA-577 102

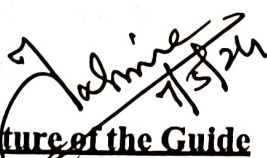


DEPARTMENT OF
ELECTRONICS &
COMMUNICATION
ENGINEERING



CERTIFICATE

This is to certify that Major-Project work entitled "AUTOMATIC VEHICLE SPEED AND HORN CONTROL SYSTEM IN RESTRICTED AREAS " is a work carried out by **PREKSHA C Y (4AI20EC071), SUKHI D (4AI20EC097), VAISHNAVI S R(4AI20EC103), VARSHA C J (4AI20EC104)**, 8th Semester B.E., in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said degree.


Signature of the Guide

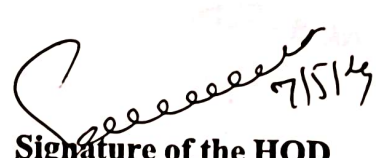
**Mrs. TASMIA
NAMREEN A**

B.E.,M.Tech.,MIE.,LMISTE.


Signature of the Reviewer

Dr. SUMA M

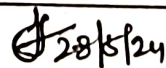
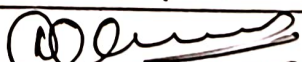
B.E. ,M.Tech ,Ph.D.


Signature of the HOD

Dr. GOUTHAM M A

B.E., M.Tech, Ph.D

EXTERNAL VIVA

Sl.No	Name of the External Examiner	Signature with Date
1	Madhuprakash R	 28/5/24
2	Nirangan Kumar M	 28/5/24

28/5/24

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**



CERTIFICATE

This is to certify that the project work report (18ECP83) work entitled "ELECTRONIC PROTECTION FOR EXAM PAPER LEAKAGE" is a bonafide work carried out PALLAVI S (4AI20EC065), RAKSHITH K (4AI20EC074), VAGDEVI M K (4AI20EC102), NANDASHREE A G (4AI21EC402) students of 8th Semester B.E., in partial fulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for Internal Assessment have been incorporated in thereport deposited in the department library. The project report has been approved, as it satisfies the academic requirements in respect of Project Work prescribed for the said degree.

Meghashree 7/5/2024

Signature of Internal guide

Mrs.Meghashree M B.E.,M.Tech

Girish S 7/5/24

Signature of PEC Member

Mr.Girish S B.E.,M.Tech.,(Ph.D),LMISTE

C T Jayadeva

Signature of the Principal

Dr.C T Jayadeva M.Tech.,Ph.D

Anil Kumar 7/5/2024

Signature of Co-ordinator

Dr.Anil Kumar C B.E.,M.Tech.,Ph.D.,LMISTE.,MIE

Goutham M A 7/5/24

Signature of HOD

Dr.Goutham M A B.E.,M.Tech.,Ph.D

EXTERNAL VIVA

Name of the examiner

C T Jayadeva
Signature with date

Madhuprabashk

Murugan Kumar

Dr. S. S. S.

Dr. S. S. S.

28/5/24

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

CHIKKAMAGALURU-577102


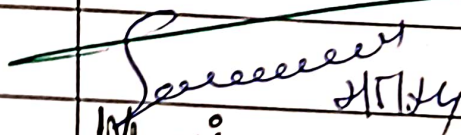
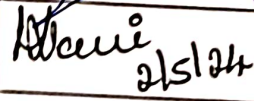


(Affiliated to VTU, Belagavi-590018)



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that ABHISHEK M KARIKATTI (4AI20EC001), BHAGYA SHREE K R (4AI20EC013), NIKHIL K S (4AI20EC054), PANCHAMI K G (4AI20EC115) have submitted the final project report on "DRIVER'S DROWSINESS MONITORING SYSTEM : A VISION BASED APPROACH FOR ENHANCED SAFETY" of the project. They have satisfactorily completed the final project work prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI for 8th semester ELECTRONICS AND COMMUNICATION ENGINEERING in this institute for the academic year 2023-2024.

	Name and Designation	Signature with date
Signature of Principal	Dr. C T Jayadeva B.E.,M.Tech.,Ph.D.	
Signature of HOD	Dr. Goutham M A B.E.,M.Tech.,Ph.D.	
Signature of Gulde	Dr. H R Vani B.E.,M.Tech.,Ph.D.,LMISTE.,MIE.	
Examiner 1	Dr. Suma .M	 27/05/24
Examiner 2	Lokeshwari H.S	 27/5/24

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-5770102
(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA-577 102




**DEPARTMENT OF ELECTRONICS
& COMMUNICATION ENGINEERING**



CERTIFICATE

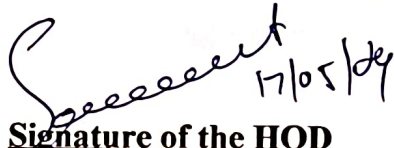
This is to certify that Major-Project work entitled " SMART OFFICE SURVEILLANCE MOVING VEHICLE USING FACE RECOGNITION "is a work carried out by SHIVAKUMAR AMBAKKI (4AI19EC086), **8thSemester B.E.**, in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said degree.


Signature of the Guide
Mrs. TASMIA NAMREEN A

BE.,M.Tech.,MIE

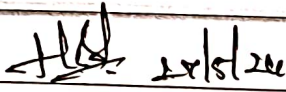

Signature of the Reviewer
Mrs. ANITHA K T

B.E.,ME.,MIE


Signature of the HOD
Dr. GOUTHAMMA

B.E.,M.Tech,Ph.D

EXTERNAL VIVA

Sl. No	Name of the External Examiner	Signature with Date
1	Lokeshwar H.S	 22/12/24
2		

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

CHIKKAMAGALURU-5770102

(Affiliated to Visvesvaraya Technological University, Belagavi)

CHIKKAMAGALURU, INDIA-577 102

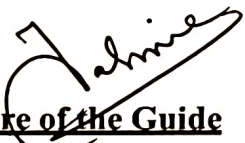



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

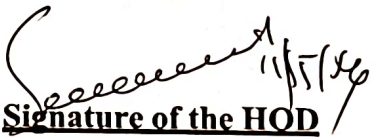


CERTIFICATE

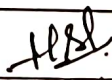
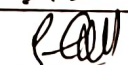
This is to certify that Major-Project work entitled " SMART OFFICE SURVEILLANCE MOVING VEHICLE USING FACE RECOGNITION " is a work carried out by **ABHISHEK T C (4AI20EC004), KUSUMA B K (4AI20EC038), MAHESH (4AI20EC044), NIRIKSHA K G (4AI20EC056), 8th Semester B.E.,** in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said degree.


Signature of the Guide
Mrs. TASMIA NAMREEN A
BE., M.Tech., MIE

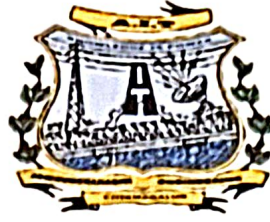

Signature of the Reviewer
Mrs. ANITHA K T
B.E., M.E., MIE


Signature of the HOD
Dr. GOUTHAM M A
B.E., M.Tech, Ph.D

EXTERNAL VIVA

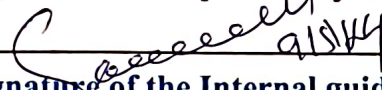
Sl.No	Name of the External Examiner	Signature with Date
1	Lokeshwari H.S	 27/5/24
2	Dr. Suma . M	 27/05/24

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

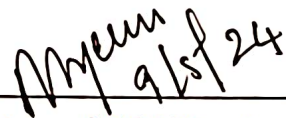


CERTIFICATE

This is to certify that the project work report (18ECP83) work entitled “DEVELOPMENT OF END TO END TRANSCEIVER SYSTEM FOR SEAMLESS WBAN FOR HEALTH MONITOTING SYSTEM” is a bonafide work carried out **Anoushka T K (4AI20EC006)**, **Anusha G K(4AI20EC007)**, **Jeevan Kumar G P (4AI20EC033)**,**Karthik B S (4AI20EC034)** students of 8th Semester B.E., in partial fulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.


Signature of the Internal guide

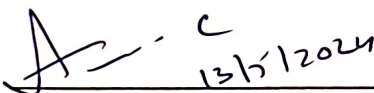
Dr. Goutham M A B.E.,M.Tech.,Ph.D
Assistant Professor, Dept of ECE


Signature of PEC Member

Mrs. Nagaveni C R B.E.,M.E.,(Ph.D),MIE.
Assistant Professor, Dept of ECE


Signature of the Principal

Dr. C T Jayadeva B.E.,M.Tech.Ph.D


Signature of Co-ordinator

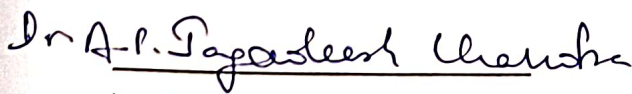
Dr. Anil Kumar C B.E.,M.Tech.,Ph.D.,LMISTE.,MIE
Associate Professor, Dept of ECE


Signature of HOD

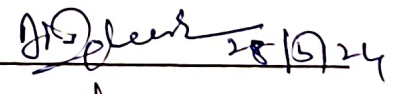
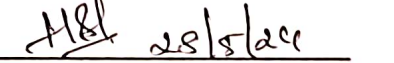
Dr. Goutham M A B.E.,M.Tech.,Ph.D
Professor & Head, Dept of ECE

EXTERNAL VIVA

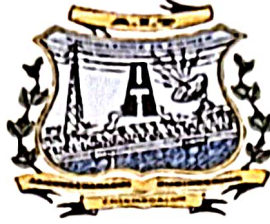
Name of the examiner


Lobeshwari H:S

Signature with date

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**



CERTIFICATE

This is to certify that the project work report (18ECP83) work entitled "IOT-ENABLED SMART FEEDING DISPENSER AND HYDRATION SYSTEM FOR CATTLE WITH REAL-TIME CLOCK PRECISION" is a bonafide work carried out **P V Sai Geethika (4AI20EC064), Sheethal M(4AI20EC083), Shree Sameehana (4AI20EC084), Varshini S (4AI20EC105)** students of 8th Semester B.E., in partial fulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.

Meghashree 30/4/2024

Signature of Internal guide

Mrs Meghashree M B.E.,M.Tech

Anil Kumar C 30/4/2024

Signature of PEC Member

Dr. Anil Kumar C

B.E.,M.Tech.,Ph.D.,LMISTE.,MIE

CT Jayadeva

Signature of the Principal

Dr. C T Jayadeva M.Tech.,Ph.D

Anil Kumar C 30/4/2024

Signature of Co-ordinator

Dr. Anil Kumar C

B.E.,M.Tech.,Ph.D.,LMISTE.,MIE

Goutham M A 30/4/24

Signature of HOD

Dr. Goutham M A B.E.,M.Tech.,Ph.D

EXTERNAL VIVA

Name of the examiner

Dr. Kununda T

Manjunatha A

Signature with date

K. P. 28/5/24

Manjunatha A 28/5

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING




CERTIFICATE

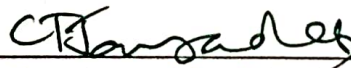
This is to certify that the project work report (18ECP83) work entitled "INTELLIGENT TRAFFIC MANAGEMENT FOR AMBULANCE, CONGESTION CONTROL AND STOLEN VEHICLES" is a bonafide work carried out ANUSHA K R (4AI20EC008), ANUSHREE C J (4AI20EC009), MONISHA S (4AI20EC047), MOULYA K N (4AI20EC048) students of 8th Semester B.E., in partial fulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.


Signature of Internal guide

Dr. KUMUDA T B.E., M.Tech., Ph.D., LMISTE., MIE


Signature of PEC Member


Mr. GIRISH S B.E., M.Tech., (Ph.D.), LMISTE


Signature of the Principal

Dr. CT JAYADEVA M.Tech., Ph.D.


Signature of Coordinator

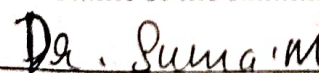
Dr. ANIL KUMAR C B.E., M.Tech., Ph.D., LMISTE., MIE


Signature of HOD

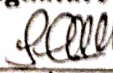
Dr. GOUTHAM MA B.E., M.Tech., Ph.D.

EXTERNAL VIVA

Name of the examiner


Lokeswari H.S.

Signature with date


27/05/24

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

CHIKKAMAGALURU-577102

(Affiliated to VTU, Belagavi-590018)



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that NIRUPAM HEGDE M P (4AI20EC057), NISARGA S (4AI20EC058), NISARGA KANTH K L (4AI20EC059) & RUDRESH L S (4AI20EC076) have submitted the project report "SMART UNDERPASS SURVEILLANCE: INTEGRATING IoT AND MACHINE LEARNING FOR COMPREHENSIVE MONITORING OF VEHICLES AND PEDESTRAIN's" of the project. They have satisfactorily completed the project work prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI for 8th semester ELECTRONICS & COMMUNICATION ENGINEERING in this institute for the academic year 2023-2024.

Signature of the Guide

Mrs. LINET D' SOUZA
B.E., M.Tech.,

Signature of the Reviewer

Dr. H R VANI
B.E., M.Tech., Ph.D, LMISTE, MIE.

Signature of the HOD

Dr. GOUTHAM M A
B.E., M.Tech, Ph.D

EXTERNAL VIVA

Sl.No	Name of the External Examiner	Signature with Date
1	Lokeshwari H-S	27/5/24
2	Dr. Suma M	27/05/24

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING



CERTIFICATE

This is to certify that the project work report (18ECP83) work entitled "V2X BASED VEHICLE LOCALIZATION AND AUTOMATIC VEHICLE SPEED CONTROL SYSTEM" is a bonafide work carried out **Rakshith N P (4AI20EC075), Sneha N S(4AI20EC088), Srujan K J (4AI20EC091), Swamy kotresh B (4AI20EC098)** students of 8th Semester B.E., in partial fulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.

Nagaveni
21/5/24

Signature of the Internal guide

Mrs. Nagaveni C R B.E.,M.E.,(Ph.D.),MIE.

Assistant Professor, Dept of ECE

Goutham
21/5/24

Signature of PEC Member

Dr. Goutham M A B.E.,M.Tech.,Ph.D.

Professor & HOD, Dept of ECE

CT Jayadeva

Signature of the Principal

Dr. C T Jayadeva B.E.,M.Tech.Ph.D

Anil Kumar
21/5/2024

Signature of Co-ordinator

Dr. Anil Kumar C B.E.,M.Tech.,Ph.D.,LMISTE.,MIE

Associate Professor, Dept of ECE

Goutham
21/5/24

Signature of HOD

Dr. Goutham M A B.E.,M.Tech.,Ph.D

Professor & Head, Dept of ECE

EXTERNAL VIVA

Name of the examiner

Lokeshwari H S

Dr. Puma m

Signature with date

H S 21/5/24

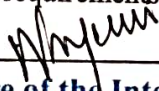
Puma
27/05/24

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**



CERTIFICATE

This is to certify that the project work report (18ECP83) work entitled "BATTERY MANAGEMENT SYSTEM USING LITHIUM ION BATTERY" is a bonafide work carried out **Pragathi S (4AI20EC068), Prathik R (4AI20EC072), S V Unnathi (4AI20EC077), Shree Vishnu N V (4AI20EC085)** students of 8th Semester B.E., in partialfulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.



Signature of the Internal guide

Mrs. Nagaveni C R B.E.,M.E.,Ph.D.,MIE.

Assistant Professor, Dept of ECE



Signature of PEC Member

Mrs Tasmia Namreen A B.E.,M.Tech.MIE,

Assistant Professor, Dept of ECE



Signature of the Principal

Dr. C T Jayadeva B.E.,M.Tech.Ph.D



Signature of Co-ordinator

Dr. Anil Kumar C B.E.,M.Tech.,Ph.D.,LMISTE.,MIE

Associate Professor, Dept of ECE



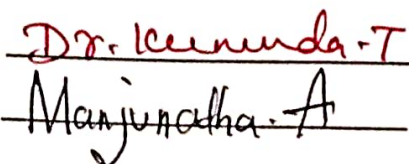
Signature of HOD

Dr. Goutham M A B.E.,M.Tech.,Ph.D

Professor & Head, Dept of ECE

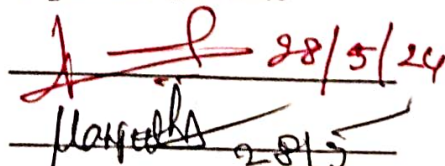
EXTERNAL VIVA

Name of the examiner



**Dr. Keenurda T
Manjunatha A**

Signature with date



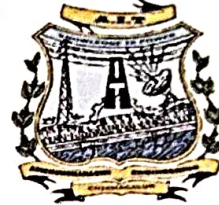
**Dr. Keenurda T
Manjunatha A** 28/5/24

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-5770102**

(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA-577 102



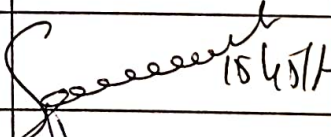
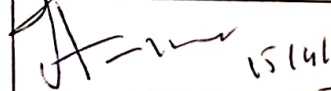
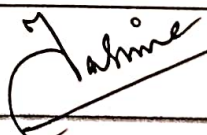
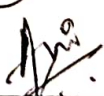
**DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING**



CERTIFICATE

This is to certify that ABHISHEK T C (4AI20EC004), KUSUMA B K (4AI20EC038), MAHESH (4AI20EC044), NIRIKSHA K G (4AI20EC056) have submitted the project on "SMART OFFICE SURVEILLANCE MOVING VEHICLE USING FACE RECOGNITION " of the project. They have satisfactorily completed the Project final phase work prescribed by the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI for the 8th semester in ELECTRONICS & COMMUNICATION ENGINEERING at this institute for the academic year 2023-2024.

Date:

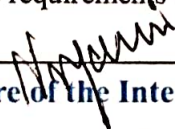
	Name and Designation	Signature with Date
Signature of Principal	Dr. C T JAYADEVA B.E., M.Tech., Ph.D, MISTE	
Signature of HOD	Dr. GOUTHAM M A B.E., M.Tech., Ph.D	 15/4/2024
Signature of Project coordinator	Dr. ANIL KUMAR C B.E., M.Tech., Ph.D., LMISTE., MIE	 15/4/2024
Signature of Guide	Mrs .TASMIA NAMREEN A BE., M.Tech., MIE	
Signature of Reviewer	Mrs. ANITHA K T B.E., M.E., MIE	

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**




CERTIFICATE


This is to certify that the project work report (18ECP83) work entitled "BATTERY MANAGEMENT SYSTEM USING LITHIUM ION BATTERY" is a bonafide work carried out **Pragathi S (4AI20EC068), Prathik R (4AI20EC072), S V Unnathi (4AI20EC077), Shree Vishnu N V (4AI20EC085)** students of 8th Semester B.E., in partial fulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.



Signature of the Internal guide
Mrs. Nagaveni C R B.E., M.E., Ph.D., MIE.
Assistant Professor, Dept of ECE

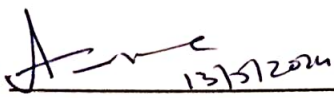


Signature of PEC Member
Mrs Tasmia Namreen A B.E., M.Tech., MIE,
Assistant Professor, Dept of ECE

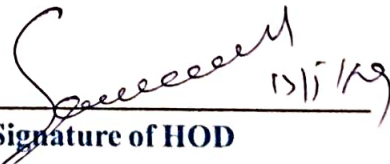


Signature of the Principal

Dr. C T Jayadeva B.E., M.Tech., Ph.D



Signature of Co-ordinator
Dr. Anil Kumar C B.E., M.Tech., Ph.D., LMISTE, MIE
Associate Professor, Dept of ECE



Signature of HOD
Dr. Goutham M A B.E., M.Tech., Ph.D
Professor & Head, Dept of ECE

EXTERNAL VIVA

Name of the examiner

Signature with date

Manjunatha . A

Manjula 28/5

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-5770102**

(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA-577 102



**DEPARTMENT OF
ELECTRONICS &
COMMUNICATION
ENGINEERING**



CERTIFICATE

This is to certify that Major-Project work entitled "DETECTION OF DISEASE IN CROPS USING CONVOLUTION NEURAL NETWORK(CNN)" is a work carried out by **BHOOMIKA B L (4AI20EC017), BHOOMIKA P N (4AI20EC018), DEEPIKA T (4AI20EC025), GAGANA URS G S (4AI20EC026), 8th Semester B.E.**, in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said degree.


Signature of the Guide 25/04/24

Dr. HARISH M S
B.E.,M.Tech.,Ph.D

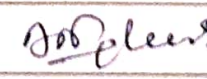

Signature of the Reviewer 25/04/24

Mr. RAGHU KUMAR B S
B.E.,M.Tech,(Ph.D),ISCA.


Signature of the HOD 28/04/24

Dr. GOUTHAM M A
B.E., M.Tech, Ph.D

EXTERNAL VIVA

Sl.No	Name of the External Examiner	Signature with Date
1	Dr A.P. Jagadeesh Chandre	 28/6/24
2		

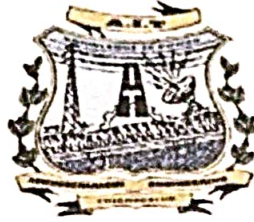
ADICHUNCHANGIRI INSTITUTE OF TECHNOLOGY

CHIKKAMAGALURU-577102

(Affiliated to Visvesvaraya Technological University, Belgaum)

(2023-2024)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that the project work report (18ECP83) work entitled "OTP BASED SMART DOOR LOCK CONTROL AND ALERTING SYSTEM" is a bonafide work carried out Ashwini Kalari (4AI20EC011), Bhuvana T G (4AI20EC019), Charan A (4AI20EC020), Manoj Kumar R S (4AI21EC045) students of 8th Semester B.E., in partial fulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.

Signature of the Internal Guide

Mr.Madhu Prakash R B.E., M.Tech., MIE

Signature of the Reviewer

Mrs.Anitha K T B.E., M.E., MIE

11/05/24

External Examiner

Head of the Department

Dr. Goutham M A Ph.D.

SL.NO	Name of the External Examiner	Signature with Date
1	Dr-A-P Jagadeesh chandra	 28/5/24
2	Lokeshwar H.S.	 28/5/24

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING



CERTIFICATE

This is to certify that the project work report (18ECP83) work entitled “ENVIRONMENT MONITORING SMART WATCH” is a bonafide work carried out **Madan C R (4AI20EC040), MadhanGowda M(4AI20EC042),Naveen V Hiremath(4AI20EC051),Nikhith R M(4AI20EC055)** students of 8th Semester B.E., in partialfulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.


11/05/24

Signature of the Internal guide

Dr.SUMA M B.E.,M.Tech.,Ph.D.,LMISTE.,MIE.
Associate Professor, Dept of ECE



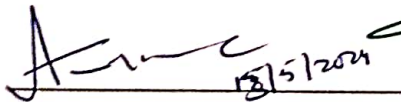
Signature of PEC Member

TASMIA NAMREEN A B.E.,M.Tech.,MIE.,
Assistant Professor., Dept of ECE.



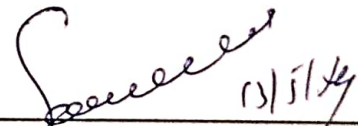
Signature of the Principal

Dr. C T Jayadeva B.E.,M.Tech.Ph.D


13/5/2024

Signature of Co-ordinator

Dr. Anil Kumar C B.E.,M.Tech.,Ph.D.,LMISTE.,MIE
Associate Professor, Dept of ECE


13/5/24

Signature of HOD

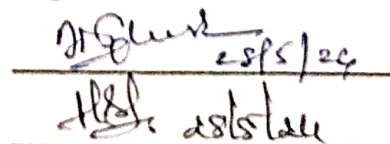
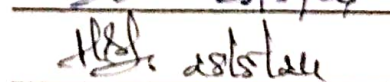
Dr. Goutham M A B.E.,M.Tech.,Ph.D
Professor & Head, Dept of ECE

EXTERNAL VIVA

Name of the examiner

Dr. A. P. Papadeesh Chembur
Lokeshwari H.S.

Signature with date


13/5/24


**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-5770102**

(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA-577 102



**DEPARTMENT OF
ELECTRONICS &
COMMUNICATION
ENGINEERING**



CERTIFICATE

This is to certify that Major-Project work entitled " **IoT BASED FOOD DELIVERY ROBOT**" is a work carried out by **BHARATH S (4AI20EC015), CHETHAN SHETTY C R (4AI20EC021), SUGAM GANESH K S (4AI20EC094), SUJAY URS C B (4AI20EC096), 8th Semester B.E.**, in partial fulfillment for the award of degree of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi, during the year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said degree.

Signature of the Guide

Mr. GIRISH S
BE., M.Tech., (Ph.D.), LMISTE

Signature of the Reviewer

Mr. RAJAPPA H S
B.E., M.Tech., (Ph.D.), LMISTE

Signature of the HOD

Dr. GOUTHAM M A
B.E., M.Tech, Ph.D

EXTERNAL VIVA

Sl.No	Name of the External Examiner	Signature with Date
1	Dr. VANI H.R	28/5/24
2	Dr. Rammothy. D	28/5/24

ADICHUNCHANGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102

(Affiliated to Visvesvaraya Technological University, Belgaum)

(2023-2024)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

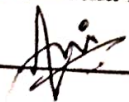


CERTIFICATE

This is to certify that the project work report (18ECP83) work entitled " SMART AQUA MONITORING SYSTEM USING IOT FOR FISH CULTURE" is a bonafide work carried out Sanmathi H M (4AI20EC080), Spoorthi D N (4AI20EC090), SwarnaGowri K S (4AI20EC099), Sahana K R (4AI21EC403) students of 8th Semester B.E., in partial fulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.

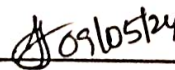
Signature of the Internal Guide

Mrs.Anitha K T, B.E., M.E., MIE

 09/05/24

Signature of the Reviewer

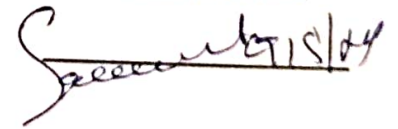
Mr.Madhu Prakash R B.E., M.Tech., MIE

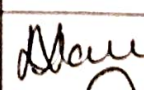
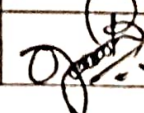
 09/05/24

External Examiner

Head of the Department

Dr. Goutham M A Ph.D.

 09/05/24

SL.NO	Name of the External Examiner	Signature with Date
1	Dr. VANI H. R	 28/5/24
2	Dr. Rammurthy. A	 28/5/24

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-5770102
(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA-577 102



**DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING**

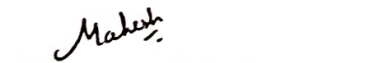


CERTIFICATE

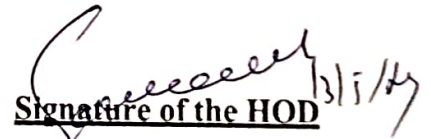
This is to certify that Major-Project work entitled " **SUSPICIOUS ACTIVITY DETECTION AND ALERT SYSTEM USING RASPBERRY Pi** is a work carried out by **ABHISHEK PRAJAPATI(4AI20EC003)**, **BASAVARAJU M M(4AI20EC012)**, **GREESHMA B R(4AI20EC025)**, 8th Semester B.E., in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said degree.


Signature of the Guide

Ms. CHANDRAKALA C T
B.E., M.Tech.

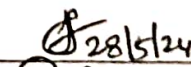
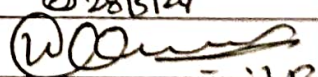

Signature of the Reviewer

Mr. MAHESH D S
B.E., M.Tech.,(Ph.D)


Signature of the HOD
13/5/24

Dr. GOUTHAM M A
B.E.,M.Tech, Ph.D

EXTERNAL VIVA

Sl.No	Name of the External Examiner	Signature with Date
1	Madhu prakash R	 28/5/24
2	Nooragar Aruman	 28/5/24

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**



CERTIFICATE

This is to certify that the project work report (18ECP83) work entitled “SMART WEARABLE DEVICE FOR WOMEN SAFETY USING IOT” is a bonafide work carried out Prajwal S L (4AI20EC069), Vinayak B O (4AI20EC109), Yashwanth K N (4AI20EC112) and Yogish N S (4AI20EC113) students of 8th Semester B.E., in partial fulfilment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.


Signature of the Internal guide

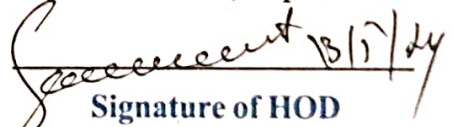
Mr. Harish Kumar C R, B.E.,M.S.
Assistant Professor, Dept of ECE


Signature of PEC Member

Dr. Usha K P, B.E., M Tech Ph.D
Assistant Professor, Dept of ECE


Signature of Co-ordinator

Dr. Anil Kumar C B.E.,M.Tech.,Ph.D.,LMISTE...,MIE
Associate Professor, Dept of ECE


Signature of HOD

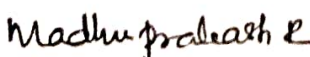
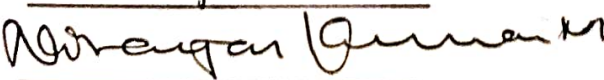
Dr. Goutham M A B.E.,M.Tech.,Ph.D
Professor & Head, Dept of ECE


Signature of the Principal



Dr. C T Jayadeva B.E.,M.Tech.Ph.D

EXTERNAL VIVA

Name of the examiner

Signature with date

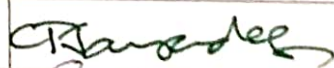
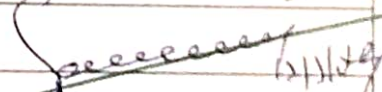

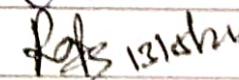

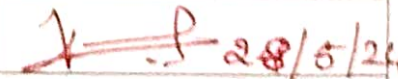
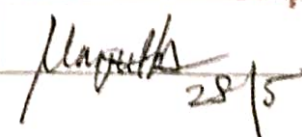
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102

(Affiliated to VTU, Belagavi-590018)



DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING
CERTIFICATE

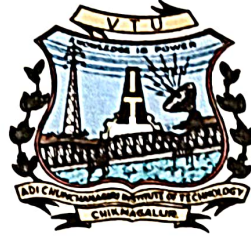
This is to certify that the project work report (18ECP83) work entitled "WIRELESS POWER TRANSFER SYSTEM FOR CHARGING OF ELECTRIC VEHICLES AND AUTOMATIC BILLING" is a bonafide work carried out NISCHITHA H S (4AI20EC061), POOJASHREE M N (4AI20EC067), SHABAZ KHAN (4AI20EC081), SHAKTHI B S (4AI20EC082) students of 8th Semester B.E., in partial fulfillment for the Project Work of 8th semester Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2023-2024. It is certified that all corrections and suggestions indicated for 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 the said degree.

	Name and Designation	Signature with date
Signature of Principal	Dr. C T Jayadeva B.E., M.Tech., Ph.D.	
Signature of HOD	Dr. Goutham M A B.E., M.Tech., Ph.D	
Signature of Co-ordinator	Dr. Anil Kumar C B.E., M.Tech., Ph.D., LMSPE, MIE	
Signature of Guide	Mr. Rajappa H S B.E., M.Tech., (Ph.D)	
Signature of PEC Member	Mrs. Meghashree.M B.E., M.Tech..	
Examiner 1	Dr. Keenuda-T	
Examiner 2	Manjunatha-A	

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

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CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

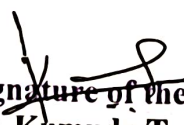
This is to certify that Mini-Project work entitled "*Wireless AC Power Detection*" is a bonafide work carried out by CHETHAN H S (4AI22EC405), HARSHA V (4AI22EC412), RUDRESH C S (4AI22EC421), VIJAY KUMAR N B (4AI22EC428), 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

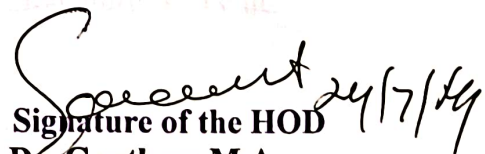

23/7/24


Signature of the Guide
Mrs. Linet Dsouza.B.E.,M.Tech
Assistant Professor
Dept. of E&CE


22/07/24

Signature of the Reviewer
Dr. Suma M. B.E.,M.Tech.,Ph.,LMISTE.,MIE
Associate Professor
Dept. of E&CE


Signature of the Coordinators
Dr. Kumuda T. B.E., M.Tech., Ph.D
Professor
Dept. of E&CE

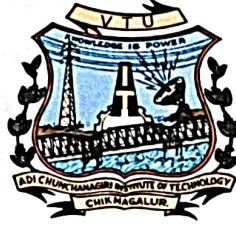

Signature of the HOD
Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE


Mrs. Manjula U R B.E., M.Tech
Assistant professor
Dept of E&CE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

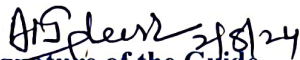
(Affiliated to Vishvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING




CERTIFICATE

This is to certify that BIBI SWAGRA (4AI21EC014), CHAITHRA L P (4AI21EC016), MANYA U (4AI21EC043), POOJA H.H (4AI21EC053) have submitted the MINIPROJECT report entitled "**Laser security alarm system using Arduino**". They have satisfactorily completed the Mini project work prescribed by Vishvesvaraya Technological University, Belagavi, for 6th sem Electronics and Communication Engineering during the year 2023-24.


Signature of the Guide


Dr A P Jagadeesh Chandra .BE.,M.Tech.,Ph.D.,LMISTE
Professor, Dept. of E&CE
A.I.T., Chikkamagluru


Signature of the Reviewer

Harish Kumar C R.BE.,M.S.,MIE.
Asst.Professor, Dept. of E&CE
A.I.T., Chikkamagluru


Signature of the Coordinators

Dr. Kumuda T .BE.,M.Tech.,Ph.D.,LMISTE.,MIE.
Asst. Professor
Dept. of E&CE


Signature of the HOD

Dr. Goutham M A.BE.,M.Tech.,Ph.D
Professor & Head
Dept. of E&CE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

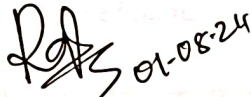
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CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE


This is to certify that Mini-Project work entitled “*Multifunctional Vehicle Security System*” is a bonafide work carried out by **ANANYA M(4AI21EC003), BHAVANA H P(4AI21EC011), KAVANA K S(4AI21EC035), KEERTHANA L S(4AI21EC036)**, 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

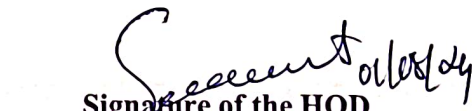
 01-08-24


Signature of the Guide
RAJAPPA H S. B.E., M.Tech., (Ph. D)
Assistant Professor
Dept. of E&CE

 1/8/24

Signature of the Reviewer
GIRISH S. B.E., M.Tech., (Ph.D)
Assistant Professor
Dept. of E&CE


Signature of the Coordinators
Dr. Kumuda T. B.E., M.Tech., Ph. D
Professor
Dept. of E&CE


Signature of the HOD
Dr. Goutham M A. B.E., M.Tech., Ph. D
Professor & Head
Dept. of E&CE


Manjula U R B.E., M.Tech
Assistant Professor
Dept. of E&CE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY


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CHIKKAMAGALURU, INDIA -577 102

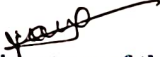
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING




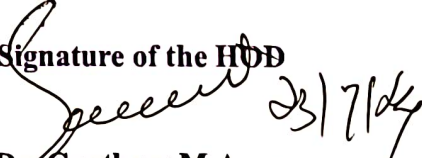
CERTIFICATE


This is to certify that Mini-Project work entitled "*Face recognition attendance system using OpenCV and python*" is a bonafide work carried out by group of Shivesh Dev K M(4AI21EC081), Sathish S V(4AI21EC072), Shashank A N(4AI21EC077), Suhas P(4AI21EC091), 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.


Signature of the Guide
Dr. Kumuda T. B.E., M.Tech. Ph.D
Professor
Dept. of E&CE


Signature of the Reviewer
Manjula U R B.E., M.Tech
Assistant Professor
Dept. of E&CE

Signature of the Coordinators

Dr. Kumuda T. B.E., M.Tech. Ph.D
Professor
Dept. of E&CE

Signature of the HOD

Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE


Manjula U R B.E., M.Tech
Assistant Professor
Dept. of E&CE

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(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that Mini-Project work entitled "IoT-Based Home Automation System Using Arduino Uno" is a bonafide work carried out by **SINCHANA KAKADE S (4AI21EC085)**, **PRIYA H S (4AI21EC059)**, **ROHINI N C (4AI21EC069)**, **SRUSTI C (4AI21EC090)**, 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

Signature of the Guide

Mr. RAJAPPA H S B.E., M.Tech., (Ph.D)
Assistant Professor
Department of E&CE, AIT

Signature of the Reviewer

Mr. RAGHU KUMAR BS B.E., M.Tech., (Ph.D)
Assistant Professor
Department of E&CE, AIT

Signature of the Coordinators

Dr. Kumuda T B.E., M.Tech., Ph.D.
Assistant Professor
Department of E&CE, AIT

Signature of the HOD

Dr. Goutham M A B.E., M.Tech., Ph.D.
Professor & Head
Department of E&CE, AIT

Manjula U R B.E., M.Tech.
Assistant Professor
Department of E&CE, AIT

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

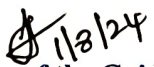
(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102


DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING





CERTIFICATE


This is to certify that Mini-Project work entitled "*Plant wellness monitoring system using ESP8266*" is a bonafide work carried out by **Chethan V (4AI22EC406)**, **Indika G (4AI22EC413)**, **Sandya M (4AI22EC423)**, **Sneha S V (4AI22EC426)**, 6th Semester B.E. in partial fulfillment for the award of degree of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi, during the year **2023-24**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.


Signature of the Guide
Mr MADHUPRAKASH R BE,M.Tech, MIE
Assistant Professor
Dept. of E&CE


Signature of the Reviewer
Dr Usha K P BE,M.Tech,Ph.D
Assistant Professor of
Dept. of E&CE


Signature of the Coordinators
Dr. Kumuda T .B.E., M.Tech., Ph.D.
Professor
Dept. of E&CE


Signature of the HOD
Dr. Goutham M A .B.E., M.Tech., Ph.D.
Professor & Head
Dept. of E&CE


Manjula U R B.E., M.Tech
Asst. Professor Dept. of E&CE

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING




CERTIFICATE

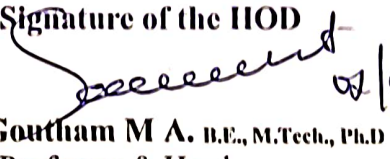
This is to certify that Mini-Project work entitled "*Areca nut segregation based on colour*" is a bona fide work carried out by **MONIKA KM(4AI22EC417), ARPITHA KR(4AI22EC401), GIRISH AC(4AI22EC10), BIAGAVNTRAYA S(4AI22EC403)** 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in **Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi, during the year **2022**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.



Signature of the Guide
Dr. Anilkumar C B.E., M.Tech., Ph.D
Associate Professor
Dept. of E&CE


Signature of the Reviewer
Mrs. Divya G.S B.E., M.Tech.,
Assistant Professor
Dept. of E&CE

Signature of the Coordinators


Dr. Kumuda T. B.E., M.Tech., Ph.D
Professor
Dept. of E&CE


Signature of the HOD
Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE


Manjula U R B.E., M.Tech
Assistant professor
Dept of E&CE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



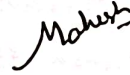
CERTIFICATE

This is to certify that Mini-Project work entitled “SMART RAILWAY WAGON” is a bonafide work carried out by PAVANKUMAR (4AI21EC052), LIKHITH SV (4AI21EC037), DHANUSH GOWDA H (4AI21EC028) SHASHANK K G (4AI22EC424) 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.


29/7/24

Signature of the Guide

GIRISH S B.E., M. Tech, (Ph.D), LMISTE
Dept. of E&CE
A.I.T., Chikamagluru



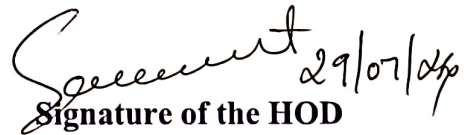
Signature of the Reviewer

MAHESH D S B.E., M. Tech, (Ph.D), MIE
Dept. of E&CE
A.I.T., Chikamagluru



Signature of the Coordinators

Dr. Kumuda T. B.E., M. Tech., Ph. D
Professor
Dept. of E&CE


29/07/24

Signature of the HOD

Dr. Goutham M A B.E., M. Tech, Ph. D
Professor & Head
Dept. of E&CE



Manjula U R B.E., M.Tech
Assistant professor
Dept of E&CE

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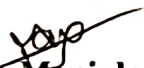
This is to certify that Mini-Project work entitled "IOT BASED INDUSTRIAL MONITORING SYSTEM USING ESP32" is a bona fide work carried out by Abhishek K M (4AI21EC001), Ankith P (4AI21EC004), Darshan S(4AI21EC021), Avinash H R (4AI22EC402), Dayananda H L (4AI22EC407) 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.


Signature of the Guide

Mr. Girish S, B.E., M.Tech, (PH.D), LMIS
Dept. of E&CE
A.I.T., Chikkamagaluru

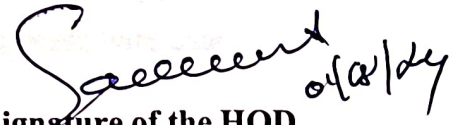

Signature of the Coordinators

Dr. Kumuda T. B.E., M.Tech., Ph. D
Professor
Dept. of E&CE


Ms. Manjula U R B.E., M.Tech
Asst. professor
Dept of E&CE


Signature of the Reviewer

Mr. Harish Kumar C R.,
B.E., M.S., MIE.
Dept. of E&CE
A.I.T., Chikkamagaluru


Signature of the HOD

Dr. Goutham M A B.E., M.Tech, Ph. D
Professor & Head
Dept. of E&CE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

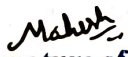
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CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that Mini-Project work entitled "CIRCULAR SHAPED PATCH ANTENNA FOR 2.4GHz WIRELESS APPLICATION" is a bona fide work carried out by Deepu p (4AI22EC408), Jeevan R M (4AI22EC033), Kanakraj H R (4AI22EC014), Karanraj H R (4AI22EC015), 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

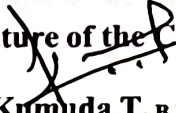

Signature of the Guide

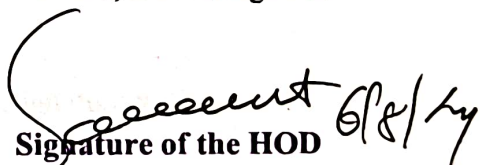
Mr. MAHESH D S, B.E., M.Tech., (Ph. D.), MIE
Dept. of E&CE
A.I.T., Chikkamagaluru


Signature of the Reviewer


DR. J R VANI, B.E., M.TECH., PH.D., LIMISTE, MIE.
Dept. of E&CE
A.I.T., Chikkamagaluru

Signature of the Coordinators


Dr. Kumuda T. B.E., M.Tech., Ph. D
Professor
Dept. of E&CE


Signature of the HOD

Dr. Goutham M A B.E., M.Tech, Ph. D
Professor & Head
Dept. of E&CE


Ms. Manjula U R B.E., M.Tech
Asst. professor
Dept of E&CE

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CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that Mini-Project work entitled “**FOOT STEP POWER GENERATOR USING PIEZOELECTRIC SENSOR**” is a bonafide work carried out by **PRIYANKA H J (4AI21EC060), PRUTHVI V (4AI21EC062), RAKSHITHA K U (4AI21EC067), THULASI K (4AI21EC098) 6th SEMESTER B.E.** in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

Signature of the Guide

Dr. USHA K.P BE., M.Tech., Phd., MIE
Assistant Professor
Dept of E&CE AIT CKM

Signature of the Reviewer

Dr. M.S HARISH BE., M.Tech., Phd., LMISTIE MIE
Associate Professor
Dept of E&CE AIT CKM

Signature of the Coordinators

Dr. KUMUDA T. B.E., M.Tech., Ph.D
Professor
Dept. of E&CE AIT CKM

Signature of the HOD

Dr. GOUTHAM M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE AIT CKM

Mrs. MANJULA U R B.E., M.Tech
Assistant Professor
Dept of E&CE AIT CKM

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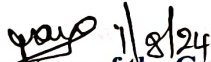
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CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING




CERTIFICATE

This is to certify that Mini-Project work entitled "*SMART TRAFFIC SIGNAL MONITORING AND CONTROLLING*" is a bonafide work carried out by **BENAKESH S N (4AI21EC010), CHETHAN N M (4AI21EC020), NAKUL P M (4AI21EC046), NIRANJAN G M (4AI21EC049)**, 6th Semester B.E. in partial fulfillment for the award of degree of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi, during the year **2023-24**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

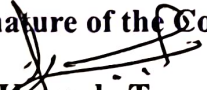

Signature of the Guide

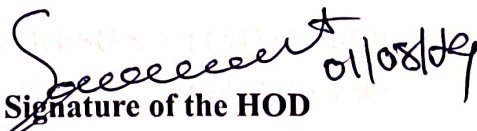
Mrs. Manjula U R B.E., M.Tech
Asst. Professor
Dept. of E&CE


Signature of the Reviewer

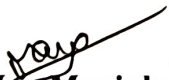
Mr. MADHU PRAKASH R B.E., M.Tech
Asst. Professor
Dept. of E&CE

Signature of the Coordinators


Dr. Kumuda T. B.E., M.Tech., Ph.D
Professor
Dept. of E&CE


Signature of the HOD

Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE


Mrs. Manjula U R B.E., M.Tech
Assistant professor
Dept of E&CE

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CERTIFICATE

This is to certify that Mini-Project work entitled "*Ultrasonic Spectacle For Blinds*" is a bona fide work carried out by **SHARATH R(4AI21EC076)**, **THARUN R(4AI21EC096)**, **SUNIL KUMAR M C (4AI22EC427)**, **SACHCHIDANANDA H(4AI22EC422)**, 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

Mauji 29/7/24

Signature of the Guide
Dr. VANI H R. B.E., M.Tech, Ph.D
Associate Professor
Dept. of E&CE

Signature of the Coordinators

[Signature]
Dr. Kurnada T. B.E., M.Tech., Ph.D LMISTE., MIE
Professor
Dept. of E&CE

[Signature]
Mrs Manjula U R B.E., M.Tech
Assistant professor
Dept of E&CE

Meghashree 02/8/2024

Signature of the Reviewer
Mrs MEGHASHREE M. B.E., M.Tech
Assistant Professor
Dept. of E&CE

[Signature]
Signature of the HOD *02/08/24*

Dr. Goutham M A. B.E. M.Tech, Ph.D
Professor & Head
Dept. of E&CE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



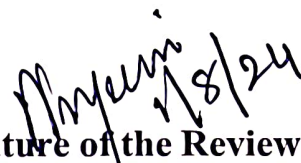
CERTIFICATE

This is to certify that the Mini project work entitled “GUARDIAN VITAL SHIELD”[21ECMP67]”is a bonafide work carried out by Pragna J (4AI21EC055), Sowmya C G (4AI21EC089) Sinchana K S(4AI21EC084) student of 6th semester B.E, in partial fulfilment for the award of Degree of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi during the academic year **2023-2024**. It is certified that all corrections and suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The internship report has been approved, as it satisfies the academic requirements in respect of internship work prescribed for the said Degree.

 05/08/24

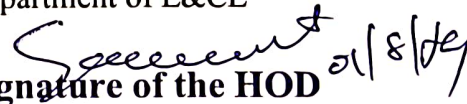
Signature of the Guide

Dr. Harish M S, B.E., M. Tech., PH.D., MIE
Assistant Professor,
Department of E&CE

 18/8/24

Signature of the Reviewer

Mrs. Nagveni C R B.E., M.E., (PH.D.), MIE
Assistant Professor,
Department of E&CE


 01/8/24

Signature of the HOD

Dr. M A Goutham B.E., M. Tech., PH.D., MIE
Professor and Head of
Department of E&CE


Signature of the Coordinator

Dr. Kumuda T., B.E., M. Tech., PH.D
Assistant Professor,
Department of E&CE


Manjula U R B.E., M.Tech
Assistant professor
Department of E&CE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

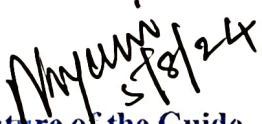
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CHIKKAMAGALURU, INDIA -577 102


DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

CERTIFICATE



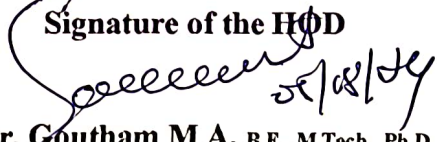
This is to certify that Mini-Project work entitled "SOLAR BASED AUTOMATED AGRICULTURE" is a bona fide work carried out by BHARATH M B(4AI22EC404), GANESH KUMAR H U(4AI22EC409), SHRESHTA A D (4AI21EC082), HARISH K S(4AI22EC411), 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.


Signature of the Guide
Mrs NAGAVENI C R. B.E., M.Tech
Assistant Professor
Dept. of E&CE


Signature of Reviewer
Dr. GOUTHAM M A. B.E., M.Tech, Ph. D
Professor and Head
Dept. of E&CE

Signature of the Coordinators


Dr. Kamuda T. B.E., M.Tech., Ph.D
Professor
Dept. of E&CE


Signature of the HOD
Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE


Manjula U R B.E., M.Tech
Assistant Professor
Dept. of E&CE

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CHIKKAMAGALURU,INDIA-577102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that Mini-Project work entitled "**AUTOMATIC WIPING SYSTEM USING ARDINO UNO**" is a bonafide work carried out by **PRAMOD GOWDA T E (4AI21EC057)** **PUNITH T R (4AI21EC065)**, **RAKSHITH C N (4AI21EC066)**, **VARSHITH C P (4AI21EC100)** 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

Nagaveni
11/8/24

Signature of the Guide
Nagaveni C R B.E.,M.Tech.,(Ph.D)
Assistant Professor
Dept.of E&CE

Mahesh

Signature of the Reviewer
Mahesh D S., B.E.,M.Tech.,(Ph.D)
Assistant Professor
Dept.of E&CE

Dr. Kumuda T

Signature of the Coordinators
Dr. Kumuda T. B.E.,M.Tech., Ph.D
Professor
Dept. of E&CE

Dr. Goutham M A
01/02/24

Signature of the HOD
Dr. Goutham M A. B.E.,M.Tech.,Ph.D
Professor & Head
Dept. of E & CE

Manjula U R

Manjula U R B.E.,M.Tech
Assistant Professor
Dept. of E&CE

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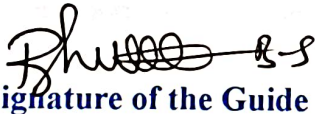
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CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that Mini-Project work entitled “**AGRICULTURE SAFETY USING SMART SCARECROW DOLL**” is a bonafide work carried out by **SUHAS RATHOD C P (4AI21EC092)**, **TEJASWINI R JAGADISH(4AI21EC094)**, **YASHASWINI C B(4AI21EC103)**, 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

 05/08/2024

Signature of the Guide
Mr. Raghukumar B S. B.E., M.Tech(Ph.d)
Assistant Professor
Dept. of E&CE

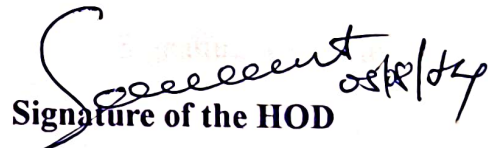


Signature of the Reviewer
Dr. Usha K P. B.E., M.Tech., Ph.d
Assistant Professor
Dept. of E&CE

Signature of the Coordinators



Dr. Kamuda T. B.E., M.Tech., Ph.D
Professor
Dept. of E&CE

 05/08/2024

Signature of the HOD

Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE

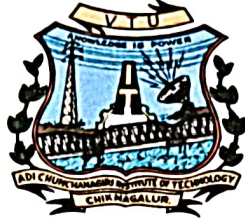


Mrs. Manjula U R B.E., M.Tech
Assistant professor
Dept of E&CE

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CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that Mini-Project work entitled “*RFID Based Attendance System Using ESP8266 Wi-Fi Microcontroller*” is a bonafide work carried out by Anusha A(4AI21EC006) Darshini B(4AI21EC022) Deeksha K B(4AI21EC023) Deeksha K R (4AI21EC024) 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

Signature of the Guide

Mr. Raghu Kumar B. S
B.E., M.Tech., (Ph.D.), ISCA
Assistant Professor
Dept. of E&CE

Signature of the Reviewer

Dr. Harish M S
B.E., M.Tech., Ph.D., LMISTE., MIE.
Associate Professor
Dept. of E&CE

Signature of the Coordinators

Dr. Kumuda T. B.E., M.Tech., Ph. D
Professor
Dept. of E&CE

Signature of the HOD

Dr. Goutham M A. B.E., M.Tech., Ph. D
Professor & Head
Dept. of E&CE

Manjula U R B.E., M.Tech
Assistant Professor
Dept. of E&CE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY


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CHIKKAMAGALURU, INDIA -577 102


DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING




CERTIFICATE

This is to certify that Mini-Project work entitled "*SOLAR TRACKER USING ARDUINO UNO*" is a bona fide work carried out by Arpitha C.S(4AI22EC400), Manjushree K.S(4AI21EC040), Bhoomika B.C(4AI21EC012), Likitha C.M(4AI21EC038), 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.



Signature of the Guide
Mrs. Linet Dsouza
BE., MTech., Assistant Professor
Dept. of ECE



Signature of the Reviewer
Ms. Chandrakala C T
BE., MTech., MIE Assistant Professor
Dept. of ECE

Signature of the Coordinators


Dr. Kumuda T. B.E., MTech., Ph.D.
Professor
Dept. of ECE

Signature of the HOD


Dr. Goutham M A. B.E., MTech., Ph.D.
Professor & Head
Dept. of ECE


Mrs. Manjula U R BE., MTech
Assistant Professor
Dept. of ECE

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CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE


This is to certify that Mini-Project work entitled "*Wireless AC Power Detection*" is a bonafide work carried out by **CHETHAN H S (4AI22EC405)**, **HARSHA V (4AI22EC412)**, **RUDRESH C S (4AI22EC421)**, **VIJAY KUMAR N B (4AI22EC428)**, 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.


Signature of the Guide

Mrs. Linet Dsouza B.E., M.Tech
Assistant Professor
Dept. of E&CE


Signature of the Coordinators

Dr. Kumuda T. B.E., M.Tech., Ph.D
Professor
Dept. of E&CE


Mrs. Manjula U R B.E., M.Tech
Assistant professor
Dept of E&CE


Signature of the Reviewer

Dr. Suma M. B.E., M.Tech., Ph., LMISTE., MIE
Associate Professor
Dept. of E&CE


Signature of the HOD

Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE

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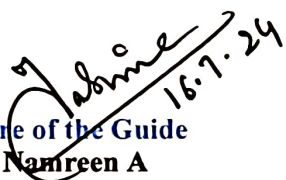
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CHIKKAMAGALURU, INDIA -577 102


DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING




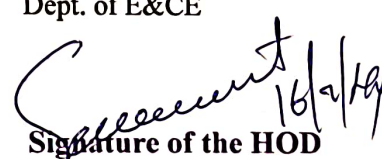
CERTIFICATE

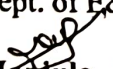
This is to certify that Mini-Project work entitled "*Smart shopping trolley with automated billing using arduino*" is a bonafide work carried out by **SHUBHA T.M(4AI21EC083),SIRI D.A(4AI21EC06),SOMSASHEKAR N J(4AI21EC087)**, 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.


Signature of the Guide
Tasmia Namreen A
Assistant professor
Dept. of E&CE


Signature of the Reviewer
Manjula U.R.
Assistant professor
Dept. of E&CE


Signature of the Coordinators
Dr. Kumuda T. B.E., M.Tech., Ph.D
Professor
Dept. of E&CE


Signature of the HOD
Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE


Manjula U R B.E., M.Tech
Assistant professor
Dept of E&CE

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CHIKKAMAGALURU, INDIA -577 102

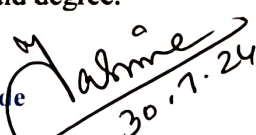
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING




CERTIFICATE


This is to certify that Mini-Project work entitled "*NON-INVASIVE GLUCOMETER*" is a bonafide work carried out by ANUSHREE J K (4AI21EC007), MANU PATEL S P (4AI21EC042), NISHANTH Gowda V S (4AI21EC050), NISHCHITHA M (4AI21EC051), 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

Signature of the Guide


Mrs. Tasmia Namreen A.B.E., M.Tech.,
Asst. Professor
Dept. of E&CE

Signature of the Coordinators

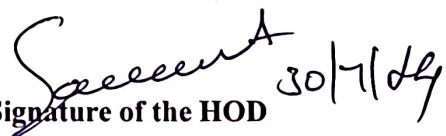

Dr. Kumuda T. B.E., M.Tech., Ph.D
Professor
Dept. of E&CE


Mrs. Manjula U R B.E., M.Tech
Assistant professor
Dept of E&CE

Signature of the Reviewer


Mrs. Linet D'Souza B.E., M.Tech.
Asst. Professor
Dept. of E&CE

Signature of the HOD


Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE

ADICHUNCHANAGIRIINSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

Chikkamagaluru, Karnataka, India-577102

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that Mini-Project work entitled "Helmet based ignition and alcohol detection" is a bonafide work carried out by SHANVI D (4AI21EC074), PRANAMYA G (4AI21EC058) and SONIYA G (4AI21EC088), 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-2024. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

Signature of the Guide

Mrs. Divya G S, B.E., M.Tech., MIE

Assistant Professor,

Department of E&CE

Signature of the Reviewer

Dr. Kumuda T B.E., M.Tech., Ph.D., LMISTE, MIE.

Professor,

Department of E&CE

Signature of the Coordinator

Dr. Kumuda T B.E., M.Tech., Ph.D., LMISTE, MIE.

Professor,

Department of E&CE

Signature of the HOD

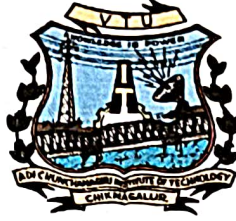
Dr. Goutham MA M.Tech., Ph.D.

Prof. Head of E&CE

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(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that Mini-Project work entitled "Earthquake detection using ARDUINO" is a bonafide work carried out by POORNIMA H G, PRIYANKA H S, PRAJWAL ,6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

Signature of the Guide

[Handwritten Signature]
30/7/24

Ms. Chandrakala CT. B.E., M.Tech., MIE
Assistant Professor
Dept. of E&CE

Signature of the Coordinators

[Handwritten Signature]
Dr. Kumuda T. B.E., M.Tech., Ph.D, MIE, LMISTE
Professor
Dept. of E&CE

[Handwritten Signature]
Mrs. Manjula U R B.E., M.Tech, MIE
Assistant professor
Dept of E&CE

Signature of the Reviewer

[Handwritten Signature]
1/8/2024

Dr. Anil Kumar C. B.E., M.Tech., Ph.D, LMISTE, MIE
Associate Professor
Dept. of E&CE

Signature of the HQD

[Handwritten Signature]
Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that Mini-Project work entitled "*FINGERPRINT VEHICLE STARTER USING ARDUINO*" is a bonafide work carried out by **ANKUSH D D (4AI21EC005)**, **CHANDRAKANTH S M (4AI21EC019)**, **DEEPAKRAJ R B (4AI21EC027)**, **KARTHIKEYAN J (4AI21EC034)**, 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.


Signature of the Guide


Ms. Chandrakala C T B.E., M.Tech.
Asst. Professor
Dept. of E&CE


Signature of the Reviewer

Dr. Anil Kumar C B.E., M.Tech., Ph.d.
Associate Professor
Dept. of E&CE


Signature of the Coordinators

Dr. Kumuda T B.E., M.Tech., Ph.D
Professor
Dept. of E&CE


Signature of the HOD

Dr. Goutham M A B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

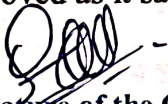
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that Mini-Project work entitled “*ANTI SLEEP ALARM FOR DRIVERS*” is a bonafide work carried out by **ASHWIN GOWDA S J (4AI21EC008)**, **DEEPAK M S (4AI21EC025)**, **GOWTHAM B G (4AI21EC031)**, **MOHAMMED WASIB (4AI21EC045)**, 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.



Signature of the Guide

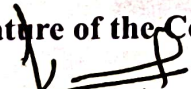
Dr. Suma B.E., M.Tech., Ph.D
Assistant Professor
Dept. of E&CE



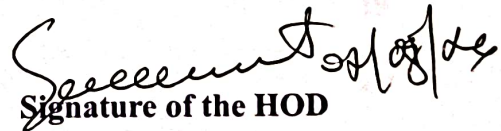
Signature of the Reviewer

Mr. Rajappa B.E., M.Tech
Assistant Professor
Dept. of E&CE

Signature of the Coordinators



Dr. Kumbuda T. B.E., M.Tech., Ph.D
Professor
Dept. of E&CE



Signature of the HOD

Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE



Mrs. Manjula U R B.E., M.Tech
Assistant professor
Dept of E&CE

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(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE


This is to certify that Mini-Project work entitled “**FACILITATED TRAFFIC LIGHT SIGNAL FOR BLIND PEOPLE & DENSITY BASED TRAFFIC LIGHT**” is a bonafide work carried out by BHUMIKA D M (4AI21EC013), MEGHANA R (4AI21EC044), NEHA G M (4AI21EC047) NIDHIKM (4AI21EC048), 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections / suggestions indicated for Internal Assessment have been in corporate in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.


 30/7/2024
Signature of the Guide

Mrs. Meghashree M BE., M.Tech
Assistant Professor
Dept. of E&CE

Signature of the Coordinators


Dr. Kumuda T. B.E., M.Tech., Ph.D
Professor
Dept. of E&CE


Mrs. Manjula U R B.E., M.Tech
Assistant Professor
Dept. of E&CE


Signature of the Reviewer

Mrs. Tasmia Namreen A. BE., M.Tech., MIE
Assistant Professor
Dept. of E&CE


Signature of the HOD

Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE

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(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that Mini-Project work entitled "*Soil Moisture detection and monitoring*" is a bonafide work carried out by PRUTHVI V P(4AI21EC063),SHALINI B S (4AI21EC073), VEENA R GOWDA (4AI21EC101),KAVYA B M (4AI22EC416),6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

 30/7/2024

Signature of the Guide

Mrs.Meghashree M.B.E.,M.Tech.,
Assistant Professor
Dept. of E&CE

 30/7/24

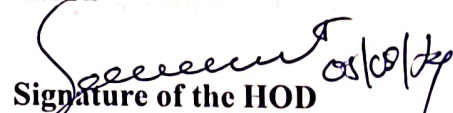
Signature of the Reviewer

Mr.Dr.A.P.Jagadeesh Chandra.B.E.M.Tech,Ph.D.
Professor
Dept. of E&CE

Signature of the Coordinators


Dr. Kamuda T. B.E., M.Tech., Ph.D
Professor
Dept. of E&CE

Signature of the HOD


Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE


Manjula U R B.E., M.Tech

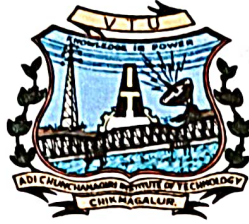
Assistant professor
Dept of E&CE

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(Affiliated to Visvesvaraya Technological University, Belagavi)


CHIKKAMAGALURU, INDIA-577102


DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE


This is to certify that Mini-Project work entitled “**SMART BLIND STICK USING ARDUINO UNO**” is a bonafide work carried out by, **Ruman Raza (4AI21EC070), Theju A R (4AI21EC097), Sanjay J K (4AI21EC071), Vinay H B (4AI21EC102)** students of 6th Semester B.E in partial fulfillment for the award of degree of **Bachelor of Engineering in Electronics and Communication Engineering** of the Visvesvaraya Technological University, Belagavi, during the year **2024**. It is certified that all corrections / suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree


Signature of the Guide
Mrs. Anitha KT B.E., M.E., MIE
Assistant professor
Dept. of E&CE


Signature of the Reviewer
Dr. Suma M B.E., M.Tech., Phd.
Associate professor
Dept. of E&CE


Dr. Kunda T B.E., M.Tech., Phd., LMISTE., MIE
Professor
Dept. of E&CE

Signature of the Coordinators


Mrs. Manjula U R B.E., M.Tech
Assistant professor
Dept. of E&CE


Signature of the HOD

Dr. Goutham M A B.E., M.Tech., Phd
Head of Dept
Dept of E&CE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that Mini-Project work entitled "*Pollution monitoring smart watch*" is a bonafide work carried out by **SHARATH K Y(4AI21EC075)**, **SUPRITH R M(4AI21EC093)**, **TEJU K B(4AI21EC095)**, **ULLAS H J(4AI21EC099)**, 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.

Signature of the Guide

Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE

Signature of the Reviewer

Mrs. Anitha K T. B.E.M.E
Assistant professor
Dept. of E&CE

Signature of the Coordinators

Dr. Kumuda T. B.E., M.Tech., Ph.D
Professor
Dept. of E&CE

Mrs. Manjula U R. B.E., M.Tech
Assistant Professor
Dept. of E&CE

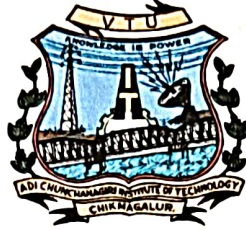
Signature of the HOD

Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING




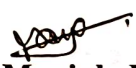
CERTIFICATE

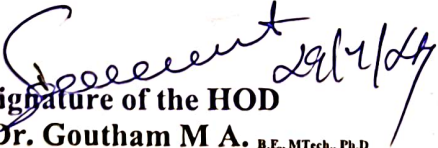
This is to certify that Mini-Project work entitled “IOT BASED CROP RECOMMENDATION” is a bona fide work carried out by Akanksha C(4AI21EC002), Chaithanya J(4AI21EC015), Chandana K(4AI21EC017), Chandana patil CS S(4AI21EC018), 6th Semester B.E. in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The Mini-project report has been approved as it satisfies the academic requirements of the prescribed for the said degree.


Signature of the Guide
Mrs. Anitha K T, BE.,M.E.,MIE.
Assistant Professor
Dept. of E&CE


Signature of the Reviewer
Mr. Madhu Prakash R, BE.,M.TECH.,
Assistant Professor
Dept. of E&CE


Signature of the Coordinators
Dr. Kumuda T. B.E.,M.Tech.,Ph.D
Professor
Dept. of E&CE


Manjula U R B.E., Mtech
Assistant professor
Dept. of E&CE


Signature of the HOD
Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that **VAISHNAVI S R** bearing USN **4AI20EC103** has submitted the INTERNSHIP report entitled **"INDUSTRY 4.0, THE NEXT INDUSTRY REVOLUTION"**. She has satisfactorily completed the Internship work prescribed by **Visvesvaraya Technological University, Belagavi**, for 8th sem **Electronics and Communication Engineering** during the year **2023-2024**.

Meghashree
5/4/2024

Signature of Staff in charge

Mrs Meghashree M B.E.,M.Tech

Assistant Professor

Dept of ECE,AIT

Tasmia

Signature of Co-ordinator

Ms.Tasmia Namreen A. B.E., M.Tech.

Assistant Professor

Dept of ECE,AIT

Usha

Signature of Reviewer

Dr. Usha K P B.E.,M.Tech.,Ph.D.

Associate Professor

Dept of ECE,AIT

Goutham
15/04/24

Signature of HOD

Dr.GOUTHAM.M.A B.E.,M.Tech.,Ph.D.

Professor and HOD

Dept of ECE,AIT

Ref: LW/CI/LGL
Date: 21/March/2024



CERTIFICATE OF INTERNSHIP

“LOGINWARE GLOBAL LEARNING”

(A learning initiative by Loginware Softtec Pvt.Ltd.)

Internship Duration : 12th February 2024 to 21st March 2024

This Certificate of Internship is hereby conferred upon **Ms. VAISHNAVI S R**, a distinguished student of **AIT, Chikmagalur**, in acknowledgment of her commendable achievements during the “**Industry 4.0, the next Industry Revolution**” Internship at Loginware Softtec Pvt. Ltd.

She demonstrated an unwavering commitment to excellence throughout her internship, displaying remarkable proficiency and diligence in the execution of her assigned tasks. Her exemplary conduct and strong work ethic served as a testament to her dedication and professionalism.

With this certificate, we commend Ms. VAISHNAVI S R for her outstanding contributions and wish her continued success in her academic and professional endeavors.

Director



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU,INDIA-577102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify **Shree Vishnu N V** that bearing USN **4AI20EC085** has submitted the INTERNSHIP [18ECI81] report entitled "**Home Automation**". he has satisfactorily completed the Internship work prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI for 8th semester ELECTRONICS & COMMUNICATION ENGINEERING during the year 2023-2024.

Signature of the guide

Mrs. Manjula U R B.E., M.Tech .MIE,
Assistant Professor Dept. ECE

Signature of the Reviewer

Dr. Kumuda T B.E., M.Tech.,ph.D.,LMISTE.,MIE
Professor Dept. ECE

Signature of the Coordinator

Tasmia Namreen A B.E., M.Tech
Assistant Professor Dept. ECE

Signature of the HOD

Dr. Goutham M A B.E., M.Tech.Ph.D
Professor and HOD Dept. ECE

Ref: LW/CI/LGL
Date: 21/March/2024



CERTIFICATE OF INTERNSHIP

“LOGINWARE GLOBAL LEARNING”

(A learning initiative by Loginware Softtec Pvt.Ltd.)

Internship Duration : 12th February 2024 to 21st March 2024

This Certificate of Internship is hereby conferred upon **Mr. SHREE VISHNU N V**, a distinguished student of **AIT, Chikmagalur**, in acknowledgment of his commendable achievements during the “**Industry 4.0, the next Industry Revolution**” Internship at Loginware Softtec Pvt. Ltd.

He demonstrated an unwavering commitment to excellence throughout his internship, displaying remarkable proficiency and diligence in the execution of his assigned tasks. His exemplary conduct and strong work ethic served as a testament to his dedication and professionalism.

With this certificate, we commend **Mr. SHREE VISHNU N V** for his outstanding contributions and wish him continued success in his academic and professional endeavors.



Director

Director



eagle



sparrow

Loginware Softtec Pvt. Ltd.,

#428, 3rd Floor, Glass House, 11th Cross, 3rd Main,
Opp. Road to Radiant Apartment,

Suncity, Kengeri Satellite Town, Bengaluru, Karnataka - 560060

Info@loginwaresofttec.com www.loginwaresofttec.com

+91 166 09819, +91 79969 90246

Loginware Softtec Pvt. Ltd.,

#40/163, 1st Floor, Opp. Bharathi Associates, BM Bypass Road,
Boovanahalli, Hassan- 573201

Info@loginwaresofttec.com www.loginwaresofttec.com

+08172 - 297179, +91 79969 90246

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

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CHIKKAMAGALURU,INDIA-577102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

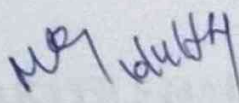
This is to certify that **BHARATH S** bearing USN **4AI20EC015** has submitted the INTERNSHIP [18ECI81] report entitle **"RFID - Based Locker Access Control System"**. He has satisfactorily completed the Internship work prescribed by VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI for 8th semester ELECTRONICS & COMMUNICATION ENGINEERING during year 2023-2024.


Signature of internal guide


Dr KUMUDA T B.E., M.Tech., Ph D., LMISTE., MIE
Professor Dept. ECE


Signature of Reviewer

MANJULA U R B.E., M.Tech.,
Assistant Professor Dept. ECE

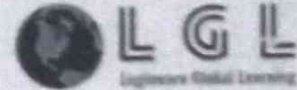

Head of Department

Dr. Goutham MA B.E., M.Tech., Ph.D
Professor & Head of Dept. ECE


Internship Coordinator

Tasmia Namreen A B.E., M.Tech
Assistant Professor Dept. ECE

Ref: LW/CI/LGL
Date: 21/March/2024



CERTIFICATE OF INTERNSHIP

“LOGINWARE GLOBAL LEARNING”

(A learning initiative by Loginware Softtec Pvt.Ltd.)

Internship Duration : 12th February 2024 to 21st March 2024

This Certificate of Internship is hereby conferred upon **Mr. BHARATH S.**, a distinguished student of **AIT, Chikmagalur**, in acknowledgment of his commendable achievements during the “**Industry 4.0, the next Industry Revolution**” Internship at Loginware Softtec Pvt. Ltd.

He demonstrated an unwavering commitment to excellence throughout his internship, displaying remarkable proficiency and diligence in the execution of his assigned tasks. His exemplary conduct and strong work ethic served as a testament to his dedication and professionalism.

With this certificate, we commend **Mr. BHARATH S** for his outstanding contributions and wish him continued success in his academic and professional endeavors.

For Loginware Softtec Pvt. Ltd.



Director



eagle



sparrow

Loginware Softtec Pvt. Ltd.,

442B, 3rd Floor, Glass House, 11th Cross, 3rd Main,
Opp. Road to Radiant Apartment,

Sun City, Kengeri Satellite Town, Bengaluru, Karnataka - 560060

✉ info@loginwaresofttec.com | www.loginwaresofttec.com

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ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

CHIKKAMAGALURU, INDIA-577102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that **VARSHITHA S V** bearing USN **4AI20EC107** has submitted the **INTERNSHIP [18ECI85]** report entitled "**AN OVERVIEW OF ENIG PROCESS**". She has satisfactorily completed the Internship work prescribed by **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** for the 8th semester of **ELECTRONICS & COMMUNICATION ENGINEERING** during the year **2023-2024**.

N. N. N.

Signature of internal guide

Ms. NAGAVENI C R, B.E., M.E., (Ph D.), MIE
Assistant Professor
Dept of ECE, AIT

Dr. Harish M S 08/04/24

Signature of Reviewer

Dr. HARISH M S, B.E., M.Tech., PhD., LMISTE., MIE
Associate Professor
Dept of ECE, AIT

Dr. Goutham M A 17/04/24

Head of Department

Dr. GOUTHAM M A, B.E., M.Tech., Ph.D
Professor & Head of Dept of ECE

Internship Coordinator

TASMIA NAMREENA, B.E., M.Tech
Assistant Professor, Dept of ECE

AT&S

AT&S India Pvt. Ltd.

12 A | Industrial Area
Nanjangud 571301 | Mysore District | Karnataka | India
Tel +91 (0) 8221 244000 | Fax +91 (0) 8221 228570
CIN : UB5110KA1988PTC025863

Date: 11.03.2024

CERTIFICATE

This is to certify that Ms. Varshitha S V (USN No. 4AI20EC107) a student of BE Electronics and Communication Engineering, Batch 2020-24 Adichunchanagiri Institute Of Technology, Chikkamagaluru has done her Internship Study on "PCB Manufacturing Process at Surface Finish Process" at AT&S, Nanjangud Industrial area, Mysuru district". Under the guidance Mr. Pradeep.P.H – HOD Surface Finish Department for the period of 14th Feb 2024 to 11th Mar 2024.

We wish her all the success in her future endeavors.

Thanking You,

Yours faithfully,

FOR AT&S INDIA PVT LTD

Nanda Kishore

NANDA KISHORE

Head - HR

Axis Bank Limited INR Account No. 91702005655476 | IFSC Code : UTIB0000151
Axis Bank Limited USD Account No. 917020059967753 | SWIFT Code : AXISINBB151
Axis Bank Limited EUR Account No. 917020056702427 | SWIFT Code : AXISINBB151

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ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that VEDHASHREE C R bearing USN 4AI20EC108 has submitted the INTERNSHIP [18EC185] report entitled “ **PLC WITH IoT** ”. She has satisfactorily completed the Internship work prescribed by Visvesvaraya Technological University, Belagavi, for 8th sem Electronics and Communication Engineering during the year **2023-2024**.

Nagaveni
3/4/24

Signature of Staff in charge

Mrs Nagaveni C R B.E.,M.Tech.,(Ph.D.),MIE,

Assistant Professor

Dept of ECE,AIT

Dr. M S Harish
03/04/24

Signature of Reviewer

Dr.M S Harish B.E.,M.Tech.,Ph.D., LMISTE.,MIE

Associate Professor

Dept of ECE,AIT

Tasmia

Signature of Co-ordinator

Ms.Tasmia Nantreen A. B.E., M.Tech.

Assistant Professor

Dept of ECE,AIT

Dr. Goutham M.A

Signature of HOD

Dr.GOUTHAM.M.A B.E.,M.Tech.Ph.D.

Professor and HOD

Dept of ECE,AIT



ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ನೋಂದಾಯಿತ ಸೊಸೈಟಿ)
Government Tool Room & Training Centre
(A Registered Society under Government of Karnataka)

LETTER OF INTERNSHIP

To,

Date:-12-03-2024

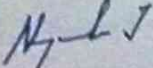
The Principal,
Adichunchanagiri Institute of Technology,
Chikkamagaluru-5771102.

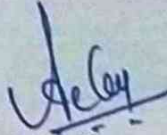
Respected Sir / Madam,

Subject: Completion of Student Internship Program.

Government Tool Room and Training Centre is pleased to inform you that Ms. Vedashree C R [4AI20EC108] student of 8th Semester, Electronics and Communication branch of your institution was admitted for internship with us and She was offered internship in the domain of "PLC & IOT" and the training program was scheduled from 12th February 2024 to 12th March 2024.

Best Regards,


Co-ordinator


Nodal officer

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that **SWARNAGOWRI K S** bearing USN **4AI20EC099** has submitted the INTERNSHIP report entitled **"PLC AND IoT"**. She has satisfactorily completed the Internship work prescribed by Visvesvaraya Technological University, Belagavi, for 8th sem Electronics and Communication Engineering during the year **2023-2024**.

Meghashree
4/4/2024

Signature of Staff in charge
Mrs. Meghashree M B.E., M.Tech.
Assistant Professor
Dept of ECE, AIT

Usha K P

Signature of Reviewer
Dr. USHA K P B.E., M.Tech, Ph.D
Assistant Professor
Dept of ECE, AIT

Tasmia

Signature of Coordinator
Ms. Tasmia Namreen A. B.E., M.Tech.
Assistant Professor
Dept of ECE, AIT

Goutham M A

Signature of HOD
Dr. GOUTHAM.M.A B.E., M.Tech, Ph.D.
Professor and HOD
Dept of ECE, AIT



ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ನೋಂದಾಯಿತ ಸೊಸೈಟಿ)
Government Tool Room & Training Centre
(A Registered Society under Government of Karnataka)

LETTER OF INTERNSHIP

To,
The Principal,
Adichunchanagiri Institute of Technology,
Chikkamagaluru-5771102.

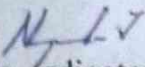
Date:-12-03-2024

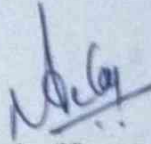
Respected Sir / Madam,

Subject: Completion of Student Internship Program.

Government Tool Room and Training Centre is pleased to inform you that Ms. SwarnaGowri K S [4A120EC099] student of 8th Semester, Electronics and Communication branch of your institution was admitted for internship with us and She was offered internship in the domain of "PLC & IOT" and the training program was scheduled from 12th February 2024 to 12th March 2024.

Best Regards,


Co-ordinator


Nodal officer

"ಕನ್ನಡ ಕಾಯಕ ವರ್ಷ 2020-21"

ಭಾರತ ಸರ್ಕಾರದಿಂದ ಮಾನ್ಯತೆ ಪಡೆದ ವೈಜ್ಞಾನಿಕ ಮತ್ತು ಕೈಗಾರಿಕಾ ಸಂಶೋಧನಾ ಸಂಸ್ಥೆ
A Scientific & Industrial Research Organisation Recognised by Govt. of India
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Tel No. 080-23152118, 23152119, 23152262, 23301683
Website : www.gttc.co.in e-mail : md.gttc@gmail.com

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

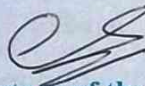
(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE


This is to certify that **SAHANA K R** bearing USN **4AI21EC403** has submitted the INTERNSHIP report entitled "**PLC AND IOT**". She has satisfactorily completed the Internship work prescribed by Visvesvaraya Technological University, Belagavi, for 8th sem Electronics and Communication Engineering during the year **2023-24**..

 4/4/24

Signature of the Guide

Mr. GIRISH .S

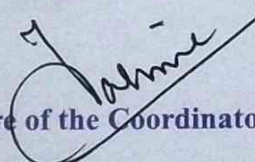
B.E.,M.Tech,(Ph.D.),LMISTE
Assistant professor
Dept. of E&CE

 B.S 4/11/2024

Signature of the Reviewer

Mr. RAGHUKUMAR B S

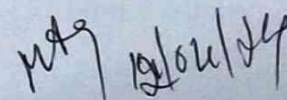
B.E.,M.Tech.,(Ph.D.),ISCA
Assistant professor
Dept. of E&CE



Signature of the Coordinators

Ms. Tasmia Namreen A. B.E., MTech.

Asst. Professor
Dept. of E&CE



Signature of the HOD

Dr. Goutham M A. B.E., MTech., Ph.D

Professor & Head
Dept. of E&CE



ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ನೋಂದಾಯಿತ ಸಂಸ್ಥೆ)
Government Tool Room & Training Centre
(A Registered Society under Government of Karnataka)

LETTER OF INTERNSHIP

To,
The Principal,
Adichunchanagiri Institute of Technology,
Chikkamagaluru-5771102.

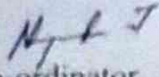
Date:-12-03-2024

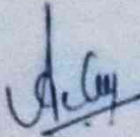
Respected Sir / Madam,

Subject: Completion of Student Internship Program.

Government Tool Room and Training Centre is pleased to inform you that Ms. Sahana K R [4A121EC403] student of 8th Semester, Electronics and Communication branch of your institution was admitted for internship with us and She was offered internship in the domain of "PLC & IOT" and the training program was scheduled from 12th February 2024 to 12th March 2024.

Best Regards,


Co-ordinator


Nodal officer

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that **AKSHATAH K R** bearing USN **4AI20EC005** has submitted the INTERNSHIP report entitled "**PLC and IOT**". She has satisfactorily completed the Internship work prescribed by Visvesvaraya Technological University, Belagavi, for 8th sem Electronics and Communication Engineering during the year **2023-24**.

Dr. A P Jagadeesh Chandra
Signature of the Guide

Dr. A P JAGADEESH CHANDRA

B.E., M.Tech., Ph.D., LMISE., FIE
Professor
Dept. of E&CE

Mrs. Linet Dsouza
Signature of the Reviewer

Mrs. LINET DSOUZA

B.E., MTech
Assistant professor
Dept. of E&CE

Mrs. Tasmia Namreen A.
Signature of the Coordinators

Mrs. Tasmia Namreen A. B.E., MTech.

Assistant Professor
Dept. of E&CE

Dr. Goutham M A.
Signature of the HOD

Dr. Goutham M A. B.E., MTech., Ph.D

Professor & Head
Dept. of E&CE



ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ನೋಂದಾಯಿತ ಸೊಸೈಟಿ)
Government Tool Room & Training Centre
(A Registered Society under Government of Karnataka)

LETTER OF INTERNSHIP

To,

Date:-12-03-2024

The Principal,

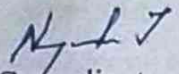
Adichunchanagiri Institute of Technology,
Chikkamagaluru-5771102.

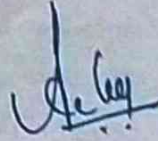
Respected Sir / Madam,

Subject: Completion of Student Internship Program.

Government Tool Room and Training Centre is pleased to inform you that Ms. Akshatha K R [4AI20EC005] student of 8th Semester, Electronics and Communication branch of your institution was admitted for internship with us and She was offered internship in the domain of "PLC & IOT" and the training program was scheduled from 12th February 2024 to 12th March 2024.

Best Regards,


Co-ordinator


Nodal officer

"ಕನ್ನಡ ಕಾಯಕ ವರ್ಷ 2020-21"
ಭಾರತ ಸರ್ಕಾರದಿಂದ ಮಾನ್ಯತೆ ಪಡೆದ ವೈಜ್ಞಾನಿಕ ಮತ್ತು ಕೈಗಾರಿಕಾ ಸಂಶೋಧನಾ ಸಂಸ್ಥೆ
A Scientific & Industrial Research Organisation Recognised by Govt. of India
Rajajinagar Industrial Estate, Bengaluru-560010
Tel No. 080-23152118, 23152119, 23152262, 23301683
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ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

CHIKKAMAGALURU, INDIA -577 102

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



CERTIFICATE

This is to certify that NEHA G M bearing USN 4AI21EC047 has submitted the INTERNSHIP report entitled "AMAZON WEB SERVICES" & "SOFTWARE DEVELOPMENT USING PYTHON". He has satisfactorily completed the Internship work prescribed by Visvesvaraya Technological University, Belagavi, for 6th sem Electronics and Communication Engineering during the year 2023-24.

Signature of the Guide

Mrs. ANITHA K. T B.E., M.E.
Asst. Professor
Dept. of E&CE

Signature of the Reviewer

Dr. A.P. JAGADEESH CHANDRA B.E., M.Tech., Ph.D.
Professor
Dept. of E&CE

Signature of the Coordinators

Mrs. Tasmia Namreen A. B.E., M.Tech.
Asst. Professor
Dept. of E&CE

Signature of the HOD

Dr. Goutham M A. B.E., M.Tech., Ph.D.
Professor & Head
Dept. of E&CE

CERTIFICATE OF INTERNSHIP

This is to certify that Mr./Mrs./Ms. /

NEHA G.M

Student of 6th semester, Department of Electronics and Communication
Engineering of Adichunchanagiri Institute of Technology,
Chikamagaluru

has completed Internship Program on Amazon Web Services and Software Development
using Python for the period from 30th October, 2023 to 24th November, 2023,
duration 4 (four) weeks conducted by inhouse facilities of Department of ECE, AIT.

S. Goutham

DR.M.A GOUTHAM
Professor and Head
Deapartment of ECE

T. Namreena

PROF. TASMIYA NAMREENA
Internship Coordinator
Department of ECE

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
(Affiliated to Visvesvaraya Technological University, Belagavi)
CHIKKAMAGALURU, INDIA -577 102

**DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING**

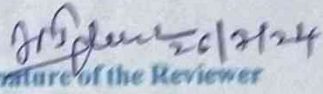


CERTIFICATE

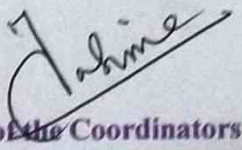
This is to certify that NIDHI K M bearing USN 4AI21EC048 has submitted the INTERNSHIP report entitled "**AMAZON WEB SERVICES**" & "**SOFTWARE DEVELOPMENT USING PYTHON**". He has satisfactorily completed the Internship work prescribed by Visvesvaraya Technological University, Belagavi, for 6th sem Electronics and Communication Engineering during the year 2023-24.


Signature of the Guide

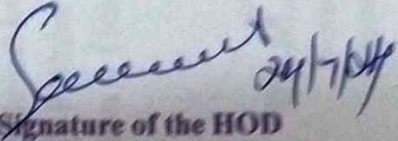
Mrs. ANITHA K. T B.E., M.E
Asst. Professor
Dept. of E&CE


Signature of the Reviewer

Dr. A.P. JAGADEESH CHANDRA, B.E., M.Tech, Ph.D
Professor
Dept. of E&CE


Signature of the Coordinators

Mrs. Tasmia Namreen A. B.E., M.Tech.
Asst. Professor
Dept. of E&CE


Signature of the HOD

Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE

Adichunchanagiri Institute of Technology
Department of Electronics and Communication Engineering

CERTIFICATE OF INTERNSHIP

This is to certify that Mr./Mrs./Ms. /

NIDHI KM

Student of 6th semester, Department of Electronics and Communication
Engineering of Adichunchanagiri Institute of Technology,
Chikkamagaluru

has completed Internship Program on Amazon Web Services and Software Development
using Python for the period from 30th October, 2023 to 24th November, 2023,
duration 4 (four) weeks conducted by inhouse faculties of Department of ECE, AIT.

[Signature]
DR.M.A GOUTHAM
Professor and Head
Department of ECE

[Signature]
PROF. TASMIA NAMREEN A
Internship Coordinator
Department of ECE

**DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING**



CERTIFICATE

This is to certify that NISHANTH GOWDA V S bearing USN 4AI21EC050 has submitted the INTERNSHIP report entitled "**AMAZON WEB SERVICES & PYTHON**". He has satisfactorily completed the Internship work prescribed by Visvesvaraya Technological University, Belagavi, for 6th sem Electronics and Communication Engineering during the year **2023-24**.

Ani 23/7/24
Signature of the Guide

Mrs. Anitha K T B.E., M.E., MIE
Asst. Professor
Dept. of E&CE

Dr. P. Jagadeeshchandra 25/7/24
Signature of the Reviewer

Dr. A P Jagadeeshchandra B.E., M.Tech., Ph.D
Professor
Dept. of E&CE

Tasmia
Signature of the Coordinators

Ms. Tasmia Namreen A. B.E., M. Tech.
Asst. Professor
Dept. of E&CE

Dr. Goutham M 24/7/24
Signature of the HOD

Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE

CERTIFICATE OF INTERNSHIP

This is to certify that Mr./Mrs./Ms. /

Nishanthgouda VS

Student of 6th semester, Department of Electronics and Communication
Engineering of Adichunchanagiri Institute of Technology,
Chikamagaluru

has completed Internship Program on Amazon Web Services and Software Development
using Python for the period from 30th October, 2023 to 24th November, 2023,
duration 4 (four) weeks conducted by inhouse faculties of Department of ECE, AIT.

[Signature]
DR.M.A GOUTHAM

Professor and Head
Deapartment of ECE

[Signature]
PROF. TASMIA NAMREEN A

Internship Coordinator
Department of ECE

**DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING**



CERTIFICATE

This is to certify that DEEPAK M S bearing 4AI21EC025 has submitted the INTERNSHIP report entitled "*Amazon web services and python*". he has satisfactorily completed the Internship work prescribed by Visvesvaraya Technological University, Belagavi, for 6th sem Electronics and Communication Engineering during the year 2023-24.

Signature of the Guide

Mrs. Divya G S. B.E., M.Tech.
Assistant Professor
Dept. of E&CE

Signature of the Reviewer

Mrs. Nagaveni C R. B.E., M.Tech.
Assistant professor
Dept. of E&CE

Signature of the Coordinators

Ms. Tasmia Namreen A. B.E., M.Tech.
Asst. Professor
Dept. of E&CE

Signature of the HOD

Dr. Goutham M A. B.E., M.Tech., Ph.D
Professor & Head
Dept. of E&CE


CERTIFICATE OF INTERNSHIP

This is to certify that Mr./Mrs./Ms. /

DEEPAK M.S

Student of 6th semester, Department of Electronics and Communication Engineering of Adichunchanagiri Institute of Technology, Chikkamagaluru

has completed Internship Program on Amazon Web Services and Software Development using Python for the period from 30th October, 2023 to 24th November, 2023, duration 4 (four) weeks conducted by inhouse faculties of Department of ECE, AIT.


DR. M.A. GOUTHAM
Professor and Head
Department of ECE


PROF. TASMLA NAREEM A
Internship Coordinator
Department of ECE