



Criterion 1: Curricular Aspects

1.3 Curriculum Enrichment

1.3.4.1: Number of students undertaking field projects / internships / student projects

Programme Name: B.E Electronics and Communication Engineering.

Sl.No.	Description	Page Number
1	Internships	2-422
2	Field Projects / Student Projects	423-498
3	Minor Projects	499-741
4	Industrial Visit	742-792



Criterion 1: Curricular Aspects

1.3 Curriculum Enrichment

1.3.4.1: Number of students undertaking field projects / internships / student projects

Programme Name: B.E Electronics and Communication Engineering.

Internships Proof



M.KUMARASAMY
COLLEGE OF ENGINEERING
NBA-C Accredited Autonomous Institution
Approved by AICTE & Affiliated to Anna University
ISO 9001:2015 & ISO 14001:2015 Certified Institution
 Thalavapalayam, Karur - 639 113.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CRITERION 2 – Program Curriculum and Teaching - Learning Processes

2.2.5 Initiatives related to Industry internship / Summer Training

B. Industrial - Internship - Summer Training of more than Two weeks and post training Assessment

Details of Internship

S.No	Academic year	Internship With Stipend	Internship Without Stipend	No of students Benefited
1	2022-2023	22	239	261
2	2021-2022	102	342	444
3	2020-2021	33	24	57
4	2019-2020	56	32	88
5	2018-2019	29	26	55

Internship Incharge
S. Meivel



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HOD/ECE
Dr. S. PALANIVEL RAJAN
 M.B.A., P.G.D.I.C.I., S. Indrapada,
 Professor & Head,
 Dept. of Electronics and Communication Engg.,
 M. Kumarasamy College of Engineering, Karur - 639 113.

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 Thalavapalayam Karur - 639113



M.Kumarasamy College of Engineering, Karur
Department of Electronics and Communication Engineering
INTERNSHIP (2022-2023)

S.NO	Register no	Name of the Student	Domain Name	Name of the Industry	Stipend in Rupees / month	Duration of the project
1	19BEC4178	Santhosh S	Design Engineer	Rantronics Technology, Bangalore	7000	01.08.2022 - 01.08.2023 (1 year)
2	19BEC4070	Hanpriyan S	Design Engineer	Rantronics Technology, Bangalore	7000	01.08.2022 - 01.08.2023 (1 year)
3	19BEC4112	Maigokul P	Design Engineer	Rantronics Technology, Bangalore	7000	01.08.2022 - 01.08.2023 (1 year)
4	19BEC4170	Sanjay G	Tech Sergeant (SAP)	Kaar Technologies, Chennai.	5000 / 10000	28.09.2022 - 28.09.2023 (1 year)
5	19BEC4125	Nandhini N	Tech Sergeant (SAP)	Kaar Technologies, Chennai.	5000 / 10000	28.09.2022 - 28.09.2023 (1 year)
6	19BEC4165	Rithikashree B	Tech Sergeant (SAP)	Kaar Technologies, Chennai.	5000 / 10000	28.09.2022 - 28.09.2023 (1 year)
	19BEC4150	Navoon B	Tech Sergeant (SAP)	Kaar Technologies, Chennai.	5000 / 10000	28.09.2022 - 28.09.2023 (1 year)
	19BEC4214	Surya R	Tech Sergeant (SAP)	Kaar Technologies, Chennai	5000 / 10000	28.09.2022 - 28.09.2023 (1 year)
9	19BEC4045	Dinesh N	Network Developer	Zoho Coporation Private Limited, Chennai	15000	14.07.2022 - 15.08.2022 (1 month)
10	19BEC4125	George Simclair S	Network Developer	Zoho Coporation Private Limited, Chennai	15000	15.07.2022 - 15.08.2022 (1 month)
11	19BEC4125	Daxpak kumar S	Network Developer	Zoho Coporation Private Limited, Chennai	15000	15.07.2022 - 15.08.2022 (1 month)
12	19BEC4074	Hemalatha S	Tech Sergeant (SAP)	Kaar Technologies, Chennai.	5000 / 10000	28.09.2022 - 28.09.2023 (1 year)
13	19BEC4148	Pranikkaa	Pre-Onboarding	LTI Mindtree	10000/20000	21.08.2022 - 21.08.2022 (1 month)
14	19BEC4182	Sarumathi T	Pre-Onboarding	LTI Mindtree	10000/20000	21.08.2022 - 21.08.2022 (1 month)
15	19BEC4104	Kmparandhini T	Pre-Onboarding	LTI Mindtree	10000/20000	21.08.2022 - 21.08.2022 (1 month)
16	19BEC4252	Vijayalakshmi S	Pre-Onboarding	LTI Mindtree	10000/20000	21.08.2022 - 21.08.2022 (1 month)
17	19BEC4097	Kaviya G	Pre-Onboarding	LTI Mindtree	10000/20000	21.08.2022 - 21.08.2022 (1 month)
18	19BEC4149	Prasanth M	Pre-Onboarding	LTI Mindtree	10000/20000	21.08.2022 - 21.08.2022 (1 month)
19	19BEC4149	Sandhya P	Pre-Onboarding	LTI Mindtree	10000/20000	21.08.2022 - 21.08.2022 (1 month)
20	19BEC4149	Thirumal G	Pre-Onboarding	LTI Mindtree	10000/20000	21.08.2022 - 21.08.2022 (1 month)
21	19BEC4149	Sathyageetha S	Pre-Onboarding	LTI Mindtree	10000/20000	21.08.2022 - 21.08.2022 (1 month)
22	19BEC4149	Keerthana Ellappan	Pre-Onboarding	LTI Mindtree	10000/20000	21.08.2022 - 21.08.2022 (1 month)
23	19BEC4164	Gukan V	PCB - Employee	Sienna Ecad Technologies Private Limited, Bangalore	NIL	07.11.2022 - 07.11.2022 (1 month)
24	19BEC4099	Kaviyanandh K	Developer	Mallow Technologies	NIL	15.11.2022 - 15.11.2022 (1 month)
	19BEC4067	Hanharan P	Developer	Mallow Technologies	NIL	15.11.2022 - 15.11.2022 (1 month)
26	19BEC4012	Arun A	System Engineer	TCS, chennai	NIL	15.11.2022 - 15.11.2022 (1 month)
27	19BEC4211	Sujeeth S	PCB Design	Sienna Ecad Technologies Private Limited, Bangalore	NIL	15.11.2022 - 15.11.2022 (1 month)
28	19BEC4235	Vishnu ram S	PCB Design	Sienna Ecad Technologies Private Limited, Bangalore	NIL	15.11.2022 - 15.11.2022 (1 month)
29	20BEC4001	AARTHI P	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022 - 30.09.2022 (3 months)
30	20BEC4004	AHAMED MUSTHAFA M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022 - 30.09.2022 (3 months)
31	20BEC4005	AKHILAAN K R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022 - 30.09.2022 (3 months)
32	20BEC4006	AMIRTHISVARAN R P	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022 - 30.09.2022 (3 months)
33	20BEC4007	ARCHANA S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022 - 30.09.2022 (3 months)
34	20BEC4009	ARULMOZHI B	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022 - 30.09.2022 (3 months)
35	20BEC4011	ARUN KUMAR N	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022 - 30.09.2022 (3 months)
36	20BEC4014	ATHISH K B	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022 - 30.09.2022 (3 months)
37	20BEC4016	BALAJI P	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022 - 30.09.2022 (3 months)
38	20BEC4017	BALASANJEEV KV	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022 - 30.09.2022 (3 months)
39	20BEC4020	BHARATHI G	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022 - 30.09.2022 (3 months)
40	20BEC4022	BHUVANESH R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022 - 30.09.2022 (3 months)
41	20BEC4024	BOOPATHI A	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022 - 30.09.2022 (3 months)

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42	20BEC4025	BOOPATHY L	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
43	20BEC4026	CHIANDIKA N	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
44	20BEC4028	DEEPANRAJ P	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
45	20BEC4030	DEVADHARSHINI K	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
46	20BEC4035	DHAYANETHI V	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
47	20BEC4037	ELAKKIYA KV	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
48	20BEC4041	GOKUL P	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
49	20BEC4042	GOKUL SC	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
50	20BEC4046	GOWSHIK N	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
51	20BEC4047	GOWSIKADUVI M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
52	20BEC4048	GOWTHAM G	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
53	20BEC4049	GOWTHAM R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
54	20BEC4051	GUNANITHI R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
55	20BEC4053	HALDO J	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
56	20BEC4054	HARISH M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
57	20BEC4056	HARSHINI M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
58	20BEC4057	INDDIRA A	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
59	20BEC4058	JAGADEESHAN V	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
60	20BEC4059	JANAKAN D	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
61	20BEC4060	JANANI G	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
62	20BEC4061	JANANI M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
63	20BEC4062	JASWANT V	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
64	20BEC4063	JAYAPRIYA S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
65	20BEC4064	JEYASURYA T	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
66	20BEC4065	JOSHIKA P	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
67	20BEC4066	JOTHIPRIYA R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
68	20BEC4067	KALAIYANI P	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
69	20BEC4068	KAMALESH S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
70	20BEC4069	KARTHICK PRASATH M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
71	20BEC4070	KARTHIK R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
72	20BEC4071	KAVIN S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
73	20BEC4072	KAVIPRIYA M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
74	20BEC4073	KAVIYA C	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
75	20BEC4074	KAVIYARASEN B C	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
76	20BEC4075	KAVYAPRIYA V	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
77	20BEC4076	KAWASKAR R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
78	20BEC4078	KEERTHI S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
79	20BEC4079	KIRUBAKARAN R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
80	20BEC4080	KISHOR L	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
81	20BEC4081	KISHOR S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
82	20BEC4082	KOUSHIKAA N	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)

94	20BEC4099	LOGI SWARAN P	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
95	20BEC4100	LOHESINI MAR S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
96	20BEC4097	MADHAVAN A	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
97	20BEC4089	MAGISHWARAN S P	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
98	20BEC4100	MANIKANDAN M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
99	20BEC4101	MATHUMITHA T	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
100	20BEC4102	METHA R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
101	20BEC4104	MOHAMMED ASHRAF D	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
102	20BEC4105	MOHAN RAM S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
103	20BEC4307	MOKHTH K	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
104	20BEC4106	MONISH K	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
105	20BEC4107	MONISHA M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
106	20BEC4108	MOWRIEAN K	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
107	20BEC4109	MUTHUPRAKASH A	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
108	20BEC4111	NAGARAJ E	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
109	20BEC4112	NAGESWARI R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
110	20BEC4113	NANDHESWARAN S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
111	20BEC4114	NANDHINI R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
112	20BEC4119	NAVEEN M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
113	20BEC4121	NAVYA R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
114	20BEC4122	NIKIL K N	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
115	20BEC4123	NIRVIN CHANDAR R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
116	20BEC4124	NITHYAASHREE J	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
117	20BEC4127	POOVITHA R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
118	20BEC4129	PRADEEP P	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
119	20BEC4128	PRADEEP KUMAR P	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
120	20BEC4131	PRANAV KIRUTHIK K K	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
121	20BEC4132	PRASANA KUMAR R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
122	20BEC4134	PRASSHANTH D	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
123	20BEC4135	PRAVEEN A	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
124	20BEC4138	PRAVEEN P	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
125	20BEC4136	PRAVEEN ANANDH P S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
126	20BEC4141	PRAVIN NIXON S CH	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
127	20BEC4142	RAHUL B	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
128	20BEC4144	RAKSHANA A S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
129	20BEC4145	RAMESH M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
130	20BEC4146	RANJITHKUMAR M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
131	20BEC4148	REVATHYSHREE ELA	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
132	20BEC4150	RITHICK R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
133	20BEC4152	RITHIKA R K	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)

146	20BEC4169	SASITH N	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
147	20BEC4170	SATHISH M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
148	20BEC4171	SATHISHKUMAR K	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
149	20BEC4173	SHANMUGAPRIYA K	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
150	20BEC4176	SHRUDI SK	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
151	20BEC4178	SINDHUJA B	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
152	20BEC4179	SOBIKA B	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
153	20BEC4180	SOWMIYA K	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
154	20BEC4181	SOWMIYA P	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
155	20BEC4182	SRIDHAR T	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
156	20BEC4183	SRIDHAR T R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
157	20BEC4184	SRIMATHI R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
158	20BEC4186	SUBASHRI V	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
159	20BEC4187	SURASRI B	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
160	20BEC4188	SUDHARSUN Y	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
161	20BEC4185	SUBHASHRAJ V	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
162	20BEC4189	SUJA S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
163	20BEC4190	SUJITHA R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
164	20BEC4191	SUKEENDHAR G	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
165	20BEC4192	SUKUL S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
166	20BEC4196	SUVETHA C	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
167	20BEC4197	SWETHA L G	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
168	20BEC4200	TARUN S K	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
169	20BEC4201	THANYA K	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
170	20BEC4202	THARSAN NISOK R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
171	20BEC4203	THARUN S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
172	20BEC4204	THINESH KUMAR G	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
173	20BEC4205	USHA E	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
174	20BEC4207	VAISHNAVEE M	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
175	20BEC4208	VARNIKA S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
176	20BEC4209	VARSANA J	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
177	20BEC4210	VARSHA N	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
178	20BEC4211	VARSHAYINI S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
179	20BEC4212	VENKATESH I	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
180	20BEC4213	VIGNESH R	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
181	20BEC4214	VIGNESH S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
182	20BEC4215	VIGNESHWARAN S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
183	20BEC4216	VIGNESHWARAN S	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
184	20BEC4217	VJAYARAGAVAN T	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
185	20BEC4220	VINITHA A	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
186	20BEC4221	VINOTHKUMAR J	AWS Cloud virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)

201	20BEC4176	SIRUJISK	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
202	20BEC4178	SINDHUJA B	Cybersecurity virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
203	20BEC4178	SINDHUJA B	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
204	20BEC4179	SOBIKA B	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
205	20BEC4314	SRIVARSHAN S	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
206	20BEC4314	SRIVARSHAN S	Cybersecurity virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
207	20BEC4187	SUBASRI B	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
208	20BEC4187	SUBASRI B	Cybersecurity virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
209	20BEC4189	SUJA S	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
210	20BEC4189	SUJA S	Cybersecurity virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
211	20BEC4197	SWETHA L G	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
212	20BEC4201	THANYA K	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
213	20BEC4203	THARUN S	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
214	20BEC4205	USHA E	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
215	20BEC4206	UTTITH NARENTHAAR S J	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
216	20BEC4206	UTTITH NARENTHAAR S J	Cybersecurity virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
217	20BEC4208	VARNIKA S	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
218	20BEC4209	VARSANA J	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
219	20BEC4210	VARSHA N	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
220	20BEC4214	VIGNESH S	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
221	20BEC4217	VIJAYARAGAVAN T	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
222	20BEC4220	VINITHA A	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
223	20BEC4223	YUVARANJANI J	Cybersecurity virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
224	20BEC4120	NAVEEN K	Palo Alto networks	EDU skills Foundation	NIL	01.05.22- 01.08.2022 (3 months)
225	19DEC4180	SARAVANA KUMAR D	Palo Alto networks	EDU skills Foundation	NIL	01.05.22- 01.08.2022 (3 months)
226	19BEC4181	SARAVANAN S	Palo Alto networks	EDU skills Foundation	NIL	01.05.22- 01.08.2022 (3 months)
227	20BEC4303	HALDO J	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
228	20BEC4079	KIRUBAKARAN R	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
229	20BEC4091	LOGANANTH S	Process Mining Virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
230	20BEC4091	LOGANATH S	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
231	20BEC4121	NAVYA R	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
232	20BEC4127	POOVITHA R	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
233	20BEC4129	PRADEEP P	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
234	20BEC4151	PRANAV KIRUTHIK K K	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
235	20BEC4134	PRASSHANTH D	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
236	20BEC4136	PRAVEEN ANANDH P S	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
237	20BEC4141	PRAVIN NIXON S	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
238	20BEC4145	RAMESH M	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
239	20BEC4156	SABAREESH R	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
240	20BEC4162	SAKTHIVEL K	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
241	20BEC4163	SAKTHIVEL K	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)

251	20BEC4202	THARSA NISOK R	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
252	20BEC4204	THINESH KUMAR G	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
253	20BEC4207	VAISHNAVEE M	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
254	20BEC4213	VIGNESH R	Process Mining Virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (5 months)
255	20BEC4216	VIGNESHWARAN S	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
256	20BEC4221	VINOTHKUMAR J	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
257	20BEC4222	VISHWA S	Process Mining Virtual Internship	EDU skills Foundation	NIL	01.12.2022-01.02.2023 (3 months)
258	20BEC4012	ASHWIN S	RPA Virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
259	20BEC4125	NITHYAPRABHA R	RPA Virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)
260	20BEC4180	RITHICK R	RPA Virtual Internship	EDU skills Foundation	NIL	01.07.2022-01.09.2022 (3 months)
261	20BEC4174	SHARMILIS	RPA Virtual Internship	EDU skills Foundation	NIL	1.07.2022- 30.09.2022 (3 months)

Dr. S. Meivel
 Internship Incharge
 Dr. S. Meivel AP/ECE

Dr.
 EDUSKILL
 INCHARGE

Dr. S. Palanivel
 HoB/ECE
 8/14/23



Dr. S. PALANIVEL RAJAN, B.E., M.E., Ph.D.,
M.B.A., P.G.D.I.C.L., D.Litt., (USA),
Professor & Head,
Dept. of Electronics and Communication E,
M. Kumarasamy College of Engineering, Kurur - 639 113.

Dr. S. Palanivel

ATTENDED

PRINCIPAL
M. Kumarasamy College of Engineering,
Palavanpalavam, Kurur - 639 113.



M.Kumarasamy
College of Engineering

NAAC Accredited Autonomous Institution
Approved by AICTE & Affiliated to Anna University
ISO 9001:2015 Certified Institution
Thalavapalayam, Karur, Tamilnadu.



Format No : ACD_18_F_03
Issue : 01
Issue date : 18.06.2018

INTERNSHIP APPROVAL FORM

Ref no: MKCE/T&P/INTERN/DEPT ECE /No. 19BECH178 Date: 27/07/2022

NAME (in block letters)	1. SANTHOSH .S	3.
	2.	4.
REG NO	1. 19BECH178	3.
	2.	4.
DEGREE (please tick the appropriate box)	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	ECE	YEAR/SEM 1V/VII
CGPA	1. 7.8	3.
	2.	4.
MOBILE NO	1. 8903607199	3.
	2.	4.
INTERNAL GUIDE	NAME: Mr.MEIVEL .S	DEPT: ECE
	DESIGNATION: ASSISTANT PROFESSOR	MOBILE NO: 9003713212
COMPANY/INDUSTRY NAME WITH ADDRESS (proposed for internship)	Rantronics Technology No 39, 3 rd floor, Bhanu Nursing Home Road, Bommanahalli, Bangalore - 560068.	
COMPANY CONTACT PERSON	NAME: Yogalaxmi	EMAIL ID: ranji@rantronicsTechnology.com
	DESIGNATION: Director	MOBILE NO: 9994179211
Stipend (Yes/No)	Yes (if yes, Rs. 7000 /month)	
TRAINING DOMAIN	PCB Design.	
DURATION OF INTERNSHIP	FROM: 01/08/2022	TO: 01/08/2023 (1 year)
SIGNATURE OF THE STUDENTS	1. S.Santhosh	3.
	2.	4.



Innovate-Design-Excel

22th July 2022

Mr. SANTHOSH S
S/O P. Subramani
195/1, PSK Nagar, Paramathi (Po),
P. Velur (Tk), Namakkal (DT)-637207.

SUB: OFFER FOR POSITION TRAINEE – PCB DESIGN

Dear Santhosh,

We are pleased to inform you that based on your application and the interviews you had, you have been selected for the position of Trainee PCB Design Engineer.

“Congratulations on your selection and we welcome you to join the Rantronics family”

Your joining date will be Monday 01 August 2022

On the first day of the employment, please report to our office at 9:30 AM

You will be paid a gross annual salary of **Rupees. 84,000/- (Eighty Four Thousand only)**. On the day of joining, you're required to bring along with you the following documents,

1. Original Educational Certificate and Certificate for proof of age.
2. 4 Passport size photos.
3. ID proof – Aadhar, Driving License, and Voter ID.

You are bound to offer your service to the organization minimum **3 years** from the date of joining you're position, First year will be **Intern**, next two years will be bound as **Design Engineer**. If falling your settlement will be canceled and you should compensate to the organization loses.

I look forward to welcoming you in our organization.

Should you need any further clarifications, please feel free to contact us.

Permission Letter:-

From

SANTHOSH.S [19BECH178]

IVth yr 'C' sec, ECE.

M.KUMARASAMY COLLEGE OF ENGINEERING
KARUR.

To,


The Principal,

M.KUMARASAMY COLLEGE OF ENGINEERING
KARUR.

Through,

The Head of the Department,

M.KUMARASAMY COLLEGE OF ENGINEERING.
KARUR.

Forwarded to
Principal Sir,


RESPECTED SIR,

Sub: Intern offer - Reg:-

I am S.Santhosh [19BECH178], currently doing my final year in our college. I got a intern offer from Rantronics Technology for a period of 1 year. So, I kindly request ^{you} provide me on duty from 01.08.2022.

M.KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM-KARUR

Department of Electronics and Communication Engineering

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: Rantronics Technology

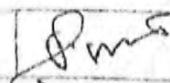


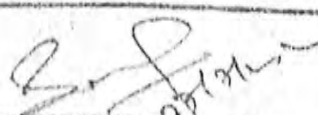
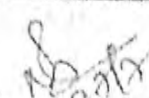
Duration of the Training/Internship: 1 year

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution				✓	
2	The tasks given are challenging and testing your mettle					✓
3	The tasks given are able to complete within the given duration				✓	
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees					✓
5	The colleagues provide good support and receptive of industrial trainees					✓
6	I get along well with colleagues				✓	
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.				✓	
8	The training has prepared me well to work in the industry in terms of techniques and skills					✓
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.				✓	

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

Good

REG NO	1. 19BEC4070	3.
	2.	4.
DEGREE (please tick the appropriate box)	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	ECE	YEAR/SEM IV/VII
CGPA	1. 7.4	3.
	2.	4.
MOBILE NO	1. 9080474893	3.
	2.	4.
INTERNAL GUIDE	NAME: Mr.MEIVEL .S	DEPT: ECE
	DESIGNATION: ASSISTANT PROFESSOR	MOBILE NO: 9003713212
COMPANY/INDUSTRY NAME WITH ADDRESS (proposed for internship)	Rantronics Technology No. 39, 3 rd floor, Bhanu Narsing Home Road, Bommanahalli, Bangalore - 560068	
COMPANY CONTACT PERSON	NAME: Yogalakshmi	EMAIL ID: ranjith@rantronics technology.com
	DESIGNATION: Director	MOBILE NO: 9994179211
Stipend (Yes/No)	Yes (if yes, Rs. 7000 /month)	
TRAINING DOMAIN	PCB Design	
DURATION OF INTERNSHIP	FROM: 01/08/2022	TO: 01/08/2023 (1 Year)
SIGNATURE OF THE STUDENTS	1. S. HEP	3.
	2.	4.
SIGNATURE WITH DATE	INTERNAL GUIDE 	CLASS ADVISOR 
		21/7/22
HOD/DEAN 	PLACEMENT OFFICER 	PRINCIPAL 

Note :

- ✓ Permission letter from company is mandatory with this form
- ✓ Department staff coordinators are requested to collect the Attendance sheet & internship report past to the internship

Dear Haripriyan,

We are pleased to inform you that based on your application and the interviews you had, you have been selected for the position of Trainee PCB Design Engineer.

"Congratulations on your selection and we welcome you to join the Rantronics family"

Your joining date will be Monday 01 August 2022

On the first day of the employment, please report to our office at 9:30 AM

You will be paid a gross annual salary of **Rupees. 84,000/- (Eighty Four Thousand only)**. On the day of joining, you're required to bring along with you the following documents,

1. Original Educational Certificate and Certificate for proof of age.
2. 4 Passport size photos.
3. ID proof - Aadhar, Driving License, and Voter ID.

You are bound to offer your service to the organization minimum **3 years** from the date of joining you're position. First year will be **Intern**, next two years will be bound as **Design Engineer**. If falling your settlement will be canceled and you should compensate to the organization loses.

I look forward to welcoming you in our organization.
Should you need any further clarifications, please feel free to contact us.

HR Signature

ATTENDED

PRINCIPAL
Amarasamy College of Engineering
Rantronics
No 39, 3rd floor, Bhanu Nursing Home Road,
Bommanahalli, Bangalore - 560068

S. Haripriyan
Candidate Signature

Through

The Head of the department
Electronics & communication
Engineering
M. Kumarasamy college of Engineering
Kasur

To

The Principal
M. Kumarasamy college of Engineering
Kasur.

 **ATTESTED**

Respected sir.

Sub: Intern offer - Reg


PRINCIPAL
M. Kumarasamy College of Engineering
Kasur

I am Haripriyan. S (currently studying in
final year in our college); I got a intern offer
from "Rantronics technology" for a period of
1 Year. So, I kindly request to provide
me On duty from 1.8.22. I assure that
I will do my regular academic activities
as per our college rules

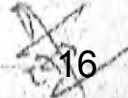
Thanking you

Yours obediently
S. Haripriyan

25/7/22 Forward to HOD Sir


25/7/22

Forward to
Principal Sir


16

M.KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM-KARUR
Department of Electronics and Communication Engineering

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: RANTRONICS TECHNOLOGY.

Duration of the Training/Internship: _____

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution					✓
2	The tasks given are challenging and testing your mettle				✓	
3	The tasks given are able to complete within the given duration					✓
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees				✓	
5	The colleagues provide good support and receptive of industrial trainees					✓
6	I get along well with colleagues				✓	
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.					✓
8	The training has prepared me well to work in the industry in terms of techniques and skills					✓
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.				✓	

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

The Training was very good.



M.K. Kumarasamy
College of Engineering

Autonomous Institution
Approved by AICTE & Affiliated to Anna University
CoE 631 019 Certified Institution
Thiruvananthapuram, Kerala, India



Form No: ACD_18_F_03
Issue : 01
Issue date : 18.06.2018

INTERNSHIP APPROVAL FORM

Ref no: MKCE/T&P/INTERN/DEPT ECE

No. 19BEC4112

Date: 27.07.2022

NAME (in block letters)	1. Maigokul P ✓	3.
	2.	4.
REG NO	1. 19BEC4112	3.
	2.	4.
DEGREE (please tick the appropriate box)	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	ECE	YEAR/SEM IV / VII
CGPA	1. 7.3	3.
	2.	4.
MOBILE NO	1. 9629101308	3.
	2.	4.
INTERNAL GUIDE	NAME: Mr. MEIVEL S	DEPT: ECE
	DESIGNATION: ASSISTANT PROFESSOR	MOBILE NO: 9003713212
COMPANY/INDUSTRY NAME WITH ADDRESS (proposed for internship)	Pantronics Technology no 31, 3rd floor, Chenu Narsing Home Road, Emmenahalli, Bangalore - 560068	
COMPANY CONTACT PERSON	NAME: V. S. Galabshmi	EMAIL ID: vsgalabshmi@pantronics.com
	DESIGNATION: Director	MOBILE NO: 9994179211
Stipend (Yes/No)	Yes (If yes, Rs. 7000 /month)	
TRAINING DOMAIN	PCB Design	
DURATION OF INTERNSHIP	FROM: 01/08/2022	TO: 01/08/2023 (1 year)
SIGNATURE OF THE STUDENTS	1. P. Maigokul	3.
	2.	4.
SIGNATURE WITH DATE	INTERNAL GUIDE 18 [Signature]	CLASS ADVISOR [Signature] 27/7/22

11-08-2022

Mr. [Name]
[Address]
[City, State, Zip]

INTERVIEW INVITATION TRAINEE - PCB DESIGN

Dear Sir,

Thank you for the interest in the position, your application and the interviews you had, you are invited to join the organization as **Trainee PCB Design Engineer**.

Confirmation of your selection and we welcome you to join the Rantronics family"

Your reporting date will be **Monday 01 August 2022**

On the date of the employment, please report to our office at **9:30 AM**

We will be paying a gross annual salary of **Rupees. \$4,000/- (Eighty Four Thousand only)**. On the day of joining, you are required to bring along with you the following documents,

- 1. Original Educational Certificate and Certificate for proof of age.
- 2. Passport size photos.
- 3. Original - Aadhar, Driving License, and Voter ID.

You are bound to offer your service to the organization minimum **3 years** from the date of joining you in position. First year will be **Intern**, next two years will be bound as **Design Engineer**. If during your settlement will be canceled and you should compensate to the organization loss.

Thank you for welcoming you in our organization.

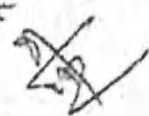
If you need any further clarifications, please feel free to contact us

Permission Letter

From
Maigokul . P [19BEC4112]
'10th' yr 'B' sec, ECE,
M. Kumarasamy College of Engineering,
Karasur.

Through
The Head of the Department,
Electronics and Communication Engineering,
M. Kumarasamy College of Engineering,
Karasur.

To
The Principal,
M. Kumarasamy College of Engineering,
Karasur.

Permitted to
Principal Sir,


Respected Sir,

Sub: Intern offer - Reg. :-

I am P. Maigokul [19BEC4112], currently doing my final year in our college. I got a intern offer from "Rantronics" for a period of 1 year so, I kindly request to you to please issue that I

1	The tasks given are related to the subjects that I have learned in the institution					✓
2	The tasks given are challenging and testing your mettle					✓
3	The tasks given are able to complete within the given duration					✓
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees					✓
5	The colleagues provide good support and receptive of industrial trainees					✓
6	I get along well with colleagues					✓
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.					✓
8	The training has prepared me well to work in the industry in terms of techniques and skills					✓
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.					✓

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

Internship was very nice & useful for me

GENERAL COMMENTS OR SUGGESTIONS FOR CURRICULUM IMPROVEMENT

NIL

Signature: P. Maigokul

Name: MAI GOKUL P

Reg No: 19BEC4112

ATTENDED

4



KAAR INFOTECH PRIVATE LIMITED

**JOB – ROLE : FULL STACK TECHNO-FUNCTIONAL
CONSULTANT (INTERN)**

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

NAME : SANJAY G

YEAR/SEM : IV/VIII

PERIOD : SEP 2022 – SEP 2023

**ROLE : FULL STACK TECHNO-FUNCTIONAL
CONSULTANT (INTERN)**

DOMAIN: SAP



M.Kumarasamy
College of Engineering

NAAC Accredited Autonomous Institution
Approved by AICTE & Affiliated to Anna University
ISO 9001:2015 Certified Institution
Thalavapalayam, Karur, Tamilnadu.



Format No : ACD_18_F_03
Issue : 01
Issue date : 18.06.2018

INTERNSHIP APPROVAL FORM

Ref no: MKCE/T&P/INTERN/DEPT ECE /No.

Date: 27/09/2022

NAME (in block letters)	1. <u>SANJAY.G</u>	3. <u>—</u>
	2. <u>—</u>	4. <u>—</u>
REG NO	1. <u>19BEC4170</u>	3. <u>—</u>
	2. <u>—</u>	4. <u>—</u>
DEGREE (please tick the appropriate box)	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	<u>ELECTRONICS AND COMMUNICATION ENGINEERING</u>	YEAR/SEM <u>IV / VII</u>
CGPA	1. <u>8.848</u>	3. <u>—</u>
	2. <u>—</u>	4. <u>—</u>
MOBILE NO	1. <u>7598897848</u>	3. <u>—</u>
	2. <u>—</u>	4. <u>—</u>
INTERNAL GUIDE	NAME: <u>MEIVELS</u>	DEPT: <u>ECE</u>
	DESIGNATION: <u>ASSISTANT PROFESSOR</u>	MOBILE NO: <u>9003713212</u>
COMPANY/INDUSTRY NAME WITH ADDRESS (proposed for internship)	<u>KAR TECHNOLOGY, Chennai</u>	
COMPANY CONTACT PERSON	NAME:	EMAIL ID:
	DESIGNATION:	MOBILE NO:
Stipend (Yes/No)	<u>yes</u> (if yes, Rs. <u>5000/10000</u> /month)	
TRAINING DOMAIN	<u>TECH SERGEANT (SAP)</u>	
DURATION OF INTERNSHIP	FROM: <u>28/09/2022</u>	TO: <u>—/—/—</u>
SIGNATURE OF THE STUDENTS	1. <u>G. Jey</u>	3. <u>—</u>
	2. <u>23</u>	4. <u>—</u>

Subject: Kaar Technologies - Final Selection Details - BE 2023 YOP (SAP Role) - M Kumarasamy College of Engineering
To: hod <hod@mkce.ac.in>, <placementcoordinators2023@googlegroups.com>
Cc: Principal MKCE <principal@mkce.ac.in>

Dear Team,

Greetings from Kaar Technologies!

It's been a great experience managing the campus hiring process virtually with your esteemed institution for BE 2023 Batch.

Please find below final selection details and it is mandatory for the selected candidates to take 1 year Internship with us, else the offer will become void.

Sl. No.	Candidate Name	Position	CTC
1	Bhava Dharani G	Tech Sergeant (SAP)	6.5 LPA
2	Divya A	Tech Sergeant (SAP)	6.5 LPA
3	Elango M	Tech Sergeant (SAP)	6.5 LPA
4	Gowri J	Tech Sergeant (SAP)	6.5 LPA
5	Hemalatha S	Tech Sergeant (SAP)	6.5 LPA
6	Jananiha Ramalingam	Tech Sergeant (SAP)	6.5 LPA
7	Jeevanantham R	Tech Sergeant (SAP)	6.5 LPA
8	Manju S	Tech Sergeant (SAP)	6.5 LPA
9	Mugilan K	Tech Sergeant (SAP)	6.5 LPA
10	Nandhini N	Tech Sergeant (SAP)	6.5 LPA
11	Naveen B	Tech Sergeant (SAP)	6.5 LPA

<https://mail.google.com/mail/u/0/?ik=23a859a2e5&view=pt&search=all&permthid=thread-f%3A1739759215477311828&simpl=msg-f%3A1739759...> 1/3

ATTESTED

PRINCIPAL

M. Kumarasamy College of Engineering

12	Pavithra R	Tech Sergeant (SAP)	6.5 LPA
13	Pranitha K	Tech Sergeant (SAP)	6.5 LPA
14	Rithikashree B	Tech Sergeant (SAP)	6.5 LPA
15	Sanjay G	Tech Sergeant (SAP)	6.5 LPA
16	Sinegalatha B	Tech Sergeant (SAP)	6.5 LPA
17	Sneka E	Tech Sergeant (SAP)	6.5 LPA
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21	Suriya R	Tech Sergeant (SAP)	6.5 LPA
22	Trinaya S	Tech Sergeant (SAP)	6.5 LPA
23	Varshaa K K	Tech Sergeant (SAP)	6.5 LPA
24	Varunkumar B	Tech Sergeant (SAP)	6.5 LPA

Important:

All campus hires will get an opportunity to do internship from 7th semester for the period of one year. During the first 6 months, interns will be exposed to ERP, Digi-Tech, SAP Full Stack Technical and Functional Modules along with Project Management Training. During this phase, they are expected to complete multiple mini projects to get hands on experience in SAP along with a learning stipend of 5,000 INR.

On successful completion of project review and assessments, the interns will be eligible to enter second 6 months, and they will undergo project related trainings and participate in live projects along with the learning stipend of 10,000 INR.

9/27/22, 9:22 AM

Gmail - Fwd: Kaar Technologies - Final Selection Details - BE 2023 YOP (SAP Role) - M Kumarasamy College of Engineering

- UG Semester Marksheets (available till date)
- Training's/Certificates (Sports, Events, Music, Symposium, etc.,)
- PAN Card
- Aadhar Card



Kaar Technologies



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—
Warm Regards,

Dr. V. Saravanan
Training and Placement Officer
M.Kumarasamy College of Engineering, Karur, Tamil Nadu
www.mkce.ac.in | placement@mkce.ac.in | 9842416477

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For more options, visit <https://groups.google.com/d/optout>.

In KAAR tech I have joined as an intern in the month of September 2022. I have the virtual internship from that time with the stipend of 5000 per month. After 6 months the internship stipend will be 10000 per month.

In that I have asked to complete the courses on word and excel in order work in project management system. Apart from that , I am assigned to learn SAP modules like sales and distribution , EHSM, HR, PP, PM. We have continuous learning in all the modules .

In SAP , I have learnt about Tables, reports, Views, Search help, BDC , Smart forms , Adobe forms.

As a frontend developer I have trained on Angular , SAP UI, Flutter.

For the middleware configuration I have trained on SAP PIPO , SAP ODATA.

By using all the frontend, backend and middleware configuration , I am going to do my portal projects on my internship period

M.KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM-KARUR

Department of Electronics and Communication Engineering

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: KAAR TECHNOLOGY - CHENNAI

Duration of the Training/Internship: One year

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution					✓
2	The tasks given are challenging and testing your mettle				✓	
3	The tasks given are able to complete within the given duration					✓
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees				✓	
5	The colleagues provide good support and receptive of industrial trainees					✓
6	I get along well with colleagues				✓	
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.				✓	
8	The training has prepared me well to work in the industry in terms of techniques and skills					✓
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.				✓	

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

EXCELLENT



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Issue date : 18.06.2018

INTERNSHIP APPROVAL FORM

Ref no: MKCE/T&P/INTERN/DEPT ECE

/No.

Date: 27/09/2022

NAME (in block letters)	1. RITHIKASHREE B	3. -
	2. -	4. -
REG NO	1. 19BECA165	3. -
	2. -	4. -
DEGREE <i>(please tick the appropriate box)</i>	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	ELECTRONICS AND COMMUNICATION ENGINEERING	YEAR/SEM IV/VII
CGPA	1. 9.152	3. -
	2. -	4. -
MOBILE NO	1. 9944197045	3. -
	2. -	4. -
INTERNAL GUIDE	NAME: MEIVELS	DEPT: ECE
	DESIGNATION: ASSISTANT PROFESSOR	MOBILE NO: 9003713212
COMPANY/INDUSTRY NAME WITH ADDRESS <i>(proposed for internship)</i>	KAAR TECHNOLOGIES, CHENNAI.	
COMPANY CONTACT PERSON	NAME:	EMAIL ID:
	DESIGNATION:	MOBILE NO:
Stipend (Yes/No)	Yes (if yes, Rs. 5000/10,000 /month)	
TRAINING DOMAIN	TECH SERGEANT (SAP)	
DURATION OF INTERNSHIP	FROM: 28/9/2022	TO: ___/___/___
SIGNATURE OF THE STUDENTS	1. Rithikashree	3. -
	2. 29 -	4. -



19BEC4214- SURIYA R <suriya20122001@gmail.com>

Fwd: Kaar Technologies - Final Selection Details - BE 2023 YOP (SAP Role) - M Kumarasamy College of Engineering

1 message

Shanmugavadivel G <shanmugavadivelg.ece@mkce.ac.in>
To: mkcece2023@googlegroups.com

Sat, Jul 30, 2022 at 12:17 PM

----- Forwarded message -----

From: Placement MKCE <placement@mkce.ac.in>

Date: Sat, 30 Jul, 2022, 11:44 am

Subject: Kaar Technologies - Final Selection Details - BE 2023 YOP (SAP Role) - M Kumarasamy College of Engineering

To: hod <hod@mkce.ac.in>, <placementcoordinators2023@googlegroups.com>

Cc: Principal MKCE <principal@mkce.ac.in>

Dear Team,

Greetings from Kaar Technologies!

It's been a great experience managing the campus hiring process virtually with your esteemed institution for BE 2023 Batch.

Please find below final selection details and it is mandatory for the selected candidates to take 1 year Internship with us, else the offer will become void.

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31
Interns will be elevated to the role of full-time employee based on the final assessment in live project and they are eligible to get their full salary.

9/27/22, 9:22 AM

Gmail - Fwd: Kaar Technologies - Final Selection Details - BE 2023 YOP (SAP Role) - M Kumarasamy College of Engineering

- UG Semester Marksheets (available till date)
- Training's/Certificates (Sports, Events, Music, Symposium, etc.,)
- PAN Card
- Aadhar Card



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Digital Transformation**
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INTERNSHIP APPROVAL FORM

Ref no: MKCE/T&P/INTERN/DEPT ECE

/No.

Date: 27.9.22

NAME (in block letters)	1. N. NANDHINI	3. -
	2. -	4. -
REG NO	1. 19BEC4125	3. -
	2. -	4. -
DEGREE (please tick the appropriate box)	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	ECE	YEAR/SEM <u>IV</u> / <u>VII</u>
CGPA	1. 9.438	3. -
	2. -	4. -
MOBILE NO	1. 9123521919	3. -
	2. -	4. -
INTERNAL GUIDE	NAME: MEIVELS	DEPT: ECE
	DESIGNATION: ASSISTANT PROFESSOR	MOBILE NO: 9003713212
COMPANY/INDUSTRY NAME WITH ADDRESS (proposed for internship)	KAAR TECHNOLOGIES, CHENNAI	
COMPANY CONTACT PERSON	NAME:	EMAIL ID:
	DESIGNATION:	MOBILE NO:
Stipend (Yes/No)	Yes	(if yes, Rs. 5000/10000 /month)
TRAINING DOMAIN	TECH SERGEANT (SAP)	
DURATION OF INTERNSHIP	FROM: 28/9 / 2022	TO: ___/___/___
SIGNATURE OF THE STUDENTS	1. N. Nandhini	3. -
	2. -	4. -

Fwd: Kaar Technologies - Final Selection Details - BE 2023 YOP (SAP Role) - M Kumarasamy College of Engineering

1 message

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02/22, 9:22 AM

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Gartner
Peer Insights
KAAR AWARDS



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M.KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM-KARUR

Department of Electronics and Communication Engineering

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: KAAR TECHNOLOGIES CHENNAI

Duration of the Training/Internship: _____

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution					✓
2	The tasks given are challenging and testing your mettle					✓
3	The tasks given are able to complete within the given duration				✓	
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees				✓	
5	The colleagues provide good support and receptive of industrial trainees				✓	
6	I get along well with colleagues					✓
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.				✓	
8	The training has prepared me well to work in the industry in terms of techniques and skills					✓
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.				✓	

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

The Internship was Very Excellent. It is very helpful for my future project.

M.KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM-KARUR

Department of Electronics and Communication Engineering

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

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8	The training has prepared me well to work in the industry in terms of techniques and skills				✓	✓
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.				✓	

ADDITIONAL COMMENTS OR SUGGESTIONS REGARDING INDUSTRIAL TRAINING/INTERNSHIP

Nil



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Date: 27/09/2022

NAME (in block letters)	1. NAVEEN. B, SURIYA. R	3. -
	2. -	4. -
REG NO	1. 19BEC4130, 19BEC4214	3. -
	2. -	4. -
DEGREE <i>(please tick the appropriate box)</i>	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	ELECTRONICS AND COMMUNICATION ENGINEERING	YEAR/SEM <u>IV</u> / <u>VII</u>
CGPA	1. 9.17	3. -
	2. -	4. -
MOBILE NO	1. 9500628056, 968889078	3. -
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INTERNAL GUIDE	NAME: MEIVEL.S	DEPT: ECE
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COMPANY/INDUSTRY NAME WITH ADDRESS <i>(proposed for internship)</i>	KAAR TECHNOLOGY, CHENNAI.	
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TRAINING DOMAIN	TECH SERGEANT (SAP)	
DURATION OF INTERNSHIP	FROM: 28/09/2022	TO: ___/___/___
SIGNATURE OF THE STUDENTS	1. NAVEEN. B, SURIYA. R	3. -
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19BEC4214- SURIYA R <suriya20122001@gmail.com>

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Date: Sat, 30 Jul, 2022, 11:44 am

Subject: Kaar Technologies - Final Selection Details - BE 2023 YOP (SAP Role) - M Kumarasamy College of Engineering

To: hod <hod@mkce.ac.in>, <placementcoordinators2023@googlegroups.com>

Cc: Principal MKCE <principal@mkce.ac.in>

Dear Team,

Greetings from Kaar Technologies!

It's been a great experience managing the campus hiring process virtually with your esteemed institution for BE 2023 Batch.

Please find below final selection details and it is mandatory for the selected candidates to take 1 year Internship with us, else the offer will become void.

Sl. No.	Candidate Name	Position	CTC
1	Bhava Dharani G	Tech Sergeant (SAP)	6.5 LPA
2	Divya A	Tech Sergeant (SAP)	6.5 LPA
3	Elango M	Tech Sergeant (SAP)	6.5 LPA
4	Gowri J	Tech Sergeant (SAP)	6.5 LPA
5	Hemalatha S 40	Tech Sergeant (SAP)	6.5 LPA

12	Pavithra R	Tech Sergeant (SAP)	6.5 LPA
13	Pranitha K	Tech Sergeant (SAP)	6.5 LPA
14	Rithikashree B	Tech Sergeant (SAP)	6.5 LPA
15	Sanjay G	Tech Sergeant (SAP)	6.5 LPA
16	Sinegalatha B	Tech Sergeant (SAP)	6.5 LPA
17	Sneka E	Tech Sergeant (SAP)	6.5 LPA
18	Srinath S	Tech Sergeant (SAP)	6.5 LPA
19	Subhashini M	Tech Sergeant (SAP)	6.5 LPA
20	Sureka S	Tech Sergeant (SAP)	6.5 LPA
21	Suriya R	Tech Sergeant (SAP)	6.5 LPA
22	Trinaya S	Tech Sergeant (SAP)	6.5 LPA
23	Varshaa K K	Tech Sergeant (SAP)	6.5 LPA
24	Varunkumar B	Tech Sergeant (SAP)	6.5 LPA

Important:

All campus hires will get an opportunity to do internship from 7th semester for the period of one year. During the first 6 months, interns will be exposed to ERP, Digi-Tech, SAP Full Stack Technical and Functional Modules along with Project Management Training. During this phase, they are expected to complete multiple mini projects to get hands on experience in SAP along with a learning stipend of 5,000 INR.

On successful completion of project review and assessments, the interns will be eligible to enter second 6 months, and they will undergo project related trainings and participate in live projects along with the learning stipend of 10,000 INR.

02/27/22, 9:22 AM

Gmail - Fwd: Kaar Technologies - Final Selection Details - BE 2023 YOP (SAP Role) - M Kumarasamy College of Engineering

- UG Semester Marksheets (available till date)
- Training's/Certificates (Sports, Events, Music, Symposium, etc.,)
- PAN Card
- Aadhar Card



Kaar Technologies



World's Best
Pure-Play SAP
Digital Transformation
Consulting and Services Partner

22
SAP AWARDS

Getner
Peer Insights
4.4/5



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—
Warm Regards,

Dr. V. Saravanan
Training and Placement Officer
M.Kumarasamy College of Engineering, Karur, Tamil Nadu
www.mkce.ac.in | placement@mkce.ac.in | 9842416477

—
(NAAC Accredited Autonomous Institution)

—
You received this message because you are subscribed to the Google Groups "PLACEMENT COORDINATORS 2023" group.

To unsubscribe from this group and stop receiving emails from it, send an email to placementcoordinators2023+unsubscribe@googlegroups.com

To view this discussion on the web, visit <https://groups.google.com/d/msgid/placementcoordinators2023/CA%2BdDdeLuPKrwAcCN3pqeK8cb7Hjm002NsDmM4BCW7iUvy3b1g%40mail.gmail.com>.

For more options, visit <https://groups.google.com/d/optout>

M.KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM-KARUR

Department of Electronics and Communication Engineering

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: KAAR TECHNOLOGY - CHENNAI

Duration of the Training/Internship: _____

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution					✓
2	The tasks given are challenging and testing your mettle					✓
3	The tasks given are able to complete within the given duration				✓	
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees				✓	
5	The colleagues provide good support and receptive of industrial trainees				✓	
6	I get along well with colleagues					✓
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.				✓	
8	The training has prepared me well to work in the industry in terms of techniques and skills				✓	
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.					✓

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

THE INTERNSHIP WAS VERY NICE

M. KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM-KARUR

Department of Electronics and Communication Engineering

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: KARR TECHNOLOGY - CHENNAI

Duration of the Training/Internship: _____

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution					✓
2	The tasks given are challenging and testing your mettle				✓	
3	The tasks given are able to complete within the given duration				✓	
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees					✓
5	The colleagues provide good support and receptive of industrial trainees				✓	
6	I get along well with colleagues				✓	
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.				✓	
8	The training has prepared me well to work in the industry in terms of techniques and skills				✓	
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.					✓

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

Good



M.Kumarasamy
College of Engineering

NAAC Accredited Autonomous Institution
Approved by AICTE & Affiliated to Anna University
ISO 9001:2015 Certified Institution
Thalavapalayam, Karur, Tamilnadu.

KR

Format No : ACD_18_F_03
Issue : 01
Issue date : 18.06.2018

INTERNSHIP APPROVAL FORM

Ref no: MKCE/T&P/INTERN/DEPT

/No.

Date: 12.07.2022

NAME (in block letters)	1. DINESH . N ✓	3.
	2.	4.
REG NO	1. 19BEC4043	3.
	2.	4.
DEGREE (please tick the appropriate box)	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	ECF	YEAR/SEM IV / VIII
CGPA	1. 8.102	3.
	2.	4.
MOBILE NO	1. 9384235036	3.
	2.	4.
INTERNAL GUIDE	NAME: MEIVEL . S	DEPT: ECF
	DESIGNATION: AP/ECF	MOBILE NO: 9003713212
COMPANY/INDUSTRY NAME WITH ADDRESS (proposed for internship)	ZOH0 CORPORATION PVT. LTD. NEAR SRM UNIVERSITY , POTHERI , KANCHI PURAM(DT)	
COMPANY CONTACT PERSON	NAME:	EMAIL ID:
	DESIGNATION:	MOBILE NO:
Stipend (Yes/No)	Yes (if yes, Rs. 15,000 /month)	
TRAINING DOMAIN	SOFTWARE DEVELOPMENT	
DURATION OF INTERNSHIP	FROM: ___/___/___	TO: ___/___/___
SIGNATURE OF THE STUDENTS	1. N. Dinesh	3.
	2. 45	4.
SIGNATURE WITH DATE	INTERNAL GUIDE <i>[Signature]</i>	CLASS ADVISOR <i>[Signature]</i>



Summer internship (At the campus)

1 message

Mon, 11 Jul, 2022 at 6:04 pm

Incubation <incubation-hr@zohocorp.com>
To: kajithv4 <kajithv4@gmail.com>, dineshnvasuki02 <dineshnvasuki02@gmail.com>

Hi

Greetings from ZOH0 Corporation.

Congratulations!

Your profile has been shortlisted for the Summer Internship process at Zoho. This process will commence from **14-July-2022**

Please make yourself available at our premises by **9.30 am** with a photocopy of this mail.

Venue:

**ZOH0 Corporation Pvt. Ltd,
Near SRM University, Potheri,
Kanchipuram District.**

Please note down few points:

1. Taking leave/permission during internship will not be entertained.
2. You will be assessed from day one.
3. Our intention of conducting this process is to retain the candidate as an Intern/employee upon completing the process successfully and based on the candidate's performance during the period.
4. Candidates who are employed (Full time/part time/freelancing) are not eligible for the internship process.
5. Candidates who have been employed previously should inform us about this. We will verify the previous employment documents as part of the internship process.
6. Please contact jacline.s@zohocorp.com for your ID Card. On your date of exit, please hand over the card to the Tower - Ground floor security desk.

You will be paid a monthly stipend of Rs. 15000 to your bank account.

Please share the following as a response to this email

- Your bank account number along with the IFSC code
- An image of your bank pass book (For us to cross check the account number and IFSC Code) and PAN
- Your emergency contact number (Should be either your parents' or guardian's)

Your stipend will be credited before the 10th of the following month.



We have sent you the policy documents. Please sign them all via Zoho Sign. In case you need to take a day off due to some emergency, please keep your manager informed so that your stipend can be processed accordingly.

Note:



ZOHO CORPORATION PRIVATE LIMITED

INTERNSHIP REPORT

JOB-ROLE: NETWORK DEVELOPER INTERN

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

NAME : DINESH N
YEAR/SEM : IV/VII
PERIOD : 47 14.07.2022 – 26.08.2022
ROLE : NETWORK DEVELOPER INTERNS

Client Server Messenger using Java

INTRODUCTION:

The main objective for building a Client Server Messenger is to provide an advanced communication platform so that multiple people can communicate with each other at the same time. All you need is just an internet connection. You can connect to your group of friends wherever internet connectivity is there. Some of the best examples are Yahoo Messenger, which is used on large scale for chatting purposes.

Existing System:

When internet was not there, people were not able to communicate as a group. Text messages were the most common mechanism but it did not provide the facility of multiple communications. There are many occasions when communication has to happen in a group only like an official offline meeting or a fun conversation among a group of friends. Moreover, the mechanism of text messages was not cost effective and was relatively slow.

Proposed System:

Proposed system although provides multiple conversations which have made the life of so many people easier and interesting. People are more than happy to get such a facility. The Client Server Messenger is a socket application which is multi-threaded in nature, it means multiple users can access the single server application. This is best used in professional environments. This system is very fast and the communication happens very smoothly.

Users or groups :

This module will have a list of users or groups which a user can add. Before beginning the chatting with one or more users, it is important to add the particular user. In this list, it will be visible that a user is online or offline.

Chat window:

In this module, the conversations would happen and all the users in the group will be able to view the conversation and participate in it.

Settings:

In this module, the user can modify his profile details like picture, password and other privacy settings.

Software Requirements

1. TCP/IP network layer
2. Jdk 1.5
3. Netbean5.0

Hardware Requirements

- 1.HardDisk–2GB.
- 2.RAM–1GB.
- 3.Processor–DualCoreorAbove.
- 4.Mouse.
- 5.Keyboard.
- 6.Monitor.
7. Printer.

CODE:

```
import java.awt.event.*;
import javax.swing.border.*;
import javax.swing.event.*;
import java.net.*;
import java.io.*;
import javax.swing.*;
import java.awt.*;
import java.util.*;

public class ChatClient extends JFrame implements Runnable
{
    Socket socket;

    Room currentRoom=null;
    DefaultListModel myRooms = new DefaultListModel();
    DefaultListModel onlineUsers = new DefaultListModel();
    String myName;

    BufferedReader input;
    PrintStream output;

    JTextArea txtMessages;
    JList lstRooms;
    JList lstUsers;
    JTextField txtSend;
    boolean active;

    public static void main(String[] argv) throws IOException
    {
        InetAddress clientAddr= InetAddress.getLocalHost();
        int portNumber=1666;
        System.out.println("Chat Client by Vish starting...");
        String host = JOptionPane.showInputDialog(null,"Enter the hostname/IP Address of
the server \n and port number seperated by a space","Vish
Chat",JOptionPane.QUESTION_MESSAGE);
        if (host==null)
```

```

        catch(Exception e)
        {
            JOptionPane.showMessageDialog(null,"Invalid input. Please try
again","Vish Chat!",JOptionPane.ERROR_MESSAGE);
        }
    }
    while (true);

```

```

        System.out.println("Connecting to Chat Server at "+clientAddr+"... ");
        ChatClient cc = new ChatClient(clientAddr,portNumber);
        cc.pack();
        cc.setLocation(15,1);
        cc.setVisible(true);
    }

```

```

public ChatClient(InetAddress adx,int portNumber)

```

```

{
    super("Vish Chat!");
    try
    {
        socket=new Socket(adx,portNumber);
        input =new BufferedReader(new

```

```

class Room

```

```

{
    int roomId;
    String roomName;
    String message="";
    public String toString()
    {
        return roomName;
    }
}

```

```

class MyActionListener implements ActionListener

```

```

{
    public void actionPerformed(ActionEvent e)
    {

```

```

    "+txtSend.getText());
        System.out.println("Client sent: m "+currentRoom.roomId+"
        txtSend.setText("");
    }
    else if(e.getActionCommand().equals("Create"))
    {
        int[] selections=lstUsers.getSelectedIndices();
        if (selections.length==0)
        {
            JOptionPane.showMessageDialog(null,"Please select users in
            the room using Cntrl key. ", "Vish Chat! - "+myName, JOptionPane.ERROR_MESSAGE);

            return;
        }
        String inviteMessage="";
        for(int i=0;i<selections.length;i++)
            inviteMessage +=
            "+(String)onlineUsers.elementAt(selections[i]);
            String roomName = JOptionPane.showInputDialog(null,"Enter name
            of the room:", "Vish Chat! - "+myName, JOptionPane.QUESTION_MESSAGE);
            if (roomName==null)
                return;
            if (roomName=="")
                roomName="Unnamed";
            inviteMessage = "v "+roomName+" "+myName+inviteMessage;

            output.println(inviteMessage);
            System.out.println("Client sent: "+inviteMessage);
        }
    }
}

```

BENEFITS:

The Institute combines pioneering research with top class education. An innovative curriculum allows the student flexibility in selecting courses and projects. Students, even at the undergraduate level, get to participate in ongoing research and technology development - an opportunity unprecedented in India.

RESULTS:

The Client Server Messenger using Java using socket programming in Java is successfully developed with the concurrent approach and tested with care. The application is completely platform independent and very light-weighted in nature.

N. Singh
Prepared By:

S. Meival
Verified By:
AP/ECE

Dr. S. Palanivel Rajan
Approved By:
Dr. S. PALANIVEL RAJAN, B.E., M.E., Ph.D.,
M.B.A., P.G., D.I.C.L., D.Litt., (USA),
Professor & Head,
Dept. of Electronics and Communication Engg.,
M. Kumarasamy College of Engineering, Karur - 639 113.

[Signature]
ATTBSTD

PRINCIPAL,
M. Kumarasamy College of Engineering
Palayapalayam Karur - 639 113

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: Zoho Corporation Pvt Ltd, Estancia IT Park Vellancherry, Chennai

Duration of the Training/Internship: One Month (14.07.22 to 20.08.22)

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution				✓	
2	The tasks given are challenging and testing your mettle					✓
3	The tasks given are able to complete within the given duration					✓
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees					✓
5	The colleagues provide good support and receptive of industrial trainees					✓
6	I get along well with colleagues				✓	
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.				✓	
8	The training has prepared me well to work in the industry in terms of techniques and skills			✓		
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.				✓	

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

The Intern can more helpful for how to serve the Corporate Industry and to improve our skill & knowledges.

GENERAL COMMENTS OR SUGGESTIONS FOR CURRICULUM IMPROVEMENT

the intern duration we can learn new think with short time periode it helpful for my knowledge improvement

Signature: N. Dinesh

Name: N. DINESH

Reg No: 19BECH043

 **ATKSID**

Summer internship (At the campus)

Incubation <incubation-hr@zohocorp.com>

Tue, Jul 12, 2022 at 2:56 PM

To: yadheen7598 <yadheen.7598@gmail.com>, rsivaranjani146 <rsivaranjani146@gmail.com>, kajithv4 <kajithv4@gmail.com>, deepak18102001 <deepak18102001@gmail.com>, muthukavin2430 <muthukavin2430@gmail.com>, akrakumarbtech <akrakumarbtech@gmail.com>, dineshnvasuki02 <dineshnvasuki02@gmail.com>, pk740879 <pk740879@gmail.com>, vcwithun24 <vcwithun24@gmail.com>, sms8122667010 <sms8122667010@gmail.com>, mukilanmano77 <mukilanmano77@gmail.com>, manisha19502 <manisha19502@gmail.com>, dineshkumarcs001 <dineshkumar.cs001@gmail.com>, jagadeeshjagadeesh2002 <jagadeeshjagadeesh2002@gmail.com>, vissamyraj <vissamyraj@gmail.com>, sobikaperiyasamy192019 <sobikaperiyasamy192019@gmail.com>, suganthikaravi30167 <suganthikaravi30167@gmail.com>, keerthanavejay <keerthanavejay@gmail.com>, nandhiniragunathan2002 <nandhiniragunathan2002@gmail.com>, manojakth <manojakth@gmail.com>, simclairsgs <simclair.sgs@gmail.com>, rambalachandran2002 <rambalachandran2002@gmail.com>, sekaranitha585 <sekaranitha585@gmail.com>, saravana30102001 <saravana30102001@gmail.com>, rshankar2154 <rshankar2154@gmail.com>, arunchuck111 <arunchuck111@gmail.com>, mkumaran721 <mkumaran721@gmail.com>, snekaelan <snekaelan@gmail.com>, nagarajan26052001 <nagarajan26052001@gmail.com>, chandrakanthravi1912002 <chandrakanthravi1912002@gmail.com>, jayashree19112001 <jayashree19112001@gmail.com>, mslekha282001 <mslekha282001@gmail.com>, msvimal10 <msvimal10@gmail.com>, mrudhhulavenu <mrudhhulavenu@gmail.com>, nishajayamohan2001 <nishajayamohan2001@gmail.com>, arulkailasam01 <arulkailasam01@gmail.com>, naveenraja2406 <naveenraja2406@gmail.com>, manojjn79 <manojjn79@gmail.com>, 2002mohann <2002mohann@gmail.com>

Hi

Greetings from Zoho Corporation.

Congratulations!

Your profile has been shortlisted for the Summer Internship process at Zoho. This process will commence from 15-July-2022

Please make yourself available at our premises by 9.30 am with a photocopy of this mail.

Venue:

ZOHO Corporation Pvt. Ltd,
Near SRM University, Potheri,
Kanchipuram District.

Please note down few points:

1. Taking leave/permission during internship will not be entertained.
2. You will be assessed from day one.
3. Our intention of conducting this process is to retain the candidate as an Intern/employee upon completing the process successfully and based on the candidate's performance during the period.
4. Candidates who are employed (Full time/part time/freelancing) are not eligible for the internship process.
5. Candidates who have been employed previously should inform us about this. We will verify the previous employment documents as part of the internship process.
6. Please contact jacline.s@zohocorp.com for your ID Card. On your date of exit, please hand over the card to the Tower - Ground floor security desk.

You will be paid a monthly stipend of Rs. 15000 to your bank account.

Please share the following as a response to this email

 **ATTESTED**
55

- Your bank account number along with the IFSC code
- An image of your bank pass book (For us to cross check the account number and IFSC Code) and PAN
- Your emergency contact number (Should be either your parents' or guardian's)

Your stipend will be credited before the 10th of the following month.

We have sent you the policy documents. Please sign them all via Zoho Sign. In case you need to take a day off due to some emergency, please keep your manager informed so that your stipend can be processed accordingly.

Note:

Zoho office is not a commuting distance from most parts of Chennai, so we do not recommend daily commuting. This is to give you an early heads up about our policy, if you get an opportunity to work with us, it's understood that you'll be moving close to ZHO-ESTANCIA i.e within 5-10 km radius.

Regards
Guruprasath
HR Operations



ATTESTED

PRINCIPAL
M Kumarasamy College of Engineering
Chalavapalavam Karu - 630112



M. Kumarasamy
College of Engineering

NAAC Accredited Autonomous Institution
Approved by AICTE & Affiliated to Anna University
ISO 9001:2015 Certified Institution
Thalavapalayam, Karur, Tamilnadu.

KR

Format No : ACD_18_F_03
Issue : 01
Issue date : 18.06.2018

INTERNSHIP APPROVAL FORM

Ref no: MKCE/T&P/INTERN/DEPT

/No.

Date:

NAME (in block letters)	1. GEORGE SIMCLAIR . S /		3.
	2. DEEPAK KUMAR . S		4.
REG NO	1. 19BEC4055		3.
	2. 19BEC4025		4.
DEGREE (please tick the appropriate box)	B.E/B.Tech <input checked="" type="checkbox"/>	M.E <input type="checkbox"/>	MCA <input type="checkbox"/> MBA <input type="checkbox"/>
BRANCH	ECE	YEAR/SEM	IV / VII
CGPA	1. 9.330		3.
	2. 8.643		4.
MOBILE NO	1. 9487354038		3.
	2. 8220187762		4.
INTERNAL GUIDE	NAME: MEIVEL . S		DEPT: ECE
	DESIGNATION: AP/ECE		MOBILE NO: 9003713212
COMPANY/INDUSTRY NAME WITH ADDRESS (proposed for internship)	ZOH0 CORPORATION PVT. LTD, NEAR SAM UNIVERSITY, POTHERI, KANCHIPURAM DISTRICT.		
COMPANY CONTACT PERSON	NAME:		EMAIL ID:
	DESIGNATION:		MOBILE NO:
Stipend (Yes/No)	YES	(if yes, Rs. 15000 /month)	
TRAINING DOMAIN	SOFTWARE DEVELOPMENT		
DURATION OF INTERNSHIP	FROM : 15 / 07 / 2022		TO : 26 / 08 / 2022
SIGNATURE OF THE STUDENTS	1. <i>George Simclair</i>		3.
	2. <i>S. D. K.</i>		4.
SIGNATURE WITH DATE	INTERNAL GUIDE	<i>S. M. S.</i>	CLASS ADVISOR
			<i>K. S. S. S.</i> 12/07/22

<i>[Signature]</i>	<i>[Signature]</i> 12/07/22	ATTESTED <i>[Signature]</i>
HOD/DEAN	PLACEMENT OFFICER	PRINCIPAL

Note :

- ✓ Permission letter from company is mandatory with this form
- ✓ Department staff coordinators are requested to collect the Attendance sheet & internship report post to the internship



Zoho Corporation Private Limited

Plot 140, 151, Estancia IT Park, Vallancheri,
Chengalpattu District, Tamilnadu, 603 202.

Ph: +91 - 44 - 6744 7070

www.zohocorp.com

SEZ Unit

Date: 16-Sep-2022

To

Mr.GEORGE SIMCLAIR SAM,
57,
NEW STREET,
KARUR-639001, TAMIL NADU.

Dear Mr.GEORGE SIMCLAIR SAM,

OFFER OF EMPLOYMENT

We are pleased to offer you employment for the position **MEMBER TECHNICAL STAFF** with **ZOHO CORPORATION PRIVATE LIMITED**.

INTERNSHIP AND STIPEND

You are expected to do the final semester project of your curriculum in our organization. We expect you to work on the project on a full time basis for a period of 5-6 months. During this period you will be paid a monthly stipend of **Rs.20000/- (RUPEES TWENTY THOUSAND ONLY)**. The following offer is valid, subject to successful completion of your project.

(Note: The above may not apply to you if your college does not permit internships)

REMUNERATION

Your annual Cost to Company will be **Rs.600000/- (RUPEES SIX LAKH ONLY)**. The break-up of your gross salary and information specific to bonus and gratuity are set out in Annexure A. Salary will be paid by the last day of each month. All additional benefits that Zoho currently provides employees are set out in Annexure B.

DATE OF JOINING

Your date of appointment is effective from your date of joining after successful completion of your curriculum.

PROBATION

You will be on probation, at a minimum, until completion of the performance review cycle that immediately follows completion of six months from your date of joining, provided that your performance is determined to be satisfactory. If your performance is not satisfactory, your probation may be extended until your performance is determined to be satisfactory. Upon completion of the probation period you will be confirmed on the rolls of the company.

SALARY REVISION

Revision to your compensation will be after one year from the date of joining, subject to satisfactory completion of the probation by you. Zoho operates a Pay-for-performance Policy and any salary revision will take your performance into account.

ATTESIED

58

PRINCIPAL

M. Kumarasamy College of Engineering



ADHERENCE TO POLICIES

During your employment with the Company you shall adhere to all policies of the Company including IT Services Acceptable Use Policy, Acceptable Encryption Policy, Email Policy, Extranet Policy, Information Sensitivity Policy, Password Policy, Remote Access Policy, Virtual Private Network Policy and such policies as may be decided by the Company from time to time. The Company may amend these policies from time to time and you agree to be bound by such subsequent versions of the policies. The Company will communicate important information about its policies by way of electronic mail notification and/or the Company's intranet. The policies are incorporated into the terms and conditions of employment by this reference.

CONFIDENTIALITY

Information you have access to during the course of your employment are confidential and proprietary information of the Company, its Affiliated Companies and customers. "Affiliated Companies" means Zoho Corporation Private Limited and any entity in which the management of Zoho or the company has substantial interest. You agree not to disclose such information other than on a need-to-know basis. In this regard, you agree to observe in good faith your obligations under the Agreement Regarding Confidential Information and Proprietary Developments, a copy of which is included with this Letter of Offer of Employment for your reference and which will be executed separately by you upon joining the Company. The matters related to your compensation are strictly confidential between you and the Company and should be treated as such.

TRANSFERABILITY

You may be asked to work in any department or section of the Company in any capacity by either the management or the head of the department or section, and you agree to work accordingly. You may also be required to work on transfer or deputation in any other concern in which the management has any interest or any of the other branches or regional offices, anywhere in India or abroad, now existing or to be set up in future and you shall be bound to work in such concerns or at such locations.

ASSIGNMENT OF RIGHTS IN WORK

You agree that all works performed and things developed, including inventions, designs, improvements, writings, and discoveries made, during your employment and pertaining to the business conducted by the Company shall remain the exclusive property of the Company. You shall assist the Company in obtaining patents and copyrights on all such inventions, designs, improvements, writings and discoveries deemed suitable for patent and copyright by the Company, and shall execute all documents and perform all necessary actions to obtain the patents and copyrights, for the purpose of vesting the Company with full and exclusive title thereto, and protecting the Company against infringement of the patents and copyright by others.

CONCURRENT EDUCATION

You shall not, during the term of your employment with the Company, pursue any full time or part time courses in any institution/universities in India or any other foreign country, without the express approval by the company.

CONCURRENT EMPLOYMENT OR BUSINESS

You shall not engage yourself directly or indirectly in any other trade, business or occupation without obtaining the management's prior permission in writing. You shall not carry on any activity and/or commit any act prejudicial to the interests of the Company.


ATTYSEE

HDFC BANK

understand your world

MR GEORGE SIMCLAIR SAM
57 NEW STREET KARUR

KARUR 639001
TAMIL NADU INDIA

JOINT HOLDERS :

Nomination : Registered

From : 01/12/2022

To : 28/02/2023

Account Branch : ITC CENTRE ANNA SALAI
Address : 759, ITC CENTRE
ANNA SALAI,
OPP.T.V.S
City : CHENNAI 600002
State : TAMIL NADU
Phone no. : 18002026161
OD Limit : 0.00
Currency : INR
Email : SIMCLAIR.SGS@GMAIL.COM
Cust ID : 210355060
Account No : 50100559732411 OTHER
A/C Open Date : 26/09/2022
Account Status : Regular
RTGS/NEFT IFSC: HDFC0000004 MICR : 600240002
Branch Code : 4 Product Code : 113

Statement of account

Generated On: 31-Mar-2023 10:38

Generated By:
210355060

Requesting Branch Code: NET

This is a computer generated statement
not require signature.



ATTESTED

PRINCIPAL

M Kumarasamy College of Engineering,
Palavandalavam Karur - 639112



We understand your world

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57 NEW STREET KARUR

KARUR 639001
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RTGS/NEFT IFSC: HDFC0000004 MICR : 600240002
Branch Code : 4 Product Code : 113

From : 01/12/2022

To : 28/02/2023

Statement of account

Date	Description	Account No	Date	Amount	Total
18/02/23	UPI-ANBALAGAN P-ROMANANBU53@OKICICI-CNRB 0000033-304952167392-UPI	0000304952167392	18/02/23	180.00	
19/02/23	UPI-GNANASELVI S-SIMCLAIR.SGS@OKICICI-IO BA0001861-305070592242-UPI	0000305070592242	19/02/23	500.00	
19/02/23	UPI-IRCTC UTS-PAYTM-8796946@PAYTM-PYTM01 23456-341642768391-OID802190333305816	0000341642768391	19/02/23	90.00	
20/02/23	UPI-RAPIDO-RAPIDO.RZP@AXISBANK-UTIB00001 00-305125620829-UPI PAYMENT	0000305125620829	20/02/23	34.00	
20/02/23	UPI-DINESH NAGARAJAN-DINESHNVASUKI02-2@O KSBI-HDFC0001989-305188993113-UPI	0000305188993113	20/02/23	450.00	
22/02/23	POS 416021*****2245 RVSL DT - 18/02/23	0000304912122982	22/02/23		1,660.00
24/02/23	UPI-IRCTC UTS-PAYTM-8796946@PAYTM-PYTM01 23456-305566822175-OID802240335700073	0000305566822175	24/02/23	15.00	
24/02/23	UPI-JIO MOBILITY-JIO@YESBANK-YESB0000248 -305586344271-JIO20BR00090SASYU2	0000305586344271	25/02/23	121.00	
25/02/23	UPI-REDBUSIN-REDBUS.PAYU@AXISBANK-UTIB00 00000-305686443233-UPI	0000305686443233	25/02/23	577.50	
25/02/23	UPI-S VIGNESH KUMAR-VICKYVIGNESHSPARKS- 2@OKAXIS-IOBA0002053-305607212498-UPI	0000305607212498	25/02/23	200.00	
26/02/23	UPI-SWIGGY-SWIGGY@YESPAY-YESB0YESUPI-305 712872380-PAY FOR MERCHANT	0000305712872380	26/02/23	214.00	
27/02/23	UPI-R DHINAKARAN-9345575105@PAYTM-PYTM01 23456-305850863255-LUNCH	0000305850863255	27/02/23	40.00	
28/02/23	SALARY ZOHO CORPORATION PVT LTD	0000302283508847	28/02/23		
28/02/23	UPI-GNANASELVI S-SIMCLAIR.SGS@OKICICI-IO BA0001861-305962218735-UPI	0000305962218735	28/02/23	10,000.00	20,000.00
28/02/23	NWD-416021XXXXXX2245-SICWI409-KARUR	0000305917008282	28/02/23	1,000.00	

STATEMENT SUMMARY :-

Opening Balance
9,471.58

ATT 15/03/23

Cr Count
17

Debits
62,186.69

Credits
64,047.00

Closing
11.33

MR. GURGOB SIMCLAIR SAM
47 NEW STREET KARUR
KARUR 639001
TAMIL NADU INDIA
JOINT HOLDERS

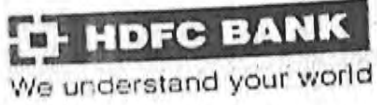
Account Branch : 759, JTC CENTRE
Address : ANNA SALAI,
OPP.T.V.S
City : CHENNAI 600002
State : TAMIL NADU
Phone no. : 18002026161
OD Limit : 0.00
Currency : INR
Email : SIMCLAIR.SGS@GMAIL.COM
Cust ID : 210355060
Account No : 50100559732411 OTHER
A/C Open Date : 26/09/2022
Account Status : Regular
RTGS/NEFT IFSC: HDFC0000004 MICR : 600240002
Branch Code : 4 Product Code : 113

Nomination Registered

Statement of account

From	To				
01/12/2022	28/02/2023				
11/02/23		UPI-MANOJ S-MANOJSAKTHI-3@OKHDFCBANK-HDFC 0000004-304290741676-UPI	0000304290741676	11/02/23	50.00
11/02/23		UPI-DINESH NAGARAJAN-DINESHINVASUKI02-1@O KICICI-HDFC0001989-340853644307-UPI	0000340853644307	11/02/23	48.00
11/02/23		UPI-DINESH NAGARAJAN-DINESHINVASUKI02-2@O KSBI-HDFC0001989-304291954985-UPI	0000304291954985	11/02/23	51.00
11/02/23		UPI-BHARANIDHARAN G SON -BHARANIDHARAN52 8@OKICICI-UBIN0903825-304225245004-UPI	0000304225245004	11/02/23	148.00
12/02/23		UPI-MANOJ S-MANOJSAKTHI-3@OKHDFCBANK-HDFC 0000004-304396768103-UPI	0000304396768103	12/02/23	7.00
12/02/23		UPI-JIO MOBILITY-JIO@YESBANK-YESB0000248 -304302133877-JIO20BR0008YMPXOHI	0000304302133877	12/02/23	395.00
12/02/23		UPI-DINESH NAGARAJAN-DINESHINVASUKI02-2@O KSBI-HDFC0001989-304304969262-UPI	0000304304969262	12/02/23	133.34
12/02/23		UPI-BSNL BILLDESK-BSNL.BILLDESK@HDFCBANK -HDFC0000499-304370613871-BSNL	0000304370613871	12/02/23	20.00
12/02/23		UPI-BHARANIDHARAN G SON -BHARANIDHARAN52 8@OKICICI-UBIN0903825-304316608288-UPI	0000304316608288	12/02/23	55.00
13/02/23		UPI-BHARANIDHARAN G SON -BHARANIDHARAN52 8@OKICICI-UBIN0903825-304422212468-UPI	0000304422212468	13/02/23	50.00
17/02/23		UPI-SUNILSOLO9538180KIC-SUNILSOLO953818 0@OKICICI-IDIB000V044-304891948935-UPI	0000304891948935	17/02/23	50.00
18/02/23		RD CLOSURE THROUGH NET BANKING - 5040029 2148121	0000000000000000	18/02/23	5,040.00
18/02/23		POS 416021XXXXXX2245 SHREE ANNAI GARM	0000304912122982	18/02/23	1,660.00
18/02/23		UPI-SHREE ANNAI GARMENTS-PAYTM-65796269@ PAYTM-PYTM0123456-304920906069-OID202302 181229160	0000304920906069	18/02/23	1,660.00
18/02/23		UPI-IRCTC UTS-PAYTM-8796946@PAYTM-PYTM01 23456-304930384169-OID802180332793394	0000304930384169	18/02/23	135.00

ATTSTED



MR GEORGE SIMCLAIR SAM
57 NEW STREET KARUR

KARUR 639001
TAMIL NADU INDIA

JOINT HOLDERS :

Nomination : Registered

Account Branch : ITC CENTRE ANNA SALAI
Address : 759, ITC CENTRE
ANNA SALAI,
OPP.T.V.S
City : CHENNAI 600002
State : TAMIL NADU
Phone no. : 18002026161
OD Limit : 0.00
Currency : INR
Email : SIMCLAIR.SGS@GMAIL.COM
Cust ID : 210355060
Account No : 50100559732411 OTHER
A/C Open Date : 26/09/2022
Account Status : Regular
RTGS/NEFT IFSC: HDFC0000004 MICR : 600240002
Branch Code : 4 Product Code : 113

From : 01/12/2022

To : 28/02/2023

Statement of account

	OBA0002868-30324424912-UPI				
02/02/23	50400292148121- RD INSTALLMENT-FEB 2023	0000000000000000	01/02/23	1,000.00	
02/02/23	UPI-MANOJ S-MANOJSAKTH@OKHDFCBANK-HDFC00 00004-303383306171-UPI	0000303383306171	02/02/23	7.00	
02/02/23	UPI-DEEPAK KUMAR S-8220187762334@PAYTM-U BIN0913081-339976636834-NA	0000339976636834	03/02/23	2,628.00	
04/02/23	UPI-SWIGGY-UPISWIGGY@ICICI-ICIC0DC0099-3 03525046524-NA	0000303525046524	04/02/23	221.00	
04/02/23	UPI-MANOJ S-MANOJSAKTH-1@OKHDFCBANK-CNR B0000033-303518465234-UPI	0000303518465234	04/02/23	160.00	
04/02/23	UPI-GEDDIT CONVENIENCE P-PAYTM-66490784@ PAYTM-PYTM0123456-340198237451-OIDGEDDIT -1A30DCVR	0000340198237451	04/02/23	294.00	
05/02/23	UPI-MANOJ S-MANOJSAKTH@OKSBI-HDFC0000004 -303680369513-UPI	0000303680369513	05/02/23	400.00	
05/02/23	UPI-BHARANIDHARAN52OKIC-BHARANIDHARAN52 S@OKICICI-UBIN0903825-303656280640-UPI	0000303656280640	05/02/23	310.00	
05/02/23	UPI-MANOJ S-MANOJSAKTH@OKSBI-HDFC0000004 -303649459665-UPI	0000303649459665	05/02/23	93.50	
07/02/23	UPI-MANOJ S-MANOJSAKTH@OKICICI-HDFC00000 04-303839249414-UPI	0000303839249414	07/02/23		105.00
07/02/23	UPI-BHARANIDHARAN G SON -BHARANIDHARAN52 S@OKICICI-UBIN0903825-303831960193-UPI	0000303831960193	07/02/23		97.00
11/02/23	UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC I-UBIN0913081-304273734755-UPI	0000304273734755	11/02/23	200.00	
11/02/23	UPI-S R M CHETTINADU UNA-PAYTM-35130157@ PAYTM-PYTM0123456-340881490308-OID202302 111322280	0000340881490308	11/02/23	534.00	
11/02/23	UPI-MANOJ S-MANOJSAKTH-3@OKHDFCBANK-HDFC 0000004-304280641432-FOOD	0000304280641432	11/02/23		286.00

ATTSTED

PRINCIPA

Shri Arasamy College

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MR GEORGE SIMCLAIR SAM
57 NEW STREET KARUR

KARUR 639001
TAMIL NADU INDIA

JOINT HOLDERS :

Nomination : Registered

Account Branch : ITC CENTRE ANNA SALAI
Address : 759, ITC CENTRE
ANNA SALAI,
OPP.T.V.S
City : CHENNAI 600002
State : TAMIL NADU
Phone no. : 18002026161
OD Limit : 0.00
Currency : INR
Email : SIMCLAIR.SGS@GMAIL.COM
Cust ID : 210355060
Account No : 50100559732411 OTHER
A/C Open Date : 26/09/2022
Account Status : Regular
RTGS/NEFT IFSC: IIDFC0000004 MICR : 600240002
Branch Code : 4 Product Code : 113

From : 01/12/2022

To : 28/02/2023

Statement of account

18/01/23	I-IOBA0001861-301817796854-UPI UPI-GEORGE SIMCLAIR S-SIMCLAIR.F4@OKICIC	0000301804136249	18/01/23		200.00	
18/01/23	I-IOBA0001861-301804136249-UPI UPI-GEORGE SIMCLAIR S-SIMCLAIR.F4@OKICIC	0000301894036457	18/01/23		23.00	
20/01/23	I-IOBA0001861-301894036457-UPI UPI-BHARANIDHARAN G SON -BHARANIDHARAN52	0000302083940024	20/01/23	7.00		
20/01/23	S@OKICICI-UBIN0903825-302083940024-UPI UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC	0000302083948513	20/01/23	7.00		
21/01/23	I-UBIN0913081-302083948513-UPI UPI-ZOMATO	0000302197827523	21/01/23	130.50		
22/01/23	LTD-ZOMATO-ORDER@PAYTM-PYTM01 23456-302197827523-ZOMATO PAYMENT UPI-MANOJ	0000302236202764	22/01/23	50.00		
22/01/23	S-MANOJSAKTH@OKHDFCBANK-HDFC00 00004-302236202764-UPI UPI-MANOJ	0000302236226170	22/01/23	153.34		
24/01/23	S-MANOJSAKTH@OKHDFCBANK-HDFC00 00004-302236226170-UPI UPI-BHARANIDHARAN G SON -BHARANIDHARAN52	0000302468276337	24/01/23	100.00		
25/01/23	8@OKICICI-UBIN0903825-302468276337-UPI UPI-RAPIDO-RAPIDO.RZP@AXISBANK-UTIB00001	0000339169235567	25/01/23	96.00		
27/01/23	00-339169235567-UPI PAYMENT POS 416021XXXXXX2245 APOLLO PHARMACY	000000000054666	27/01/23	591.00		
29/01/23	UPI-KALIAMMAL R-RAMEEEU@OKSBI-SBIN00617 66-302992554785-UPI	0000302992554785	29/01/23	150.00		
31/01/23	SALARY ZOH0 CORPORATION PVT LTD	0000301312487373	31/01/23		20,000.00	2
01/02/23	UPI-LIFE INSURANCE CORPO-LIFEINCORPOFIND IA@HDFCBANK-HDFC0000499-303244174260-PAY MENT	0000303244174260	01/02/23	593.43		1
01/02/23	UPI-GNANASELVI S-SIMCLAIR.SGS@OKICICI-IO BA0001861-303238890300-UPI	0000303238890300	01/02/23	10,000.00		
01/02/23	UPI-N DINESH-DINESHNVASUKI02-2@OKICICI-I	0000303244244912	01/02/23	2,465.40		

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KARUR 639001
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RTGS/NEFT IFSC: HDFC0000004 MICR : 600240002
Branch Code : 4 Product Code : 113

Nomination : Registered

From : 01/12/2022

To : 28/02/2023

Statement of account

02/01/23	50400292148121- RD INSTALLMENT-JAN 2023	0000000000000000	01/01/23	1,000.00
05/01/23	UPI-TANGEDCO-EASYPAY.5704@AXISBANK-UTIB0 000004-300511073506-GRT	0000300511073506	05/01/23	495.00
06/01/23	UPI-BOOBALAN A-BOOBALAN-A@PAYTM-PYTM0123 456-337213934260-ADVISOR BDAY	0000337213934260	06/01/23	60.00
06/01/23	UPI-AMAZON INDIA-AMAZON@YAPL-YESB0APLUPI -300684732423-YOU ARE PAYING FOR	0000300684732423	06/01/23	599.00
07/01/23	UPI-SELVI STORE-GPAY-11182113552@OKBIZAX IS-UTIB0000000-337301047956-NA	0000337301047956	07/01/23	46.00
07/01/23	UPI-MANOJ S-MANOJSAKTH@OKHDFCBANK-HDFC00 00004-300777059557-UPI	0000300777059557	07/01/23	191.67
07/01/23	UPI-BHARANIDHARAN G SON -BHARANIDHARAN52 8@OKICICI-UBIN0903825-300789768229-UPI	0000300789768229	07/01/23	39.00
07/01/23	UPI-MANOJ S-MANOJSAKTH@OKHDFCBANK-HDFC00 00004-300791837387-UPI	0000300791837387	07/01/23	257.00
08/01/23	UPI-BHARANIDHARAN G SON -BHARANIDHARAN52 8@OKICICI-UBIN0903825-300802023255-UPI	0000300802023255	08/01/23	113.34
10/01/23	UPI-MANOJ S-MANOJSAKTH@OKHDFCBANK-HDFC00 00004-301038616445-UPI	0000301038616445	10/01/23	116.67
13/01/23	UPI-XXXXXX1464-KVBL0001143-301306333061- NA	0000301306333061	13/01/23	200.00
14/01/23	NWD-416021XXXXXX2245-48312842-URAPAKKAM	0000301406004682	14/01/23	500.00
15/01/23	UPI-CONFIRM TICKET ONLIN-CONFIRMTKT.PAYU @INDUS-INDB0002201-301527957043-UPI TRAN SACTION	0000301527957043	15/01/23	433.00
16/01/23	UPI-SWIGGY-SWIGGY@YESPAY-YESB0YESUPI-338 264006812-PAY FOR MERCHANT	0000338264006812	16/01/23	179.00
18/01/23	UPI-GEORGE SIMCLAIR S-SIMCLAIR.F4@OKICICI	0000301817796854	18/01/23	2100.00

GEORGE SIMCLAIR SAM
NEW STREET KARUR

KARUR 639001
TAMIL NADU INDIA
JOINT HOLDERS :

Nomination : Registered

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ANNA SALAI,
OPP.T.V.S
City : CHENNAI 600002
State : TAMIL NADU
Phone no. : 18002026161
OD Limit : 0.00
Currency : INR
Email : SIMCLAIR.SGS@GMAIL.COM
Cust ID : 210355060
Account No : 50100559732411 OTHER
A/C Open Date : 26/09/2022
Account Status : Regular
RTGS/NEFT IFSC : HDFC0000004 MICR : 600240002
Branch Code : 4 Product Code : 113

From : 01/12/2022

To : 28/02/2023

Statement of account

Date	Narration	Chq./Ref.No.	Value Dt	Withdrawal Amt.	Deposit Amt.	Closing B:
01/12/22	UPI-GNANASELVI S-SIMCLAIR.SGS@OKICICI-IO BA0001861-233586549104-DRESS FOR ATHAIS	0000233586549104	01/12/22	5,000.00		
01/12/22	50400292148121- RD INSTALLMENT-DEC 2022	0000000000000000	01/12/22	1,000.00		
02/12/22	UPI-SWIGGY-SWIGGY@YESPAY-YESBOYESUPI-233 654188283-PAY FOR MERCHANT	0000233654188283	02/12/22	109.00		
05/12/22	UPI-GNANASELVI S-SIMCLAIR.SGS@OKICICI-IO BA0001861-233977408220-UPI	0000233977408220	05/12/22	2,500.00		
06/12/22	UPI-GEORGESIMCLAIR S-9487354038555@PAYTM -KVBL0001143-234059409965-NA	0000234059409965	06/12/22		2,500.00	
08/12/22	UPI-GETHZIE SPIRLEA SAM-SPIRLEAS@OKHDFCB ANK-HDFC0004140-234271436291-UPI	0000234271436291	08/12/22		7,000.00	
09/12/22	UPI-BSNL BILLDESK-BSNL.BILLDESK@HDFCBANK -HDFC0000499-234344559579-BSNL	0000234344559579	09/12/22	397.00		
09/12/22	UPI-GEORGESIMCLAIR S-SIMCLAIR.F4@OKHDFCB ANK-KVBL0001143-234380200985-UPI	0000234380200985	09/12/22	1,000.00		
10/12/22	NWD-416021XXXXXX2245-03720074-KARUR	0000234415511733	10/12/22	6,600.00		
11/12/22	UPI-MOHAMED AZARUDIN M-Q53823425@YBL-KVB L0001631-234547311151-NA	0000234547311151	11/12/22	400.00		
16/12/22	UPI-SWIGGY-UPISWIGGY@ICICI-ICIC0DC0099-2 35011196423-NA	0000235011196423	16/12/22	137.00		
20/12/22	UPI-SWIGGY-UPISWIGGY@ICICI-ICIC0DC0099-2 35445205870-FOOD	0000235445205870	20/12/22	147.00		
21/12/22	UPI-MR S M HARIHARAN-SMHARIHARAN002@OKHD FCBANK-IDIB000K027-235579965257-UPI	0000235579965257	21/12/22	200.00		
22/12/22	UPI-MR S M HARIHARAN-SMHARIHARAN002@OKIC ICI-IDIB000K027-235603874546-UPI	0000235603874546	22/12/22		200.00	
23/12/22	POS 416021XXXXXX2245 RAVIS SMART SHOP	0000235719986374	23/12/22	245.00		
30/12/22	SALARY ZOH0 CORPORATION PVT LTD	0000212308275637	30/12/22		6,452.00	
31/12/22	NWD-416021XXXXXX2245-CUB02221-CUDDALORE	0000236518998396	31/12/22	500.00		
01/01/23	CREDIT INTEREST CAPITALISED	0000000000000000	01/01/23		31.00	

[Signature]
66
PRINCIPAL

Letter of Intent (LOI)

Superset ID: 2858789

Date: November 25, 2022

Dear GEORGE SIMCLAIR SAM,

We are immensely glad to extend a hearty welcome to you to our Cognizant family.

This LOI refers to your application for employment with Cognizant Technology Solutions India Private Limited ("Cognizant") and subsequent discussions. Basis the information and representation provided by you, we have found you suitable for the GenC Elevate role and your designation will be **Programmer Analyst Trainee**. Upon final scrutiny, a formal full-time employment Offer Letter with the compensation, terms and conditions, rules, regulations & policies ("**Employment Agreement**") will be issued, and such Employment Agreement shall be subject to and be effective only upon your successful completion of the full-time internship program or Cognizant identified training programs as opted by you or mandated by Cognizant and background verification. You will have an opportunity to opt for a full-time internship with stipend during your final semester and terms and conditions governing such full-time internship program shall be detailed in the Intern Offer Letter.

It is hereby clarified that participation in this full-time internship program or Cognizant identified training programs shall not deem to constitute you to be an employee of Cognizant and the scope of this full-time internship program or Cognizant identified training programs does not include any supervisory responsibilities and that there is no agency, fiduciary or employer-employee relationship intended or created by reason of this LOI.

During this full-time internship program or Cognizant identified training programs, you shall not be entitled for any benefits paid or made available to Cognizant's full-time employees.

Upon your successfully completion of full-time internship program or Cognizant identified training programs, completion of background verification and being onboarded as an employee under a definitive Employment Agreement, your annual total remuneration shall be **INR 4,01,988/- per annum**. You are also eligible for a One-time Skill Bonus* of **INR 25,000/-**. The detailed information on compensation and benefits will be provided in your full-time employment Offer Letter.

***One-time Skill Bonus** will be based on the technical competency demonstrated thru skill-based assessment, Interview and full-time Internship / Cognizant identified training programs.

This LOI expresses only our intent to enable you participate in the full-time internship program or such Cognizant identified training programs as opted by you or as mandated by Cognizant, and there upon successful completion of the training which brings eligibility to receive a definitive Employment Agreement, subject to completion of hiring formalities, background verification and procedures. Cognizant has zero tolerance towards malpractice in any form and reserves all rights with respect to hiring decisions and issue of full-time Offer. This document is only a letter of intent and does not constitute any contractual relationship between you and Cognizant. Cognizant holds all rights to withhold or cancel this LOI and/or the Intern / Full-time employment Offer Letter due to non-conformance of performance benchmark or moral code of conduct.

Code of Conduct : You shall comply with Cognizant's Core Values and Standards of Business Conduct, located at and incorporated herein by reference. <https://www.cognizant.com/us/en/documents/code-of-ethics.pdf>

This LOI from Cognizant is valid for 1 week - 7 calendar days, from the date of the LOI. Hence, you are requested to accept or decline the LOI within 1 week from the date of the LOI. In case we do not receive any response from your end within the aforementioned time period, this LOI shall stand withdrawn, and will be considered as void. Any extension to the LOI validity will be at the sole discretion of Cognizant. Please note that this LOI is not deemed to be considered as an employment contract or offer letter for purposes of joining Cognizant as an employee. For all onboarding formalities, the definitive Employment Agreement is required.

Upon accepting this LOI, you hereby consent for Cognizant Technology Solutions India Private Limited to receive the personal information and/or sensitive personal information ('Personal Information') submitted by you for background verification and share the same with its empaneled vendors located in India for conducting mandatory background checks for employment opportunities with Cognizant.

For further queries, related to Letter of Intent (LOI), please raise a request by clicking "Raise a Query" button in the below link. Use Superset ID as Candidate ID and choose Category as Letter of Intent (LOI).
<https://campus2cognizant.cognizant.com/Pages/Prelogin>

GenC HR Team will reach out to you over email to guide you on the next steps.
Thank you for the interest and stay tuned to hear from us.

Yours sincerely,

For Cognizant Technology Solutions India Pvt. Ltd.

Maya Sreekumar
Vice President - Human Resources



ATTESTED

PRINCIPAL

Kumarasamy College of Engineering
Dudhalaipalayam, Karaikal - 634112

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ANNEXURE B

The Company currently provides the following benefits to an employee:

GIFT CARD AMOUNT

You will be paid an amount of **Rs.6000/- (RUPEES SIX THOUSAND ONLY)** once in a year towards your broadband connection. For the new comers, it is applicable from their date of joining. For the first year the amount will be pro-rated based on the joining date.

TRANSPORTATION FACILITY

For safety and security reasons, the Company provides transportation facilities, including but not limited to shuttle services and cab services. However, Company does not recommend daily long commute to work. This offer is based on the assumption that you will move to a distance within 5-10 km of the office premises.

DEVICES AND GADGETS

Company provides essential devices and gadgets for all its employees strictly for official purpose. However, what is essential (in most cases) is not the latest model device or gadget. We do not view the device or gadget as a status symbol or a fashion accessory but as an essential tool to get work done. Expecting the latest model device or gadget as a status symbol is most likely going to leave you disappointed. So please be prepared.

FOOD AND SNACKS

Company provides food, snack and other refreshment for all its employees.

RECREATIONAL FACILITY

Company provides certain recreational facilities to its employees of which some are offered at a nominal charge.

TEAM TREAT AND TRIP

To improve the team collaboration, the company provides **Rs.1000/- (RUPEES ONE THOUSAND ONLY)** for team treat and **Rs.4000/- (RUPEES FOUR THOUSAND ONLY)** for team trip to all its eligible employees, every year.

GROUP MEDICLAIM INSURANCE

Company will bear the full premium of covering you under the Group Mediclaim policy for a sum insured of **Rs.500000/- (RUPEES FIVE LAKH ONLY)**. This is a floater policy where five of your dependents will also be covered along with you.

GROUP PERSONAL ACCIDENT INSURANCE

You will be covered under the Personal Accident Insurance Scheme, for a sum insured of **Rs.2000000/- (RUPEES TWENTY LAKH ONLY)**.

GROUP TERM LIFE INSURANCE

As a welfare measure for its employees, the company has subscribed to the Group Term Life Insurance. The insurance coverage is worth of **Rs.3000000/- (RUPEES THIRTY LAKH ONLY)**.

Please note that the above mentioned Insurance schemes are subject to change based on yearly renewal

ATTESTED

ANNEXURE A

NAME : GEORGE SIMCLAIR SAM
DESIGNATION : MEMBER TECHNICAL STAFF

Details	Monthly	Annual
Basic	20000	240000
HRA	10000	120000
Other Allowance & Flexible component	17600	211200
Gross Salary	47600	571200
Employer Provident Fund (12% of Basic+TA)*	2400	28800
Cost To Company (CTC)	50000	600000
Prosperity Sharing Plan		100000
Compensation for the first year		700000

* You will be covered under the Company's Provident Fund Scheme from the date of joining the organization. Under this scheme, the company will contribute 12% of your basic salary per month as employer contribution and an equal amount will be deducted from your salary as your contribution towards the fund.

OTHER BENEFITS:

PROSPERITY SHARING PLAN

PSP (Prosperity Sharing Plan) is a one time bonus scheme derived based on company's productivity. Every year during April or May, we will decide on extending this scheme to our confirmed employees after reviewing the company's growth and productivity. Upon confirmation, you may qualify for the above mentioned PSP amount subject to scheme existence for that year. Please note, the quantum mentioned above is only an indicative figure and is subject to change based on your performance as determined by your manager.

GRATUITY

Gratuity will be payable as per the Gratuity Act, upon separation from the company, subject to completion of minimum five years of employment with Zoho.


ATTESTED

PRINCIPAL

Kumarasamy College of Engineering
Chalavapalavam Karu - 630112



VALIDITY

This offer of employment is enclosed with some of our important policies. You are requested to download, read, understand and sign the documents on or before **16-Oct-2022**. Your signature indicates your acceptance of the terms and conditions of this employment.

Upon submitting your acceptance, you will be asked to provide a tentative date of joining in the personal details form. However, closer to the actual date of joining you will receive a confirmation e-mail from us.

The matters related to your compensation are strictly confidential between you and the company and should be treated as such.

I am sure you will find this offer very exciting and I, on behalf of Zoho, assure you of a very rewarding career in our organization.

With best wishes,

Yours sincerely,
For ZOHO CORPORATION PRIVATE LIMITED

M.I.Sohail
Manager - HR & Global Operations

I hereby confirm that I have read, understood and accepted the offer, agreement and the company policies.

Signature:		Date of Offer acceptance:	16 Sep 2022
Name :	George Simclair Sam	Place :	KARUR

ATTESTED

PRINCIPAL,
Kumarasamy College of Engineering
Palavuppalavam Karur - 630112



NON-COMPETE

You shall not, during the term of your employment with the Company and for a period of 1 (one) year after termination of employment, either directly or indirectly own, invest in, direct, aid or work, in any capacity, including as full/part time employee, consultant or advisor for any Competitor or SI Partner of the Company.

A "Competitor" is a concern engaged in developing Computer Programs similar to the Software products or services developed and marketed by the Company or any of its Affiliated Companies. An "SI Partner" is a concern which the Company or its Affiliated Companies has appointed as a partner for providing services to Customers based on products or technology owned by the Company or Affiliated Companies.

TERMINATION

Termination at will: This employment agreement is terminable at will by either party.

Termination for misconduct: You agree that the Company may terminate this Contract without notice and without payment in lieu of notice in any of the following events:

1. If any declaration/document given or furnished by you to the Company proves to be false; or if you are found to have wilfully suppressed any material information;
2. If you are found guilty of misconduct, disobedience or of conduct that tends to bring disrespect to the company;
3. If you are found to be in breach of any of your obligations under the terms and conditions of employment;
4. If you are found to have disclosed any confidential information of the Company, its Affiliated Companies or customers of the Company and Affiliated Companies;
5. If you have violated the Company's policies;
6. If the result of any reference or background check is unsatisfactory;
7. If you are found to be under the influence/possession of alcohol/drugs inside the office premises;
8. Your access cards are not transferable. If it is found to be mishandled for any proxy attendance;

Termination for any of the reasons stated above may be notified to the person(s) whose reference was submitted by you and the Company will not be liable to give you any prior notice nor pay any compensation in lieu of a notice period.

NON-SOLICITATION

You agree that for a period of six months after termination or expiration of your employment with the Company, regardless of the reason for termination or expiration, you shall not directly or indirectly, solicit for employment, or advise or recommend to any other person that they employ or solicit for employment, any person employed at that time by the Company, or by any Affiliated Company.

AMENDMENT OF TERMS AND CONDITIONS OF EMPLOYMENT

The Company may amend the terms and conditions set forth herein from time to time and you agree to be bound by such amended terms and conditions of employment .

GOVERNING LAW AND JURISDICTION

The terms and conditions of this Letter of Offer of Employment are governed by the laws of India. All disputes arising out of your employment with the Company or involving the terms and conditions of this Agreement will be subject to the exclusive jurisdiction of the courts in Chennai, India.

ATTESTED

PRINCIPAL

M. Humarasamy College of Engineering
Chennai



Zoho Corporation Private Limited

Plot 140, 151, Estancia IT Park, Vallancheri,
Chengalpattu District, Tamilnadu, 603 202.

Ph: +91 - 44 - 6744 7070

www.zohocorp.com

SEZ Unit

Date: 25-Oct-2022

To

Mr. DEEPAK KUMAR S,
141, KARUPPAMPALAYAM(WEST),
VANGAL(PO), MANMANGALAM,
KARUR-639116, TAMIL NADU.

Dear Mr. DEEPAK KUMAR S,

OFFER OF EMPLOYMENT

We are pleased to offer you employment for the position **MEMBER TECHNICAL STAFF** with **ZOHO CORPORATION PRIVATE LIMITED**.

INTERNSHIP AND STIPEND

You are expected to do the final semester project of your curriculum in our organization. We expect you to work on the project on a full time basis for a period of 5-6 months. During this period you will be paid a monthly stipend of **Rs.20000/- (RUPEES TWENTY THOUSAND ONLY)**. The following offer is valid, subject to successful completion of your project.

(Note: The above may not apply to you if your college does not permit internships)

REMUNERATION

Your annual Cost to Company will be **Rs.600000/- (RUPEES SIX LAKH ONLY)**. The break-up of your gross salary and information specific to bonus and gratuity are set out in Annexure A. Salary will be paid by the last day of each month. All additional benefits that Zoho currently provides employees are set out in Annexure B.

DATE OF JOINING

Your date of appointment is effective from your date of joining after successful completion of your curriculum.

PROBATION

You will be on probation, at a minimum, until completion of the performance review cycle that immediately follows completion of six months from your date of joining, provided that your performance is determined to be satisfactory. If your performance is not satisfactory, your probation may be extended until your performance is determined to be satisfactory. Upon completion of the probation period you will be confirmed on the rolls of the company.

SALARY REVISION

Revision to your compensation will be after one year from the date of joining, subject to satisfactory completion of the probation by you. Zoho operates a Pay-for-performance Policy and any salary revision will take your performance into account.

ATTESTED

PRINCIPAL,

M. Kumarasamy College of Engineering
"Balavanalavam Karur - 639112"

ADHERENCE TO POLICIES

During your employment with the Company you shall adhere to all policies of the Company including IT Services, Acceptable Use Policy, Acceptable Encryption Policy, Email Policy, Extranet Policy, Information Sensitivity Policy, Password Policy, Remote Access Policy, Virtual Private Network Policy and such policies as may be decided by the Company from time to time. The Company may amend these policies from time to time and you agree to be bound by such subsequent versions of the policies. The Company will communicate important information about its policies by way of electronic mail notification and/or the Company's intranet. The policies are incorporated into the terms and conditions of employment by this reference.

CONFIDENTIALITY

Information you have access to during the course of your employment are confidential and proprietary information of the Company, its Affiliated Companies and customers. "Affiliated Companies" means Zoho Corporation Private Limited and any entity in which the management of Zoho or the company has substantial interest. You agree not to disclose such information other than on a need-to-know basis. In this regard, you agree to observe in good faith your obligations under the Agreement Regarding Confidential Information and Proprietary Developments, a copy of which is included with this Letter of Offer of Employment for your reference and which will be executed separately by you upon joining the Company. The matters related to your compensation are strictly confidential between you and the Company and should be treated as such.

TRANSFERABILITY

You may be asked to work in any department or section of the Company in any capacity by either the management or the head of the department or section, and you agree to work accordingly. You may also be required to work on transfer or deputation in any other concern in which the management has any interest or any of the other branches or regional offices, anywhere in India or abroad, now existing or to be set up in future and you shall be bound to work in such concerns or at such locations.

ASSIGNMENT OF RIGHTS IN WORK

You agree that all works performed and things developed, including inventions, designs, improvements, writings, and discoveries made, during your employment and pertaining to the business conducted by the Company shall remain the exclusive property of the Company. You shall assist the Company in obtaining patents and copyrights on all such inventions, designs, improvements, writings and discoveries deemed suitable for patent and copyright by the Company, and shall execute all documents and perform all necessary actions to obtain the patents and copyrights, for the purpose of vesting the Company with full and exclusive title thereto, and protecting the Company against infringement of the patents and copyright by others.

CONCURRENT EDUCATION

You shall not, during the term of your employment with the Company, pursue any full time or part time courses in any institution/universities in India or any other foreign country, without the express approval by the company.

CONCURRENT EMPLOYMENT OR BUSINESS

You shall not engage yourself directly or indirectly in any other trade, business or occupation without obtaining the management's prior permission in writing. You shall not carry on any activity and/or commit any act prejudicial to the interests of the Company.



ATTESTED

NON-COMPETE

You shall not, during the term of your employment with the Company and for a period of 1 (one) year after termination of employment, either directly or indirectly own, invest in, direct, aid or work, in any capacity, including as full/part time employee, consultant or advisor for any Competitor or SI Partner of the Company.

A "Competitor" is a concern engaged in developing Computer Programs similar to the Software products or services developed and marketed by the Company or any of its Affiliated Companies. An "SI Partner" is a concern which the Company or its Affiliated Companies has appointed as a partner for providing services to Customers based on products or technology owned by the Company or Affiliated Companies.

TERMINATION

Termination at will: This employment agreement is terminable at will by either party.

Termination for misconduct: You agree that the Company may terminate this Contract without notice and without payment in lieu of notice in any of the following events:

1. If any declaration/document given or furnished by you to the Company proves to be false; or if you are found to have wilfully suppressed any material information;
2. If you are found guilty of misconduct, disobedience or of conduct that tends to bring disrespect to the company;
3. If you are found to be in breach of any of your obligations under the terms and conditions of employment;
4. If you are found to have disclosed any confidential information of the Company, its Affiliated Companies or customers of the Company and Affiliated Companies;
5. If you have violated the Company's policies;
6. If the result of any reference or background check is unsatisfactory;
7. If you are found to be under the influence/possession of alcohol/drugs inside the office premises;
8. Your access cards are not transferable. If it is found to be mishandled for any proxy attendance;

Termination for any of the reasons stated above may be notified to the person(s) whose reference was submitted by you and the Company will not be liable to give you any prior notice nor pay any compensation in lieu of a notice period.

NON-SOLICITATION

You agree that for a period of six months after termination or expiration of your employment with the Company, regardless of the reason for termination or expiration, you shall not directly or indirectly, solicit for employment, or advise or recommend to any other person that they employ or solicit for employment, any person employed at that time by the Company, or by any Affiliated Company.

AMENDMENT OF TERMS AND CONDITIONS OF EMPLOYMENT

The Company may amend the terms and conditions set forth herein from time to time and you agree to be bound by such amended terms and conditions of employment .

GOVERNING LAW AND JURISDICTION

The terms and conditions of this Letter of Offer of Employment are governed by the laws of India. All disputes arising out of your employment with the Company or involving the terms and conditions of this Agreement will be subject to the exclusive jurisdiction of the courts in Chennai, India.

ATTESTED

PRINCIPAL

M. Kumarasamy College of Engineering

VALIDITY

This offer of employment is enclosed with some of our important policies. You are requested to download, read, understand and sign the documents on or before 24-Nov-2022. Your signature indicates your acceptance of terms and conditions of this employment.

Upon submitting your acceptance, you will be asked to provide a tentative date of joining in the personal details form. However, closer to the actual date of joining you will receive a confirmation e-mail from us.

The matters related to your compensation are strictly confidential between you and the company and should be treated as such.

I am sure you will find this offer very exciting and I, on behalf of Zoho, assure you of a very rewarding career in our organization.

With best wishes,

Yours sincerely,
For ZOHO CORPORATION PRIVATE LIMITED



M.I.Sohail
Manager - HR & Global Operations

I hereby confirm that I have read, understood and accepted the offer, agreement and the company policies.

Signature: 
Name: DEEPAK KUMAR

Date of Offer acceptance: 25 Oct 2022
Place: KARUR



ATTESTED

PRINCIPAL
M. Kumarasamy College of Engineering
Palayapalayam, Karur-639112



ANNEXURE A

NAME : DEEPAK KUMAR S
DESIGNATION : MEMBER TECHNICAL STAFF

Details	Monthly	Annual
Basic	20000	240000
HRA	10000	120000
Other Allowance & Flexible component	17600	211200
Gross Salary	47600	571200
Employer Provident Fund (12% of Basic+TA)*	2400	28800
Cost To Company (CTC)	50000	600000
Prosperity Sharing Plan		100000
Compensation for the first year		700000

* You will be covered under the Company's Provident Fund Scheme from the date of joining the organization. Under this scheme, the company will contribute 12% of your basic salary per month as employer contribution and an equal amount will be deducted from your salary as your contribution towards the fund.

OTHER BENEFITS:

PROSPERITY SHARING PLAN

PSP (Prosperity Sharing Plan) is a one time bonus scheme derived based on company's productivity. Every year during April or May, we will decide on extending this scheme to our confirmed employees after reviewing the company's growth and productivity. Upon confirmation, you may qualify for the above mentioned PSP amount subject to scheme existence for that year. Please note, the quantum mentioned above is only an indicative figure and is subject to change based on your performance as determined by your manager.

GRATUITY

Gratuity will be payable as per the Gratuity Act, upon separation from the company, subject to completion of minimum five years of employment with Zoho.

ATTENDED

PRINCIPAL,
M. Kumarasamy College of Engineering
*halavapalavam Karur-639112

ANNEXURE B

The Company currently provides the following benefits to an employee:

GIFT CARD AMOUNT

You will be paid an amount of Rs.6000/- (RUPEES SIX THOUSAND ONLY) once in a year towards your broadband connection. For the new comers, it is applicable from their date of joining. For the first year the amount will be pro-rated based on the joining date.

TRANSPORTATION FACILITY

For safety and security reasons, the Company provides transportation facilities, including but not limited to shuttle services and cab services. However, Company does not recommend daily long commute to work. This offer is based on the assumption that you will move to a distance within 5-10 km of the office premises.

DEVICES AND GADGETS

Company provides essential devices and gadgets for all its employees strictly for official purpose. However, what is essential (in most cases) is not the latest model device or gadget. We do not view the device or gadget as a status symbol or a fashion accessory but as an essential tool to get work done. Expecting the latest model device or gadget as a status symbol is most likely going to leave you disappointed. So please be prepared.

FOOD AND SNACKS

Company provides food, snack and other refreshment for all its employees.

RECREATIONAL FACILITY

Company provides certain recreational facilities to its employees of which some are offered at a nominal charge.

TEAM TREAT AND TRIP

To improve the team collaboration, the company provides Rs.1000/- (RUPEES ONE THOUSAND ONLY) for team treat and Rs.4000/- (RUPEES FOUR THOUSAND ONLY) for team trip to all its eligible employees, every year.

GROUP MEDICLAIM INSURANCE

Company will bear the full premium of covering you under the Group Medclaim policy for a sum insured of Rs.500000/- (RUPEES FIVE LAKH ONLY). This is a floater policy where five of your dependents will also be covered along with you.

GROUP PERSONAL ACCIDENT INSURANCE

You will be covered under the Personal Accident Insurance Scheme, for a sum insured of Rs.2000000/- (RUPEES TWENTY LAKH ONLY).

GROUP TERM LIFE INSURANCE

As a welfare measure for its employees, the company has subscribed to the Group Term Life Insurance. The insurance coverage is worth of Rs.3000000/- (RUPEES THIRTY LAKH ONLY).

Please note that the above mentioned Insurance schemes are subject to change based on yearly renewal

ATTESTED

PRINCIPAL

Kumarasamy College of Engineering
Chalvanpalayam Karur-639113



Saturday, 22nd October, 2022

JOB OFFER LETTER

DEEPAK KUMAR S
No.141, Karuppampalaym(West),
Vangal(Po), Manmangalam(Tk),
Karur - 639 116.

Dear Deepak Kumar,

With reference to the discussions we had with you, we are pleased to offer you the job offer with the role of "Developer - Trainee" in Mallow Technologies Private Limited.

Your Annual CTC will be **INR.4,20,000/-**. The detailed pay structure is presented in **Annexure A**.

Your appointment will be governed by the terms and conditions of the employment presented in **Annexure B**. You will also be governed by the rules, regulations and practices in vogue and those that may change from time to time.

Please note:

- This appointment is subject to satisfactory professional reference checks.
- This offer is valid provided you complete our training and your degree course in this academic year 2022-2023.
- The notice period for both the company and you is 65 working days.

We look forward to your joining with us. If you have any clarifications or questions, please feel free to contact us. Kindly let us know your acceptance of the offer by replying to the email on or before **Friday, 28th October 2022**.

PRINCIPAL

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Kumarasamy College of Engineering
Palavapalayam Karur - 639112



Annexure A
SALARY DISTRIBUTION

Name : DEEPAK KUMAR S
Designation : Developer - Trainee

Particulars	Monthly (Rs.)	Annual (Rs.)
Basic	9,774	1,17,288
House Rent Allowance	3,910	46,920
Mobile/Internet Reimbursement*	1,000	12,000
Special allowance	17,896	2,14,752
RETIRALS		
Company's Contribution of PF	1,800	21,600
Gratuity		5,640
Health Insurance		1,800
Total CTC	34,380	4,20,000

* Receipts are required to claim tax benefits.

Retirement Benefits:

Provident Fund

You are covered under the Employee Provident Fund from your date of joining the organisation as an employee. Under this scheme, the company will contribute an amount per month as employer contribution as per the provisions of the said Act. An equal amount will be deducted from your salary as your contribution towards the fund.

Gratuity

You will be entitled to gratuity as per the provisions of the Gratuity Act, 1972.

ATTESTED

PRINCIPAL

*** Kumarasamy College of Engineering**
"Indheppalayam Karur - 639117"

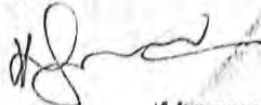
Health Insurance:

After completing the probation period at our company, You and your family(Spouse/Children) will be eligible for the Employee's Group Health insurance scheme (ICICI Lombard) for a sum insured of ₹ 3 Lakhs per annum.

Annexure B

The terms and conditions for your Training/Project internship are listed below:

1. Candidate's have to arrange their own and good working condition laptop during the training period. However during project internship, Laptop will be provided by company.
2. There will be 3 months training period followed by the project internship based on your availability. During the training period, you will be provided with assignments that has to be done and submitted by you. These assignments will help you develop a solid understanding of the platform fundamentals you will be working on in the future. With the support of a well-defined process, curated materials, and professional advice, you can accomplish the assignments and tasks.
3. The working model will be hybrid during the training period. You will have the weekly assessment during the training period. Based on your performance, you may be informed to come to the office regularly.
4. Upon completion of training, an interview will be scheduled to evaluate the skills that you have learned in your training period. Clearing that interview will be considered as successful completion of the training.
5. If you cannot complete the training successfully, you may be given another chance by extending your training period for genuine reasons.
6. On successfully completing the training, you will be absorbed as a project intern or Developer-Trainee based on your academic completion.
7. During the project internship, candidates should come to the office regularly, and as said above, the company will provide laptop.
8. During Project Internship, you will be provided with a stipend of INR.15,000/Month based on the number of days available for the work. But there won't be any stipend provided to candidates during training. Candidates should cover all their expenses including travel, food and accommodation during training period.



PRINCIPAL

Kumarasamy College of Engineering
"Innovation in Education"
"Innovation in Education"
"Innovation in Education"



Mallow Technologies

Private Limited
Coimbatore & Karur

9. We do not provide projects for individual students (final year). However, the students can generate a report or document about their training/project internship in our company to be submitted as their final report.
10. The working days are from Monday to Saturday and the working hours are from 9.00 AM to 6.00 PM with a lunch and Tea break of 1 hour. The first Saturday of every month will be a Holiday during your training/project internship period.
11. You will be allowed a leave of 1 day per month – including sick leave and personal leave during training and project internship.
12. Your performance in the training and project internship will also be taken into account in deciding your ability and further decisions.

The terms and conditions for your appointment are listed below:

1. Once appointed as an employee, you will be under probation, and upon successful completion of six months of probation your employment will be evaluated.
2. The working days are from Monday to Saturday during your probation period. The first Saturday of every month will be a Holiday during your probation period.
3. After successfully completing the probation period, working days are from Monday to Friday.
4. The list of holidays for every calendar year will be provided before the start of the year.
5. Our usual performance cycle will be in April, and you will be considered for salary revision after completing one year as employee with us.
6. The employees should put their best effort during business hours for the betterment of the Company. The Company encourages the employees to complete their responsibilities within office hours. The office timing will be 9.00 AM to 6.00 PM with a lunch and Tea break of 1 hour. However, working hours may be extended for individuals to complete their tasks as planned.
7. You will be allowed a leave of 1.5 days per month – including sick leave, personal leave and vacation. The unused leaves can be forwarded only to the next five months. Absence over and above the allowed leave will lead to loss of pay. Unapproved absence may lead to job termination.
8. During your employment with us, you are not allowed to engage in other business/employment directly or indirectly.
9. You will retire from the services of the Company on reaching your 58th birthday as per the proof of age submitted by you at the time of joining.

ATTESTED

PRINCIPAL

Government College of Engineering
Karur - 630117



Mallow Technologies

Private Limited
Coimbatore & Karur

10. The acceptance of this offer implies you are bound by all the rules and regulations of the company.

General Terms:

1. The confidential details about the company's business and its data that are known to you are to be maintained secretly, and they should not be divulged or discussed with anyone other than the authorised person in the company. You are required to sign a non-disclosure agreement, which aims to protect the intellectual property rights and business information of Mallow Technologies Private Limited and its clients.
2. You are expected to maintain good conduct in and out of the office and maintain the Company's dignity, failing which may lead to disciplinary action and may result in a termination of your Job.

Regards,
HR Team
Mallow Technologies Private Limited

ATTESTED

PRINCIPAL

Thiruvengadam College of Engineering
Thalavayam Karur - 639112

MR DEEPAK KUMAR S
30 3RD MAIN ROAD
SAKTHISRI NAGAR
KEELMARUVATHUR
KANCHEEPURAM 603319
TAMIL NADU INDIA

JOINT HOLDERS :

Account Branch : GUDUVANCHERY
Address : 1ST FLOOR, DIYA TOWERS,
NGO COLONY, GST ROAD,
OPP. ARUNACHALA KALYANA MANDAPAM,
CHENNAI 603202
City : TAMIL NADU
State : 18002026161
Phone no. : 0.00
OD Limit : INR
Currency : DEEPAK18102001@GMAIL.COM
Email : *****
Cust ID : 50100555832432 OTHER
Account No : 04/11/2022
A/C Open Date : Regular
Account Status : RTGS/NEFT IFSC: HDFC0003760 MICR : 600240113
Branch Code : 3760 Product Code : 113

Nomination : Registered

From : 30/11/2022

To : 28/02/2023

Statement of account

Date	Narration	Chq./Ref.No.	Value Dt	Withdrawal Amt.	Deposit Amt.	Closing Balance
30/11/22	SALARY ZOHO CORPORATION PVT LTD	0000211306977462	30/11/22		19,333.00	19,333
30/11/22	UPI-BHARANIDHARAN G SON -BHARANIDHARAN52 8@OKICICI-NA-233427266989-REMAINING	0000233427266989	30/11/22	300.00		19,033
30/11/22	UPI-BHARANIDHARAN G SON -BHARANIDHARAN52 8@OKICICI-NA-233427276316-REMAINING	0000233427276316	30/11/22	2,130.00		16,903
30/11/22	UPI-BHARANIDHARAN G SON -BHARANIDHARAN52 8@OKICICI-NA-233427284299-RENT	0000233427284299	30/11/22	2,055.00		14,848
30/11/22	UPI-GOPIKRISHNAA M-9361244542@PAYTM-NA-2 33427288605-FIVE HUNDRED	0000233427288605	30/11/22	500.00		14,348
02/12/22	UPI-BHARANIDHARAN G SON -BHARANIDHARAN52 8@OKICICI-NA-233631450367-TICKET	0000233631450367	02/12/22	850.00		13,498
03/12/22	UPI-BALAJI RAVI-KINGBALAJI004-1@OKAXIS-N A-233732243201-TICKET	0000233732243201	03/12/22	100.00		13,398
08/12/22	UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC I-NA-234243591900-SELF	0000234243591900	08/12/22	13,000.00		398
23/12/22	UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC I-NA-235771493559-SELF	0000235771493559	23/12/22	30.00		368
26/12/22	UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC I-NA-236075364583-BILL	0000236075364583	26/12/22	205.00		163
26/12/22	UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC I-NA-236075480165-SELF	0000236075480165	26/12/22	100.00		63
30/12/22	SALARY ZOHO CORPORATION PVT LTD	0000212308275524	30/12/22		4,516.00	4,579
30/12/22	RD BOOKED/INSTALLMENT PAID - 50400300590 181:DEEPAK KUMAR S	0000000000000000	30/12/22	1,000.00		3,579
31/12/22	UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC I-NA-236583744596-RENT	0000236583744596	31/12/22	2,466.00		1,113
01/01/23	CREDIT INTEREST CAPITALISED	0000000000000000	31/12/22			1,123
03/01/23	UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC I-NA-300389351925-SELF	0000300389351925	03/01/23	600.00	10.00	523
13/01/23	UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC	0000301310480457	13/01/23	200.00		323

HDFC BANK LIMITED

ATTESTED

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Closing balance includes funds earmarked for hold and uncleared funds. Contents of this statement will be considered correct if no error is reported within 30 days of receipt of statement. The address on this statement is subject to change without notice.

MR DEEPAK KUMAR S
30 3RD MAIN ROAD
SAKTHISRI NAGAR
KEELMARUVATHUR
KANCHEEPURAM 603319
TAMIL NADU INDIA
JOINT HOLDERS :

Nomination : Registered

Account Branch : GUDUVANCHERY
Address : 1ST FLOOR, DIYA TOWERS,
NGO COLONY, GST ROAD,
OPP. ARUNACHALA KALYANA MANDAPAM,
CHENNAI 603202
City : CHENNAI 603202
State : TAMIL NADU
Phone no. : 18002026161
OD Limit : 0.00
Currency : INR
Email : DEEPAK18102001@GMAIL.COM
Cust ID : *****
Account No : 50100555832432 OTHER
A/C Open Date : 04/11/2022
Account Status : Regular
RTGS/NEFT IFSC : HDFC0003760 MICR : 600240113
Branch Code : 3760 Product Code : 113

From : 30/11/2022

To : 28/02/2023

Statement of account

Date	Description	Dr	Cr	Balance
	I-NA-301310480457-SELF			
16/01/23	UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC	0000301615651969	16/01/23	200.00
	I-NA-301615651969-SELF			123.00
16/01/23	SALARY ZOH0 CORPORATION PVT LTD	0000301312487486	31/01/23	20,000.00
01/02/23	50400300590181- RD INSTALLMENT-JAN 2023	0000000000000000	31/01/23	1,000.00
01/02/23	UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC	0000303244958788	01/02/23	2,465.00
	I-NA-303244958788-SELF			16,658.00
02/02/23	UPI-AMAZON INDIA-AMAZON@YAPL-YESB0APLUPI -303393438337-YOU ARE PAYING FOR	0000303393438337	02/02/23	13,140.00
				3,518.00
04/02/23	UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC	0000303582631395	04/02/23	4,000.00
	I-UBIN0913081-303582631395-UPI			7,518.00
04/02/23	UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC	0000303553875581	04/02/23	5,000.00
	I-NA-303553875581-SELF			2,518.00
08/02/23	UPI-DEEPAK KUMAR S-DEEPAK18102001@OKICIC	0000303962965369	08/02/23	2,500.00
	I-NA-303962965369-SELF			18.00
28/02/23	SALARY ZOH0 CORPORATION PVT LTD	0000302283508956	28/02/23	20,000.00
				20,018.00
01/03/23	50400300590181- RD INSTALLMENT-FEB 2023	0000000000000000	28/02/23	1,000.00
				19,018.00

STATEMENT SUMMARY :-

Opening Balance
0.00

Dr Count
21

Cr Count
6

Debits
48,841.00

Credits
67,859.00

Closing Bal
19,018.00

Generated On: 31-Mar-2023 09:40

Generated By:
206873357

Requesting Branch Code: NET

[Signature]
ATTESTED

This is a computer generated statement and does not require signature.

PRINCIPAL,
Kumarasamy College of Engineering
Kavalanpalavam Kara-639112

Summer internship (At the campus)

Incubation <incubation-hr@zohocorp.com>

12 July 2022 at 14:56

To: yadheen7598 <yadheen.7598@gmail.com>, rsivaranjani146 <rsivaranjani146@gmail.com>, kajithv4 <kajithv4@gmail.com>, deepak18102001 <deepak18102001@gmail.com>, muthukavin2430 <muthukavin2430@gmail.com>, akrajkumarbtech <akrajkumarbtech@gmail.com>, dineshnvasuki02 <dineshnvasuki02@gmail.com>, pk740879 <pk740879@gmail.com>, vcwithun24 <vcwithun24@gmail.com>, sms8122667010 <sms8122667010@gmail.com>, mukilanmano77 <mukilanmano77@gmail.com>, manisha19502 <manisha19502@gmail.com>, dineshkumarcs001 <dineshkumar.cs001@gmail.com>, jagadeeshjagadeesh2002 <jagadeeshjagadeesh2002@gmail.com>, vissamyraj <vissamyraj@gmail.com>, sobikaperiyasamy192019 <sobikaperiyasamy192019@gmail.com>, suganthikaravi30167 <suganthikaravi30167@gmail.com>, keerthanavejay <keerthanavejay@gmail.com>, nandhiniragunathan2002 <nandhiniragunathan2002@gmail.com>, manojksakth <manojksakth@gmail.com>, simclairsgs <simclair.sgs@gmail.com>, rambalachandran2002 <rambalachandran2002@gmail.com>, sekaraniitha585 <sekaraniitha585@gmail.com>, saravana30102001 <saravana30102001@gmail.com>, rshankar2154 <rshankar2154@gmail.com>, arunchuck111 <arunchuck111@gmail.com>, mkumaran721 <mkumaran721@gmail.com>, snekaelan <snekaelan@gmail.com>, nagarajan26052001 <nagarajan26052001@gmail.com>, chandrakanthravi1912002 <chandrakanthravi1912002@gmail.com>, jayashree19112001 <jayashree19112001@gmail.com>, mslekha282001 <mslekha282001@gmail.com>, msvimal10 <msvimal10@gmail.com>, mrudhhulavenu <mrudhhulavenu@gmail.com>, nishajayamohan2001 <nishajayamohan2001@gmail.com>, arulkailasam01 <arulkailasam01@gmail.com>, naveenraja2406 <naveenraja2406@gmail.com>, manojjn79 <manojjn79@gmail.com>, 2002mohann <2002mohann@gmail.com>

Hi

Greetings from ZOHO Corporation.

Congratulations!

Your profile has been shortlisted for the Summer Internship process at Zoho. This process will commence from **15-July-2022**

Please make yourself available at our premises by **9.30 am** with a photocopy of this mail.

Venue:

**ZOHO Corporation Pvt. Ltd,
Near SRM University, Potheri,
Kanchipuram District.**

Please note down few points:

1. Taking leave/permission during internship will not be entertained.
2. You will be assessed from day one.
3. Our intention of conducting this process is to retain the candidate as an Intern/employee upon completing the process successfully and based on the candidate's performance during the period.
4. Candidates who are employed (Full time/part time/freelancing) are not eligible for the internship process.
5. Candidates who have been employed previously should inform us about this. We will verify the previous employment documents as part of the internship process.
6. Please contact jacline.s@zohocorp.com for your ID Card. On your date of exit, please hand over the card to the Tower - Ground floor security desk.

You will be paid a monthly stipend of Rs. 15000 to your bank account.

Please share the following as a response to this email

[Handwritten Signature]
ATTESTED

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PRINCIPAL
SRM Institute of Engineering & Technology

- Your bank account number along with the IFSC code
- An image of your bank pass book (For us to cross check the account number and IFSC Code) and PAN
- Your emergency contact number (Should be either your parents' or guardian's)

Your stipend will be credited before the 10th of the following month.

We have sent you the policy documents. Please sign them all via Zoho Sign. In case you need to take a day off due to some emergency, please keep your manager informed so that your stipend can be processed accordingly.

Note:

Zoho office is not a commuting distance from most parts of Chennai, so we do not recommend daily commuting. This is to give you an early heads up about our policy, if you get an opportunity to work with us, it's understood that you'll be moving close to ZHO-ESTANCIA i.e within 5-10 km radius.

Regards
Guruprasath
HR Operations



ATTESTED

PRINCIPAL
Kumarasamy College of Engineering
Chalavapalayam Kara - 630117



ZOHO CORPORATION PRIVATE LIMITED

INTERNSHIP REPORT

JOB-ROLE: SOFTWARE DEVELOPER INTERN

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

NAME : GEORGE SIMCLAIR S, DEEPAK KUMAR S
YEAR/SEM : IV/VII
PERIOD : 15.07.2022 – 26.08.2022
ROLE : SOFTWARE DEVELOPER INTERNS
DOMAIN : ZVP - SOCKET PROGRAMMING
LOCATION : ESTANCIA IT PARK PVT. LTD, CHENNAI.

ATTESTED

IMPLEMENTATION OF WEB SERVER USING SOCKET PROGRAMMING IN JAVA

INTRODUCTION:

A web server is software and hardware that uses HTTP (Hypertext Transfer Protocol) and other protocols to respond to client requests made over the World Wide Web. The main job of a web server is to display website content through storing, processing and delivering web pages to users. Besides HTTP, web servers also support SMTP (Simple Mail Transfer Protocol) and FTP (File Transfer Protocol), used for email, file transfer and storage. Web servers are used in web hosting, or the hosting of data for websites and web-based applications or web applications.


METHODOLOGY:

When client sends request for a web page, the web server search for the requested page if requested page is found then it will send it to client with an HTTP response. If the requested web page is not found, web server will the send an HTTP response: Error 404 Not found. If client has requested for some other resources then the web server will contact to the application server and data store to construct the HTTP response.

Web Server Architecture follows the following two approaches:

1. Concurrent Approach
2. Single-Process-Event-Driven Approach.

Web server software is accessed through the domain names of websites and ensures the delivery of the site's content to the requesting user. The software side is also comprised of several components, with at least an HTTP server. The HTTP server is able to understand HTTP and URLs. As hardware, a web server is a computer that stores web server software and other files related to a website, such as HTML documents, images and JavaScript files.


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When a web browser, like Google Chrome or Firefox, needs a file that's hosted on a web server, the browser will request the file by HTTP. When the request is received by the web server, the HTTP server will accept the request, find the content and send it back to the browser through HTTP. Multiple domains also can be hosted on one web server.

TECHNOLOGIES LEARNT:

- JAVA
- Socket Programming

CODE:

```
package com.sgs.server;

import java.io.BufferedReader;
import java.io.File;
import java.io.FileNotFoundException;
import java.io.FileReader;
import java.io.IOException;
import java.io.PrintWriter;
import java.net.ServerSocket;
import java.net.Socket;
import java.util.concurrent.Executors;
import java.util.concurrent.ThreadPoolExecutor;

/*
 * Simple HTTP server using sockets
 *     serves a HTML file to client/Browser
 */
public class Main {

    public static int SERVER_PORT = 8080;
```

[Handwritten Signature]
ATTESTED

```

    public static void main(String[] args) {
        ThreadPoolExecutor executor = (ThreadPoolExecutor)
Executors.newFixedThreadPool(3); // Thread pool executor is
initialized
        try {
            ServerSocket serverSocket = new
ServerSocket(SERVER_PORT); // listen to port 8080
            while(true) {
                Socket socket =
serverSocket.accept(); // client
                executor.execute(new
ResourceServerThread(socket)); // serve client
            }
            //serverSocket.close();
            //executor.shutdown();
            // terminate executor

        } catch (IOException e) {
            e.printStackTrace();
        }

    }
}

package com.sgs.server;

import java.io.BufferedReader;
import java.io.File;
import java.io.FileReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.io.PrintWriter;
import java.net.Socket;

```

```

public class ResourceServerThread implements Runnable{
    private final Socket socket;

    ResourceServerThread(Socket socket){ // receiver
socket from main thread
        this.socket = socket;
    }

    public void run() {

        try {
            InputStreamReader bir = new InputStreamReader(socket.getInputStream());
            BufferedReader br = new BufferedReader(bir);
            PrintWriter printWriter = new PrintWriter(socket.getOutputStream());
            String reqData= br.readLine().split(" ")[1];
            String fileName="/index.html";
            if(reqData.equals("/"));
            else fileName = reqData;
            try {
                FileReader file = new FileReader("resources"+fileName);
                BufferedReader bfr = new BufferedReader(file);
                printWriter.println("HTTP/1.1 200
OK"); // set HTTP - Headers
                printWriter.println("Content-Type: text/html");
                printWriter.println("Content-Length: " + new
File("resources/"+fileName).length());
                printWriter.println("\r\n");
                String line = bfr.readLine();
                while (line != null)
                {
                    printWriter.println(line);
                    line = bfr.readLine();
                }
                bfr.close();
                bfr.close();
                printWriter.close();
            }
            catch(IOException e) {
                PrintWriter error404 = new PrintWriter(socket.getOutputStream());

```



ATTESTED

M.KUMARASAMY COLLEGE OF ENGINEERING, THALAYAPALAYAM-KARUR

Department of Electronics and Communication Engineering

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: ZOHO CORPORATION PRIVATE LIMITED, CHENNAI

Duration of the Training/Internship: 15-07-2022 to 26-08-2022

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution			✓		
2	The tasks given are challenging and testing your mettle					✓
3	The tasks given are able to complete within the given duration				✓	
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees					✓
5	The colleagues provide good support and receptive of industrial trainees					✓
6	I get along well with colleagues					✓
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.					✓
8	The training has prepared me well to work in the industry in terms of techniques and skills					✓
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.			✓		

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

The Internship was good and challenging, helped us to improve more.

GENERAL COMMENTS OR SUGGESTIONS FOR CURRICULUM IMPROVEMENT

The curriculum can be improved in terms of network programming by providing in-depth knowledge.

Signature:

G. George Simclair

Name: GEORGE SIMCLAIR S

Reg No: 19BEC4055

ATTESTED

PRINCIPAL

M. Kumarasamy College of Engineering
Thalayapalayam Karur - 630119

M. KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM-KARUR
 Department of Electronics and Communication Engineering

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: ZONO CORPORATION PRIVATE LIMITED, CHENNAI

Duration of the Training/Internship: 15-07-2022 To 16-08-2022

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution		✓			
2	The tasks given are challenging and testing your mettle					✓
3	The tasks given are able to complete within the given duration				✓	
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees					✓
5	The colleagues provide good support and receptive of industrial trainees			✓		
6	I get along well with colleagues				✓	
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.					✓
8	The training has prepared me well to work in the industry in terms of techniques and skills					✓
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.			✓		

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

The Internship were good. It is very useful to get some exposure. Gained some knowledge in Internship.

GENERAL COMMENTS OR SUGGESTIONS FOR CURRICULUM IMPROVEMENT

Software development can be taught.

Signature:

S. D. U. J.

Name: DEEPAK KUMAR S

Reg No: 19BEC1025

ATTESTED

INTERNSHIP APPROVAL FORM

Ref no: MKCE/T&P/INTERN/DEPT ECE /No.

Date: 27.09.22

NAME (in block letters)	1. <u>S. HEMALATHA</u> ✓		3.
	2.		4.
REG NO	1. <u>19BECH074</u>		3.
	2.		4.
DEGREE (please tick the appropriate box)	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>		
BRANCH	<u>ELECTRONICS AND COMMUNICATION ENGINEERING</u>		YEAR/SEM <u>IV / V</u>
CGPA	1. <u>8.99</u>		3.
	2.		4.
MOBILE NO	1. <u>9360069959</u>		3.
	2.		4.
INTERNAL GUIDE	NAME: <u>MEIVELS</u>		DEPT: <u>ECE</u>
	DESIGNATION: <u>ASSISTANT PROFESSOR</u>		MOBILE NO: <u>9003713212</u>
COMPANY/INDUSTRY NAME WITH ADDRESS (proposed for internship)	<u>KAR TECHNOLOGIES</u>		
COMPANY CONTACT PERSON	NAME:		EMAIL ID:
	DESIGNATION:		MOBILE NO:
Stipend (Yes/No)	<u>Yes</u>	(if yes, Rs. <u>5000/10000</u> /month)	
TRAINING DOMAIN	<u>TECH SERGEANT (SAP)</u>		
DURATION OF INTERNSHIP	FROM: <u>28/9/2022</u>		TO: <u> </u> / <u> </u> / <u> </u>
SIGNATURE OF THE STUDENTS	1. <u>S. HEMALATHA</u>		3.
	2.		4.
SIGNATURE WITH DATE	INTERNAL GUIDE	<u>[Signature]</u>	CLASS ADVISOR
			<u>[Signature]</u> <u>27/9/2022</u>
<u>[Signature]</u> <u>27/9/22</u>		<u>[Signature]</u> <u>27/9/22</u>	<u>[Signature]</u> <u>27/9/22</u>
HOD/DEAN		PLACEMENT OFFICER	PRINCIPAL

Note :

- ✓ Permission letter from company is mandatory with this form
- ✓ Department staff coordinators are requested to collect the Attendance sheet & internship report post to the internship

ATTESTED

PRINCIPAL,
Kumarasamy College of Engineering
Thalavapalayam Kuru-630119

Fwd: Kaar Technologies - Final Selection Details - BE 2023 YOP (SAP Role) - M Kumarasamy College of Engineering

1 message

Shanmugavadivel G <shanmugavadivelg.ece@mkce.ac.in>
To: mkcece2023@googlegroups.com

Sat, Jul 30, 2022 at 12:17 PM

———— Forwarded message ————

From: **Placement MKCE** <placement@mkce.ac.in>

Date: Sat, 30 Jul, 2022, 11:44 am

Subject: Kaar Technologies - Final Selection Details - BE 2023 YOP (SAP Role) - M Kumarasamy College of Engineering

To: hod <hod@mkce.ac.in>, <placementcoordinators2023@googlegroups.com>

Cc: Principal MKCE <principal@mkce.ac.in>

Dear Team,

Greetings from Kaar Technologies!

It's been a great experience managing the campus hiring process virtually with your esteemed institution for BE 2023 Batch.

Please find below final selection details and it is mandatory for the selected candidates to take 1 year Internship with us, else the offer will become void.

Sl. No.	Candidate Name	Position	CTC
1	Bhava Dharani G	Tech Sergeant (SAP)	6.5 LPA
2	Divya A	Tech Sergeant (SAP)	6.5 LPA
3	Elango M	Tech Sergeant (SAP)	6.5 LPA
4	Gowri J	Tech Sergeant (SAP)	6.5 LPA
5	Hemalatha S	Tech Sergeant (SAP)	6.5 LPA
6	Jananiha Ramalingam	Tech Sergeant (SAP)	6.5 LPA
7	Jeevanantham R	Tech Sergeant (SAP)	6.5 LPA
8	Manju S	Tech Sergeant (SAP)	6.5 LPA
9	Mugilan K	Tech Sergeant (SAP)	6.5 LPA
10	Nandhini N	Tech Sergeant (SAP)	6.5 LPA
11	Naveen B	Tech Sergeant (SAP)	6.5 LPA

12	Pavithra R	Tech Sergeant (SAP)	6.5 LPA
13	Pranitha K	Tech Sergeant (SAP)	6.5 LPA
14	Rithikashree B	Tech Sergeant (SAP)	6.5 LPA
15	Sanjay G	Tech Sergeant (SAP)	6.5 LPA
16	Sinegalatha B	Tech Sergeant (SAP)	6.5 LPA
17	Sneka E	Tech Sergeant (SAP)	6.5 LPA
18	Srinath S	Tech Sergeant (SAP)	6.5 LPA
19	Subhashini M	Tech Sergeant (SAP)	6.5 LPA
20	Sureka S	Tech Sergeant (SAP)	6.5 LPA
21	Suriya R	Tech Sergeant (SAP)	6.5 LPA
22	Trinaya S	Tech Sergeant (SAP)	6.5 LPA
23	Varshaa K K	Tech Sergeant (SAP)	6.5 LPA
24	Varunkumar B	Tech Sergeant (SAP)	6.5 LPA

Important:

All campus hires will get an opportunity to do internship from 7th semester for the period of one year. During the first 6 months, interns will be exposed to ERP, Digi-Tech, SAP Full Stack Technical and Functional Modules along with Project Management Training. During this phase, they are expected to complete multiple mini projects to get hands on experience in SAP along with a learning stipend of 5,000 INR.

On successful completion of project review and assessments, the interns will be eligible to enter second 6 months, and they will undergo project related trainings and participate in live projects along with the learning stipend of 10,000 INR.

Interns will be elevated to the role of full-time employee based on the final assessment in live project and they are eligible to get their full salary.

Documentation Process:

In order to release the letters requesting you to please share the below list of documents in PDF Format in the below given order (merge and send it as a single PDF document) to release the letters (vmuralidharan@kaartech.com)

- X Std Marksheet
- XII Std Marksheet


ATTACHED

<https://mail.google.com/mail/u/0/?ik=23a859a2e5&view=pt&search=&permmsgid=thead-f%3A1739759215477311828&siml=msg-f%3A1739759...> 2/3

- UG Semester Marksheets (available till date)
- Training's/Certificates (Sports, Events, Music, Symposium, etc.)
- PAN Card
- Aadhar Card



Kaar Technologies



World's Best
Pure-Play SAP
Digital Transformation
Consulting and Services Provider

22

2022



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Warm Regards,

Dr. V. Saravanan
Training and Placement Officer
M.Kumarasamy College of Engineering, Karur, Tamil Nadu
www.mkce.ac.in | placement@mkce.ac.in | 9842416477

(NAAC Accredited Autonomous Institution)

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For more options, visit <https://groups.google.com/d/optout>.

 **ATTBSTRD**

PRINCIPAL,
M.Kumarasamy College of Engineering,
"Thirupulavayam Karur 639117"

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: KARR TECHNOLOGIES

Duration of the Training/Internship: _____

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution				✓	
2	The tasks given are challenging and testing your mettle					✓
3	The tasks given are able to complete within the given duration				✓	
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees				✓	
5	The colleagues provide good support and receptive of industrial trainees					✓
6	I get along well with colleagues				✓	
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.				✓	
8	The training has prepared me well to work in the industry in terms of techniques and skills					✓
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.				✓	

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

The internship was very Excellent.

GENERAL COMMENTS OR SUGGESTIONS FOR CURRICULUM IMPROVEMENT

Nil

Signature: S. Hitha

Name: HEMALATHA S

Reg No: 19BEC4074

3/30/23, 12:03 PM

Gmail - Fwd: IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

V. PRANIKAA
19BEC4148
LV-YEAR
C-SECTION



19BEC4182 Sarumathi T <sarumathithennarasu3@gmail.com>

Fwd: IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

Pranikaa V <pranikaav24@gmail.com>

Thu, Mar 30, 2023 at 11:49 AM

To: "sarumathithennarasu3@gmail.com" <sarumathithennarasu3@gmail.com>

----- Forwarded message -----

From: **Campus Onboarding** <Campus.Onboarding@ltimindtree.com>

Date: Tue, 28 Feb 2023, 3:48 pm

Subject: IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

To: pranikaav24@gmail.com <pranikaav24@gmail.com>

Dear PRANIKAA V,

We are pleased to offer you an internship opportunity ("Internship") at LTIMindtree Limited ("LTIMindtree"). The terms and conditions of this offer are as follows and your Internship will be subject to and governed by these terms and conditions which shall be binding upon you receiving this email.

- | | | |
|------------------------|---|-----------------------------|
| 1. Internship Duration | : | 9 to 12 weeks |
| 2. Commencement Date | : | 21 Feb 2023 |
| 3. Location | : | Remote |
| 4. Stipend | : | Milestone based - Refer 12. |

Additional Terms:

- You acknowledge that the purpose of this Internship is to provide you with the opportunity to learn generally about information technology work and to gain practical experience and insights into the workplace and industry, and LTIMindtree does not derive an immediate advantage from the activities performed by you during the Internship Duration. It is essential for you to actively participate in this internship by completing the learnings successfully in the stipulated time period
- The Stipend stipulated above is payable on completion of the milestones as set out in Clause 12 and on you joining LTIMindtree as a full-time employee. The amount of stipend that you will be entitled to will be determined as per the criteria set out in Clause 12. Please note that the said amount will be a one-time payment and will not form part of your cost to the company as a full-time employee. The said amount will be payable to you subject to applicable statutory and other deductions, and applicable tax withholdings. Any costs and expenses borne by you in connection with the Internship shall be your sole responsibility.
- You may be permitted to be absent during the Internship Duration after obtaining prior approval from your Mentor and your stipend may be reduced, at LTIMindtree's sole discretion and option, by the period of your absence. Prolonged, frequent, or unapproved absences may lead to immediate termination of your Internship upon notice from LTIMindtree.
- While with us, you will be required to adhere to policies/practices of LTIMindtree as applicable to you in your capacity as an intern and as amended from time to time solely at the discretion of LTIMindtree ("Policies"). These policies will be shared with you before your internship commences and during the Internship Duration.
- Confidentiality:** As an Intern, you will be privy to, have access to or receive Confidential Information (as defined below). You shall (i) use such Confidential Information solely in relation to and to fulfill your Internship; (ii) disclose Confidential Information only to such persons and as permitted in writing by LTIMindtree; (iii) treat the Confidential Information with all reasonable care; and (iv) return all Confidential Information (and all copies thereof) to LTIMindtree immediately upon termination or completion of your Internship. Your obligations to maintain the confidentiality of the Confidential Information shall continue after the termination of your Internship with LTIMindtree.

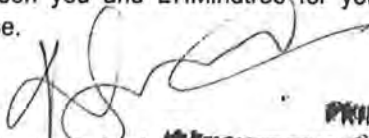
"Confidential Information" which means any information, data or non-public business, commercial, personal, or technical information of LTIMindtree, its affiliates, parent company, their personnel, or that of their clients including but not limited to research and development projects, services, and business operations, which may be disclosed in writing, orally, electronically, by or on behalf of LTIMindtree. Any documents and information, which reflect, incorporate, and/or are generated using any LTIMindtree's trade secrets.

6. **Intellectual Property:** Title, interest, and ownership in all information, data, outputs, reports, codes, proprietary information or rights, materials, tools presentations, records, and intellectual property rights conceived, created, or developed by you in connection with or arising from your Internship, and/or making use of the Confidential Information shall vest solely and exclusively with LTIMindtree immediately upon creation without the need for any further act or payment of any remuneration. It is clarified that Section 19(4) of the Indian Copyright Act, 1957 shall not apply to any assignment of copyrights under this Letter and you hereby agree not to raise and waive all rights to raise, any objection or claim before the Indian Copyright Board with respect to the assignment pursuant to Section 19A of the Indian Copyright Act, 1957. Also, you may conceive newer and advanced methods to improve processes or systems during your internship; this will remain the sole property of LTIMindtree.
7. You agree to defend, indemnify and hold harmless LTIMindtree for any loss, liability, claim, costs, fines, and or damage suffered by LTIMindtree and its personnel as a consequence of any breach by you of this Letter, LTIMindtree's instructions or any Policies.
8. LTIMindtree, at its sole discretion and option, reserves the right to withdraw, suspend and/or amend the offer of Internship and the terms of this Letter at any time prior to the Commencement Date specified above, and you acknowledge and agree that any such action and/or amendment by LTIMindtree shall be binding upon you immediately without any consequence on LTIMindtree.
9. You will be an Intern for the Internship Duration. This Letter and the Internship Duration may be suspended, terminated, or reduced (as appropriate) immediately with notice from LTIMindtree to you.
10. Issuance of Internship Certificate is always subject to the successful completion of the entire Internship Duration and at the sole discretion of LTIMindtree.
11. LTIMindtree may receive and collect personal data relating to you, including sensitive personal data or information (as defined in the Information Technology Act 2000 and rules made thereunder) (collectively **"Personal Information"**). LTIMindtree may process such Personal Information for relevant and limited purposes in connection with managing your internship and/or the business of LTIMindtree. You consent to (i) the collection, use, processing, storage, export, and transfer of your Personal Information by LTIMindtree and third parties; and (ii) the transfer and disclosure of your Personal Information held by LTIMindtree to any third parties within India or outside of India, in accordance with the LTIMindtree's privacy policy and subject to applicable law.
- 12.

Internship Milestone	8 th Sem Stipend Reward (INR)*
Learning Completed with score 80% and above in first attempt in all 3 milestones	20,000
Learning Completed with score 60% - 79%	10,000
Learning Completed with score <60%	Not Entitled

* This will be a one-time payment credited upon successfully completing the internship and post-onboarding as a full-time employee, followed by completion of L&D's Initial Learning Program.

This Letter contains the entire understanding between you and LTIMindtree for your internship and supersedes all previous discussions and agreements, whether oral or otherwise.


PRINCIPAL

You agree and acknowledge that the Internship is being granted solely for training purposes and that you are not an 'employee' or a 'workman' of LTIMindtree for the purposes of any employment statute or under any law, and you are not entitled to any wages or any employment benefits (including but not limited to leave and statutory benefits) that are provided solely to employees of LTIMindtree.

23, 12:03 PM

Gmail - Fwd: IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

This Letter and the relationship between us shall be governed by the laws of India and the courts at Bangalore, Karnataka, shall have exclusive jurisdiction over any disputes that may arise therefrom. LTIMindtree may apply for injunctive or other appropriate relief from any court of competent jurisdiction.

You agree that your electronic signature below will have the same force and validity as a handwritten signature, and that your signature represents your acceptance of this Letter and your agreement to abide by the terms herein.

We are confident that you will enjoy your experience with us and that the learning you derive will be mutually beneficial.

Looking forward to seeing your expertise in action soon!

Thanking You,

University Liaison & Early Career Engagement
LTIMindtree

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PRINCIPAL,
Sri Ramakrishna College of Engineering
Mylapore, Bangalore

19BEC4182
Sarumathi T
IV Year - C

3/30/23, 12:01 PM

Gmail - IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter



19BEC4182 Sarumathi T <sarumathithennarasu3@gmail.com>

IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

Campus Onboarding <Campus.Onboarding@ltimindtree.com>
To: "sarumathithennarasu3@gmail.com" <sarumathithennarasu3@gmail.com>

Tue, Feb 28, 2023 at 3:48 PM

Dear SARUMATHI T.

We are pleased to offer you an internship opportunity ("Internship") at LTIMindtree Limited ("LTIMindtree"). The terms and conditions of this offer are as follows and your Internship will be subject to and governed by these terms and conditions which shall be binding upon you receiving this email.

- 1. Internship Duration : 9 to 12 weeks
- 2. Commencement Date : 21 Feb 2023
- 3. Location : Remote
- 4. Stipend : Milestone based - Refer 12.

Additional Terms:

1. You acknowledge that the purpose of this Internship is to provide you with the opportunity to learn generally about information technology work and to gain practical experience and insights into the workplace and industry, and LTIMindtree does not derive an immediate advantage from the activities performed by you during the Internship Duration. It is essential for you to actively participate in this internship by completing the learnings successfully in the stipulated time period
2. The Stipend stipulated above is payable on completion of the milestones as set out in Clause 12 and on you joining LTIMindtree as a full-time employee. The amount of stipend that you will be entitled to will be determined as per the criteria set out in Clause 12. Please note that the said amount will be a one-time payment and will not form part of your cost to the company as a full-time employee. The said amount will be payable to you subject to applicable statutory and other deductions, and applicable tax withholdings. Any costs and expenses borne by you in connection with the Internship shall be your sole responsibility.
3. You may be permitted to be absent during the Internship Duration after obtaining prior approval from your Mentor and your stipend may be reduced, at LTIMindtree's sole discretion and option, by the period of your absence. Prolonged, frequent, or unapproved absences may lead to immediate termination of your Internship upon notice from LTIMindtree.
4. While with us, you will be required to adhere to policies/practices of LTIMindtree as applicable to you in your capacity as an intern and as amended from time to time solely at the discretion of LTIMindtree ("Policies"). These policies will be shared with you before your internship commences and during the Internship Duration.
5. **Confidentiality:** As an intern, you will be privy to, have access to or receive Confidential Information (as defined below). You shall (i) use such Confidential Information solely in relation to and to fulfill your Internship; (ii) disclose Confidential Information only to such persons and as permitted in writing by LTIMindtree; (iii) treat the Confidential Information with all reasonable care; and (iv) return all Confidential Information (and all copies thereof) to LTIMindtree immediately upon termination or completion of your Internship. Your obligations to maintain secrecy and confidentiality of the Confidential Information shall continue after the termination of your Internship with LTIMindtree.

"Confidential Information" which means any information, data or non-public business, commercial, personal, or technical information of LTIMindtree, its affiliates, parent company, their personnel, or that of their clients including but not limited to research and development projects, services, and business operations, which may be disclosed in writing, orally, electronically, by or on behalf of LTIMindtree. Any documents and information, which reflect, incorporate, and/or are generated using any such Confidential Information, will also be deemed as Confidential Information. All Confidential Information shall be deemed as LTIMindtree's trade secrets.

ATTACHED
103

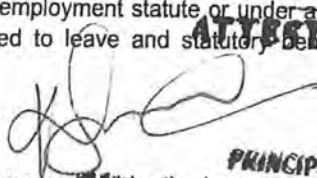
6. **Intellectual Property:** Title, interest, and ownership in all information, data, outputs, reports, codes, proprietary information or rights, materials, tools presentations, records, and intellectual property rights conceived, created, or developed by you in connection with or arising from your Internship, and/or making use of the Confidential Information shall vest solely and exclusively with LTIMindtree immediately upon creation without the need for any further act or payment of any remuneration. It is clarified that Section 19(4) of the Indian Copyright Act, 1957 shall not apply to any assignment of copyrights under this Letter and you hereby agree not to raise and waive all rights to raise, any objection or claim before the Indian Copyright Board with respect to the assignment pursuant to Section 19A of the Indian Copyright Act, 1957. Also, you may conceive newer and advanced methods to improve processes or systems during your internship; this will remain the sole property of LTIMindtree.
7. You agree to defend, indemnify and hold harmless LTIMindtree for any loss, liability, claim, costs, fines, and or damage suffered by LTIMindtree and its personnel as a consequence of any breach by you of this Letter, LTIMindtree's instructions or any Policies.
8. LTIMindtree, at its sole discretion and option, reserves the right to withdraw, suspend and/or amend the offer of Internship and the terms of this Letter at any time prior to the Commencement Date specified above, and you acknowledge and agree that any such action and/or amendment by LTIMindtree shall be binding upon you immediately without any consequence on LTIMindtree.
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- 12.

Internship Milestone	8 th Sem Stipend Reward (INR)*
Learning Completed with score 80% and above in first attempt in all 3 milestones	20,000
Learning Completed with score 60% - 79%	10,000
Learning Completed with score <60%	Not Entitled

* This will be a one-time payment credited upon successfully completing the internship and post-onboarding as a full-time employee, followed by completion of L&D's Initial Learning Program.

This Letter contains the entire understanding between you and LTIMindtree for your Internship and supersedes all previous discussions and agreements, whether oral or otherwise.

You agree and acknowledge that the Internship is being granted solely for training purposes and that you are not an 'employee' or a 'workman' of LTIMindtree for the purposes of any employment statute or under any law, and you are not entitled to any wages or any employment benefits (including but not limited to leave and statutory benefits) that are provided solely to employees of LTIMindtree.


PRINCIPAL

This Letter and the relationship between us shall be governed by the laws of India and the courts at Bangalore, Karnataka, shall have exclusive jurisdiction over any disputes that may arise therefrom. LTIMindtree may apply for injunctive or other appropriate relief from any court of competent jurisdiction.

3/30/23, 12:01 PM

Gmail - IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

You agree that your electronic signature below will have the same force and validity as a handwritten signature, and that your signature represents your acceptance of this Letter and your agreement to abide by the terms herein.

We are confident that you will enjoy your experience with us and that the learning you derive will be mutually beneficial.

Looking forward to seeing your expertise in action soon!

Thanking You,

University Liaison & Early Career Engagement

LTIMindtree

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ATTBSTD

PRINCIPAL,
Kumaranmy College of Engineering,
Chalavanalavan Kuru-639110

IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

1 message

Campus Onboarding <Campus.Onboarding@ltimindtree.com>
To: kripatkn@gmail.com <kripatkn@gmail.com>

Tue, 28 Feb, 2023 at 3:48 pm

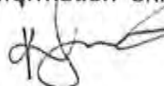
Dear KRIPANANDHINI T,

We are pleased to offer you an internship opportunity ("**Internship**") at LTIMindtree Limited ("**LTIMindtree**"). The terms and conditions of this offer are as follows and your Internship will be subject to and governed by these terms and conditions which shall be binding upon you receiving this email.

1. Internship Duration	:	9 to 12 weeks
2. Commencement Date	:	21 Feb 2023
3. Location	:	Remote
4. Stipend	:	Milestone based - Refer 12.

Additional Terms:

1. You acknowledge that the purpose of this Internship is to provide you with the opportunity to learn generally about information technology work and to gain practical experience and insights into the workplace and industry, and LTIMindtree does not derive an immediate advantage from the activities performed by you during the Internship Duration. It is essential for you to actively participate in this internship by completing the learnings successfully in the stipulated time period
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3. You may be permitted to be absent during the Internship Duration after obtaining prior approval from your Mentor and your stipend may be reduced, at LTIMindtree's sole discretion and option, by the period of your absence. Prolonged, frequent, or unapproved absences may lead to immediate termination of your Internship upon notice from LTIMindtree.
4. While with us, you will be required to adhere to policies/practices of LTIMindtree as applicable to you in your capacity as an intern and as amended from time to time solely at the discretion of LTIMindtree ("**Policies**"). These policies will be shared with you before your internship commences and during the Internship Duration.
5. **Confidentiality:** As an intern, you will be privy to, have access to or receive Confidential Information (as defined below). You shall (i) use such Confidential Information solely in relation to and to fulfill your Internship; (ii) disclose Confidential Information only to such persons and as permitted in writing by

 **ATTESTED**

PRINCIPAL

Kumarasany College of Engineering

106 Avanavalavam Karu - 630112

* This will be a one-time payment credited upon successfully completing the internship and post-onboarding as a full-time employee, followed by completion of L&D's Initial Learning Program.

This Letter contains the entire understanding between you and LTIMindtree for your Internship and supersedes all previous discussions and agreements, whether oral or otherwise.

You agree and acknowledge that the Internship is being granted solely for training purposes and that you are not an 'employee' or a 'workman' of LTIMindtree for the purposes of any employment statute or under any law, and you are not entitled to any wages or any employment benefits (including but not limited to leave and statutory benefits) that are provided solely to employees of LTIMindtree.

This Letter and the relationship between us shall be governed by the laws of India and the courts at Bangalore, Karnataka, shall have exclusive jurisdiction over any disputes that may arise therefrom. LTIMindtree may apply for injunctive or other appropriate relief from any court of competent jurisdiction.

You agree that your electronic signature below will have the same force and validity as a handwritten signature, and that your signature represents your acceptance of this Letter and your agreement to abide by the terms herein.

We are confident that you will enjoy your experience with us and that the learning you derive will be mutually beneficial.

Looking forward to seeing your expertise in action soon!

Thanking You,

University Liaison & Early Career Engagement
LTIMindtree



ATTESTED

PRINCIPAL,
M. Kumaraswamy College of Engineering
Chalavannalavaru, Kuvempu-639112

The contents of this e-mail and any attachment(s) may contain confidential or privileged information for the intended recipient(s). Unintended recipients are prohibited from taking action on the basis of information in this e-mail and using or disseminating the information, and must notify the sender and delete it from their

system. LTIMindtree will not accept responsibility or liability for the accuracy or completeness of, or the presence of any virus or disabling code in this e-mail"



ATTESTED

PRINCIPAL
M. Sumanth College of Engineering
Chennai, Tamil Nadu - 600 117

Fwd: IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

Dear VIJAYALAKSHMI S,

We are pleased to offer you an internship opportunity ("Internship") at LTIMindtree Limited ("LTIMindtree"). The terms and conditions of this offer are as follows and your Internship will be subject to and governed by these terms and conditions which shall be binding upon you receiving this email.

1. Internship Duration	:	9 to 12 weeks
2. Commencement Date	:	21 Feb 2023
3. Location	:	Remote
4. Stipend	:	Milestone based - Refer 12.

Additional Terms:

1. You acknowledge that the purpose of this Internship is to provide you with the opportunity to learn generally about information technology work and to gain practical experience and insights into the workplace and industry, and LTIMindtree does not derive an immediate advantage from the activities performed by you during the Internship Duration. It is essential for you to actively participate in this Internship by completing the learnings successfully in the stipulated time period.
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4. While with us, you will be required to adhere to policies/practices of LTIMindtree as applicable to you in your capacity as an intern and as amended from time to time solely at the discretion of LTIMindtree ("Policies"). These policies will be shared with you before your internship commences and during the Internship Duration.
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"Confidential Information" which means any information, data or non-public business, commercial, personal, or technical information of LTIMindtree, its affiliates, parent company, their personnel, or that of their clients including but not limited to research and development projects, services, and business operations, which may be disclosed in writing, orally, electronically, by or on behalf of LTIMindtree. Any documents and information, which reflect, incorporate, and/or are generated using any such Confidential Information, will also be deemed as Confidential Information. All Confidential Information shall be deemed as LTIMindtree's trade secrets.



ATTESTED

PRINCIPAL

410 Masamy College of Engineering
Thalavalluram Kuru - 630119

6. **Intellectual Property:** Title, interest, and ownership in all information, data, outputs, reports, codes, proprietary information or rights, materials, tools presentations, records, and intellectual property rights conceived, created, or developed by you in connection with or arising from your Internship, and/or making use of the Confidential Information shall vest solely and exclusively with LTIMindtree immediately upon creation without the need for any further act or payment of any remuneration. It is clarified that Section 19(4) of the Indian Copyright Act, 1957 shall not apply to any assignment of copyrights under this Letter and you hereby agree not to raise and waive all rights to raise, any objection or claim before the Indian Copyright Board with respect to the assignment pursuant to Section 19A of the Indian Copyright Act, 1957. Also, you may conceive newer and advanced methods to improve processes or systems during your internship; this will remain the sole property of LTIMindtree.
7. You agree to defend, indemnify and hold harmless LTIMindtree for any loss, liability, claim, costs, fines, and or damage suffered by LTIMindtree and its personnel as a consequence of any breach by you of this Letter, LTIMindtree' s instructions or any Policies.
8. LTIMindtree, at its sole discretion and option, reserves the right to withdraw, suspend and/or amend the offer of Internship and the terms of this Letter at any time prior to the Commencement Date specified above, and you acknowledge and agree that any such action and/or amendment by LTIMindtree shall be binding upon you immediately without any consequence on LTIMindtree.
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12.

Internship Milestone	8 th Sem Stipend Reward (INR)*
Learning Completed with score 80% and above in first attempt in all 3 milestones	20,000
Learning Completed with score 60% - 79%	10,000
Learning Completed with score <60%	Not Entitled

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We are confident that you will enjoy your experience with us and that the learning you derive will be mutually beneficial.

Looking forward to seeing your expertise in action soon!

Thanking You,

University Liaison & Early Career Engagement
LTIMindtree


ATTESTED



19BEC4097 Kaviya.G <kaviyagunaec02@gmail.com>

IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

1 message

Campus Onboarding <Campus.OnboardIng@ltimindtree.com>
To: "kaviyagunaec02@gmail.com" <kaviyagunaec02@gmail.com>

28 February 2023 at 15:48

Dear KAVIYA G,

We are pleased to offer you an internship opportunity ("Internship") at LTIMindtree Limited ("LTIMindtree"). The terms and conditions of this offer are as follows and your Internship will be subject to and governed by these terms and conditions which shall be binding upon you receiving this email.

- 1. Internship Duration : 9 to 12 weeks
- 2. Commencement Date : 21 Feb 2023
- 3. Location : Remote
- 4. Stipend : Milestone based - Refer 12.

ATTESTED

[Signature]
 PRINCIPAL,
 Kumarasamy College of Engineering
 Palavanpalavam, Karaikal - 605 013

Additional Terms:

1. You acknowledge that the purpose of this Internship is to provide you with the opportunity to learn generally about information technology work and to gain practical experience and insights into the workplace and industry, and LTIMindtree does not derive an immediate advantage from the activities performed by you during the Internship Duration. It is essential for you to actively participate in this Internship by completing the learnings successfully in the stipulated time period
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3. You may be permitted to be absent during the Internship Duration after obtaining prior approval from your Mentor and your stipend may be reduced, at LTIMindtree's sole discretion and option, by the period of your absence. Prolonged, frequent, or unapproved absences may lead to immediate termination of your Internship upon notice from LTIMindtree.
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Internship Milestone	8 th Sem Stipend Reward (INR)*
Learning Completed with score 80% and above in first attempt in all 3 milestones	20,000
Learning Completed with score 60% - 79%	10,000
Learning Completed with score <60%	Not Entitled

ATTESTED


 PRINCIPAL
 Kumarasamy College of Engineering
 Thalavapalavam Karu - 639117

* This will be a one-time payment credited upon successfully completing the Internship and post-onboarding as a full-time employee, followed by completion of L&D's Initial Learning Program.

3/29/23, 10:52 AM

Gmail - IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

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You agree that your electronic signature below will have the same force and validity as a handwritten signature, and that your signature represents your acceptance of this Letter and your agreement to abide by the terms herein.

We are confident that you will enjoy your experience with us and that the learning you derive will be mutually beneficial.

Looking forward to seeing your expertise in action soon!

Thanking You,

University Liaison & Early Career Engagement

LTIMindtree

ATTESTED



PRINCIPAL
M Kumarasamy College of Engineering
Chalavapalavam Karur - 639112

The contents of this e-mail and any attachment(s) may contain confidential or privileged information for the intended recipient(s). Unintended recipients are prohibited from taking action on the basis of information in this e-mail and using or disseminating the information, and must notify the sender and delete it from their system. LTIMindtree will not accept responsibility or liability for the accuracy or completeness of, or the presence of any virus or disabling code in this e-mail"

<https://mail.google.com/mail/u/1/?ik=3519ce420b&view=pt&search=all&permthid=thread-f:1759069635645067344&simpl=msg-f:1759069635645067344>

3/3

19BEC4149
M. PRASANTH
No Stipend

Invite flagship internship program FY 23 - Java B6 Inbox X



sujatha n <sujathan@virtusa.com>

Mon, Feb 13, 3:48 PM

to nandhukarnaa@gmail.com, nandhinichandhiran@gmail.com, saktthinarmadha2002@gmail.com, narmalhaa10@gmail.com, naveensasikumar27@gmail.com, nayeemh2002@gmail.com, ni

Hi Students!!

Welcome you all to our flagship internship program that has been meticulously curated by SME's from Virtusa to get you prepared with industry experience.

The program offers a unique opportunity of getting into an internship with Virtusa , and learn and build a real time business application in Full Stack Tech (Java). The program will have 2 phases , learning phase and upon successful completion internship phase in which you will work on live business case where Virtusa team will provide required guidance in the areas of Solutioning, Design and Development-for the participants to successfully complete the internship in style.

You will receive mailer from examly platform (iamneo) before tomorrow on you access to the learning portal, please check your mails and enable the access.

Phase 1 - All assessment , case study , lab exercises, project expected to be completed before 28th feb 2023.

Happy Learning!
C&L - Virtusa

"Virtusa is a worldwide provider of digital business strategy, digital engineering, and information technology (IT) services and solutions, serving Global 2000 companies across multiple industries. We help clients change, disrupt, and unlock new value with unmatched speed."

This message, including any attachments, contains sensitive information intended for a specific individual and purpose, and is intended for the addressee only. Any unauthorized disclosure, use, dissemination, copying, or distribution of this message or any of its attachments or the information contained in this e-mail, or the taking of any action based on it, is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail and delete this message.

ATTENDED
[Handwritten Signature]

*Vivekanandha College of Engineering
"Chennai - 600 097"



19BEC4174 - SANTHIYA P <santhiyapalaniappann@gmail.com>

IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

2 messages

Campus Onboarding <Campus.Onboarding@ltimindtree.com>
To: "santhiyapalaniappann@gmail.com" <santhiyapalaniappann@gmail.com>

28 February 2023 at 15:48

Dear SANTHIYA P,

We are pleased to offer you an Internship opportunity ("Internship") at LTIMindtree Limited ("LTIMindtree"). The terms and conditions of this offer are as follows and your Internship will be subject to and governed by these terms and conditions which shall be binding upon you receiving this email.

- 1. Internship Duration : 9 to 12 weeks
- 2. Commencement Date : 21 Feb 2023
- 3. Location : Remote
- 4. Stipend : Milestone based - Refer 12.

Additional Terms:

1. You acknowledge that the purpose of this Internship is to provide you with the opportunity to learn generally about information technology work and to gain practical experience and insights into the workplace and industry, and LTIMindtree does not derive an immediate advantage from the activities performed by you during the Internship Duration. It is essential for you to actively participate in this internship by completing the learnings successfully in the stipulated time period
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3. You may be permitted to be absent during the Internship Duration after obtaining prior approval from your Mentor and your stipend may be reduced, at LTIMindtree's sole discretion and option, by the period of your absence. Prolonged, frequent, or unapproved absences may lead to immediate termination of your Internship upon notice from LTIMindtree.
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Handwritten signature and stamp: "Kumarasamy (Principal)" and "ATTENDED".

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Looking forward to seeing your expertise in action soon!

Thanking You,

University Liaison & Early Career Engagement

LTIMindtree

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19BEC4174 - SANTHIYA P <santhiyapalaniappann@gmail.com>
To: Campus Onboarding <Campus.Onboarding@ltimindtree.com>

1 March 2023 at 05:37

I accept the offer.
[Quoted text hidden]

(Handwritten signature)
PRINCIPAL,
Kumarasamy College of Engineering
Thavapalavam, Karaikal - 639113

ATTESTED

ATTESTED

PRINCIPAL

Kumarasamy College of Engineering



IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

1 message

Campus Onboarding <Campus.Onboarding@ltimindtree.com>
To: thirumalgskt@gmail.com <thirumalgskt@gmail.com>

Tue, Feb 28, 2023 at 3:48 PM

Dear THIRUMAL G,

We are pleased to offer you an internship opportunity ("Internship") at LTIMindtree Limited ("LTIMindtree"). The terms and conditions of this offer are as follows and your Internship will be subject to and governed by these terms and conditions which shall be binding upon you receiving this email.

1. Internship Duration	:	9 to 12 weeks
2. Commencement Date	:	21 Feb 2023
3. Location	:	Remote
4. Stipend	:	Milestone based - Refer 12.


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ATTESTED

PRINCIPAL

119  **Amal College of Engineering**
P.O. No. 620112

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ATTESTED

 PRINCIPAL
 Kumarasamy College of Engineering
 Kannur, Kerala - 690119

You agree that your electronic signature below will have the same force and validity as a handwritten signature, and that your signature represents your acceptance of this Letter and your agreement to abide by the terms herein.

We are confident that you will enjoy your experience with us and that the learning you derive will be mutually beneficial.

Looking forward to seeing your expertise in action soon!

Thanking You,

University Liaison & Early Career Engagement

LTIMindtree

The contents of this e-mail and any attachment(s) may contain confidential or privileged information for the intended recipient(s). Unintended recipients are prohibited from taking action on the basis of information in this e-mail and using or disseminating the information, and must notify the sender and delete it from their system. LTIMindtree will not accept responsibility or liability for the accuracy or completeness of, or the presence of any virus or disabling code in this e-mail"

 **ATTESTED**

PRINCIPAL,
* Kumarasamy College of Engineering
Chalavapalayan Kuru -639117



IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

1 message

Campus Onboarding <Campus.Onboarding@ltimindtree.com>
To: sathyasivaram05@gmail.com <sathyasivaram05@gmail.com>

Tue, 28 Feb, 2023 at 3:48 pm

Dear SATHYAGEETHA S,

We are pleased to offer you an Internship opportunity ("Internship") at LTIMindtree Limited ("LTIMindtree"). The terms and conditions of this offer are as follows and your Internship will be subject to and governed by these terms and conditions which shall be binding upon you receiving this email.

1. Internship Duration	:	9 to 12 weeks
2. Commencement Date	:	21 Feb 2023
3. Location	:	Remote
4. Stipend	:	Milestone based - Refer 12.

Additional Terms:

1. You acknowledge that the purpose of this Internship is to provide you with the opportunity to learn generally about information technology work and to gain practical experience and insights into the workplace and industry, and LTIMindtree does not derive an immediate advantage from the activities performed by you during the Internship Duration. It is essential for you to actively participate in this internship by completing the learnings successfully in the stipulated time period.
2. The Stipend stipulated above is payable on completion of the milestones as set out in Clause 12 and on you joining LTIMindtree as a full-time employee. The amount of stipend that you will be entitled to will be determined as per the criteria set out in Clause 12. Please note that the said amount will be a one-time payment and will not form part of your cost to the company as a full-time employee. The said amount will be payable to you subject to applicable statutory and other deductions, and applicable tax withholdings. Any costs and expenses borne by you in connection with the Internship shall be your sole responsibility.
3. You may be permitted to be absent during the Internship Duration after obtaining prior approval from your Mentor and your stipend may be reduced, at LTIMindtree's sole discretion and option, by the period of your absence. Prolonged, frequent, or unapproved absences may lead to immediate termination of your Internship upon notice from LTIMindtree.
4. While with us, you will be required to adhere to policies/practices of LTIMindtree as applicable to you in your capacity as an intern and as amended from time to time solely at the discretion of LTIMindtree ("Policies"). These policies will be shared with you before your internship commences and during the Internship Duration.
5. **Confidentiality:** As an intern, you will be privy to, have access to or receive Confidential Information (as defined below). You shall (i) use such Confidential Information solely in relation to and to fulfill your Internship; (ii) disclose Confidential Information only to such persons and as permitted in writing by LTIMindtree; (iii) treat the Confidential Information with all reasonable care; and (iv) return all Confidential Information (and all copies thereof) to LTIMindtree immediately upon termination or completion of your Internship. Your obligations to maintain secrecy and confidentiality of the Confidential Information shall continue after the termination of your Internship with LTIMindtree.

"Confidential Information" which means any information, data or non-public business, commercial, personal, or technical information of LTIMindtree, its affiliates, parent company, their personnel, or that of their clients including but not limited to research and development projects, services, and business operations, which may be disclosed in writing, orally, electronically, by or on behalf of LTIMindtree. Any documents and information, which reflect, incorporate, and/or are generated using any such Confidential Information, will also be deemed as Confidential Information. All Confidential Information shall be deemed as LTIMindtree's trade secrets.

6. **Intellectual Property:** Title, interest, and ownership in all information, data, outputs, reports, codes, proprietary information or rights, materials, tools presentations, records, and intellectual property rights conceived, created, or developed by you in connection with or arising from your Internship, and/or making use of the Confidential Information shall vest solely and exclusively with LTIMindtree immediately upon creation without the need for any further act or payment of any remuneration. It is clarified that Section 19(4) of the Indian Copyright Act, 1957 shall not apply to any assignment of copyrights under this Letter and you hereby agree not to raise and waive all rights to raise, any objection or claim before the Indian Copyright Board with respect to the assignment pursuant to Section 19A of the Indian Copyright Act, 1957. Also, you may conceive newer and advanced methods to improve processes or systems during your internship, this will remain the sole property of LTIMindtree.
7. You agree to defend, indemnify and hold harmless LTIMindtree for any loss, liability, claim, costs, fines, and or damage suffered by LTIMindtree and its personnel as a consequence of any breach by you of this Letter, LTIMindtree's instructions or any Policies.
8. LTIMindtree, at its sole discretion and option, reserves the right to withdraw, suspend and/or amend the offer of Internship and the terms of this Letter at any time prior to the Commencement Date specified above, and you acknowledge and agree that any such action and/or amendment by LTIMindtree shall be binding upon you immediately without any consequence on LTIMindtree.

 **ATTESTED**

PRINCIPAL

Kumarasamy College of Engineering
Thalavapalavam Karur - 630117

9. You will be an Intern for the Internship Duration. This Letter and the Internship Duration may be suspended, terminated, or reduced (as appropriate) immediately with notice from LTIMindtree to you.
10. Issuance of Internship Certificate is always subject to the successful completion of the entire Internship Duration and at the sole discretion of LTIMindtree.
11. LTIMindtree may receive and collect personal data relating to you, including sensitive personal data or information (as defined in the Information Technology Act 2000 and rules made thereunder) (collectively "Personal Information"). LTIMindtree may process such Personal Information for relevant and limited purposes in connection with managing your internship and/or the business of LTIMindtree. You consent to (i) the collection, use, processing, storage, export, and transfer of your Personal Information by LTIMindtree and third parties; and (ii) the transfer and disclosure of your Personal Information held by LTIMindtree to any third parties within India or outside of India, in accordance with the LTIMindtree's privacy policy and subject to applicable law.
- 12.

Internship Milestone	8 th Sem Stipend Reward (INR)*
Learning Completed with score 80% and above in first attempt in all 3 milestones	20,000
Learning Completed with score 60% - 79%	10,000
Learning Completed with score <60%	Not Entitled

* This will be a one-time payment credited upon successfully completing the internship and post-onboarding as a full-time employee, followed by completion of L&D's Initial Learning Program.

This Letter contains the entire understanding between you and LTIMindtree for your Internship and supersedes all previous discussions and agreements, whether oral or otherwise.

You agree and acknowledge that the Internship is being granted solely for training purposes and that you are not an 'employee' or a 'workman' of LTIMindtree for the purposes of any employment statute or under any law, and you are not entitled to any wages or any employment benefits (including but not limited to leave and statutory benefits) that are provided solely to employees of LTIMindtree.

This Letter and the relationship between us shall be governed by the laws of India and the courts at Bangalore, Karnataka, shall have exclusive jurisdiction over any disputes that may arise therefrom. LTIMindtree may apply for injunctive or other appropriate relief from any court of competent jurisdiction.

You agree that your electronic signature below will have the same force and validity as a handwritten signature, and that your signature represents your acceptance of this Letter and your agreement to abide by the terms herein.

We are confident that you will enjoy your experience with us and that the learning you derive will be mutually beneficial.

Looking forward to seeing your expertise in action soon!

Thanking You,


ATTESTED

University Liaison & Early Career Engagement

LTIMindtree

PRINCIPAL
M. Kumarsamy College of Engineering
 Thalavapalavani Kurni - 630112

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ATTESTED

PRINCIPAL,
Ammaiyar College of Engineering
Chalavapalavam Karu - 639112



IGNITE | 8th Semester Pre Onboarding Internship Program | Offer Letter

1 message

Campus Onboarding <Campus.Onboarding@ltimindtree.com>
To: keerthukgp02@gmail.com <keerthukgp02@gmail.com>

Tue, 28 Feb, 2023 at 3:48 pm

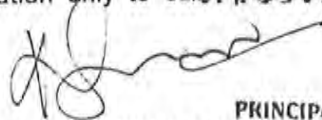
Dear KEERTHANA ELLAPPAN,

We are pleased to offer you an internship opportunity ("Internship") at LTIMindtree Limited ("LTIMindtree"). The terms and conditions of this offer are as follows and your Internship will be subject to and governed by these terms and conditions which shall be binding upon you receiving this email.

1. Internship Duration	:	9 to 12 weeks
2. Commencement Date	:	21 Feb 2023
3. Location	:	Remote
4. Stipend	:	Milestone based - Refer 12.

Additional Terms:

1. You acknowledge that the purpose of this Internship is to provide you with the opportunity to learn generally about information technology work and to gain practical experience and insights into the workplace and industry, and LTIMindtree does not derive an immediate advantage from the activities performed by you during the Internship Duration. It is essential for you to actively participate in this internship by completing the learnings successfully in the stipulated time period
2. The Stipend stipulated above is payable on completion of the milestones as set out in Clause 12 and on you joining LTIMindtree as a full-time employee. The amount of stipend that you will be entitled to will be determined as per the criteria set out in Clause 12. Please note that the said amount will be a one-time payment and will not form part of your cost to the company as a full-time employee. The said amount will be payable to you subject to applicable statutory and other deductions, and applicable tax withholdings. Any costs and expenses borne by you in connection with the Internship shall be your sole responsibility.
3. You may be permitted to be absent during the Internship Duration after obtaining prior approval from your Mentor and your stipend may be reduced, at LTIMindtree's sole discretion and option, by the period of your absence. Prolonged, frequent, or unapproved absences may lead to immediate termination of your Internship upon notice from LTIMindtree.
4. While with us, you will be required to adhere to policies/practices of LTIMindtree as applicable to you in your capacity as an intern and as amended from time to time solely at the discretion of LTIMindtree ("Policies"). These policies will be shared with you before your internship commences and during the Internship Duration.
5. **Confidentiality:** As an intern, you will be privy to, have access to or receive Confidential Information (as defined below). You shall (i) use such Confidential Information solely in relation to and to fulfill your Internship; (ii) disclose Confidential Information only to such persons as permitted in writing by



PRINCIPAL

LTIMindtree; (iii) treat the Confidential Information with all reasonable care; and (iv) return all Confidential Information (and all copies thereof) to LTIMindtree immediately upon termination or completion of your Internship. Your obligations to maintain secrecy and confidentiality of the Confidential Information shall continue after the termination of your Internship with LTIMindtree.

"Confidential Information" which means any information, data or non-public business, commercial, personal, or technical information of LTIMindtree, its affiliates, parent company, their personnel, or that of their clients including but not limited to research and development projects, services, and business operations, which may be disclosed in writing, orally, electronically, by or on behalf of LTIMindtree. Any documents and information, which reflect, incorporate, and/or are generated using any such Confidential Information, will also be deemed as Confidential Information. All Confidential Information shall be deemed as LTIMindtree's trade secrets.

6. **Intellectual Property:** Title, interest, and ownership in all information, data, outputs, reports, codes, proprietary information or rights, materials, tools presentations, records, and intellectual property rights conceived, created, or developed by you in connection with or arising from your Internship, and/or making use of the Confidential Information shall vest solely and exclusively with LTIMindtree immediately upon creation without the need for any further act or payment of any remuneration. It is clarified that Section 19(4) of the Indian Copyright Act, 1957 shall not apply to any assignment of copyrights under this Letter and you hereby agree not to raise and waive all rights to raise, any objection or claim before the Indian Copyright Board with respect to the assignment pursuant to Section 19A of the Indian Copyright Act, 1957. Also, you may conceive newer and advanced methods to improve processes or systems during your internship; this will remain the sole property of LTIMindtree.
7. You agree to defend, indemnify and hold harmless LTIMindtree for any loss, liability, claim, costs, fines, and or damage suffered by LTIMindtree and its personnel as a consequence of any breach by you of this Letter, LTIMindtree's instructions or any Policies.
8. LTIMindtree, at its sole discretion and option, reserves the right to withdraw, suspend and/or amend the offer of Internship and the terms of this Letter at any time prior to the Commencement Date specified above, and you acknowledge and agree that any such action and/or amendment by LTIMindtree shall be binding upon you immediately without any consequence on LTIMindtree.
9. You will be an Intern for the Internship Duration. This Letter and the Internship Duration may be suspended, terminated, or reduced (as appropriate) immediately with notice from LTIMindtree to you.
10. Issuance of Internship Certificate is always subject to the successful completion of the entire Internship Duration and at the sole discretion of LTIMindtree.
11. LTIMindtree may receive and collect personal data relating to you, including sensitive personal data or information (as defined in the Information Technology Act 2000 and rules made thereunder) (collectively **"Personal Information"**). LTIMindtree may process such Personal Information for relevant and limited purposes in connection with managing your internship and/or the business of LTIMindtree. You consent to (i) the collection, use, processing, storage, export, and transfer of your Personal Information by LTIMindtree and third parties; and (ii) the transfer and disclosure of your Personal Information held by LTIMindtree to any third parties within India or outside of India, in accordance with the LTIMindtree's privacy policy and subject to applicable law.

12.

Internship Milestone	8 th Sem Stipend Reward (INR)*
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This Letter contains the entire understanding between you and LTIMindtree for your Internship and supersedes all previous discussions and agreements, whether oral or otherwise.

You agree and acknowledge that the Internship is being granted solely for training purposes and that you are not an 'employee' or a 'workman' of LTIMindtree for the purposes of any employment statute or under any law, and you are not entitled to any wages or any employment benefits (including but not limited to leave and statutory benefits) that are provided solely to employees of LTIMindtree.

This Letter and the relationship between us shall be governed by the laws of India and the courts at Bangalore, Karnataka, shall have exclusive jurisdiction over any disputes that may arise therefrom. LTIMindtree may apply for injunctive or other appropriate relief from any court of competent jurisdiction.

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We are confident that you will enjoy your experience with us and that the learning you derive will be mutually beneficial.

Looking forward to seeing your expertise in action soon!

Thanking You,

University Liaison & Early Career Engagement

LTIMindtree


ATTESTED
PRINCIPAL,
Kumarasamy College of Engineering
Thalavayalavai Karu - 630112

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system. LTIMindtree will not accept responsibility or liability for the accuracy or completeness of, or the presence of any virus or disabling code in this e-mail"



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K. Kumarasamy College of Engineering
Chalavanalavam Karu - 620112



INTERNSHIP APPROVAL FORM

Ref no: MKCE/T&P/INTERN/DEPT / *ECB*

/No.

Date: *5.11.22*

NAME (in block letters)	1. <i>V-GUKAN</i>	3.
	2.	4.
REG NO	1. <i>19BEC4064</i>	3.
	2.	4.
DEGREE <i>(please tick the appropriate box)</i>	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	<i>ELECTRONICS AND COMMUNICATION ENGINEERING</i>	YEAR/SEM <i>IV / V1</i>
CGPA	1. <i>7.911</i>	3.
	2.	4.
MOBILE NO	1. <i>9344007478</i>	3.
	2.	4.
INTERNAL GUIDE	NAME: <i>Dr. K. Karthikeyan</i>	DEPT: <i>ECB</i>
	DESIGNATION: <i>AP/ECB</i>	MOBILE NO: <i>99444 77213</i>
COMPANY/INDUSTRY NAME WITH ADDRESS <i>(proposed for internship)</i>	<i>SIENNA ECAD TECHNOLOGIES</i>	
COMPANY CONTACT PERSON	NAME: <i>Sangeetha</i>	EMAIL ID:
	DESIGNATION: <i>H.R</i>	MOBILE NO: <i>9840581955</i>
Stipend (Yes/No)	(if yes, Rs. <i>-</i> /month)	
TRAINING DOMAIN	<i>PCB</i>	
DURATION OF INTERNSHIP	FROM: <i>7/11/2022</i>	TO: <i>31/5/2023</i>
SIGNATURE OF THE STUDENTS	1. <i>[Signature]</i>	3.
	2.	4.
SIGNATURE WITH DATE	INTERNAL GUIDE	CLASS ADVISOR
	<i>[Signature]</i> <i>5/11/22</i>	<i>[Signature]</i> <i>5/11/22</i>

<i>[Signature]</i>	<i>[Signature]</i>	ATTESTED <i>[Signature]</i>
HOD/DEAN	PLACEMENT OFFICER	PRINCIPAL PRINCIPAL

Note :

- ✓ Permission letter from company is mandatory with this form
- ✓ Department staff coordinators are requested to collect the Attendance sheet & internship report post to the internship

Employment Agreement

This agreement is effective from **05-November-2022**

Parties to the agreement:

SIENNA ECAD Technologies Private Limited, a company incorporated under the Companies Act, 1956 and having its registered office at # 683, 1st Floor, 15th Cross, J P Nagar, 2nd Phase, Bangalore - 560078 (hereinafter referred to as "**the Company**", which expression shall unless repugnant to the subject or context thereof mean and include its successors and assigns)

And

GUKAN V born on 18-04-2002 residing on S/O, Mr.P. Vaithiyalingam, 4/16B, Kudi Street, Sellappampalayam, Selur, Paramathivelur, Namakkal, Tamil Nadu 637208.

Hereinafter referred to as "the employee" or "employee"

Background:

He/she agrees for the following terms & conditions:

1. Employment Term:

The employee hereby agrees and undertakes:

- i. To remain in the company's employment at least for a period of 24 months from the date this agreement is signed.
- ii. Where company finds that the candidate is not performing up to the expected levels, then the company reserves all rights to remove the concerned employee from the services at any given point of time.
- iii. If within the aforesaid period the employee resigns from the services of the company, for any reason whatsoever, or his services are terminated by the company pursuant to clause for any misconduct as specified in terms and conditions of the employment offer/agreement/Standing Orders of the Company or any other misconduct contrary to the service conditions applicable or due to gross unsatisfactory performance, he/she is bound to refund the cost as mentioned below immediately upon such termination or resignation.

If the candidate leaves the services before completion of 36 months from the date this agreement is signed, he/she will have to pay the company INR 3.00 lakhs.

2. Standard Terms & Conditions:

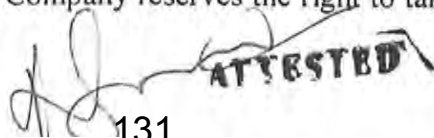


ATTESTED

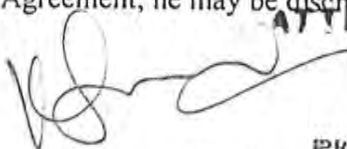
PRINCIPAL:

M. Kumarasamy College of Engineering
Kannur - 690119

- a. **Place of Work:** Employee agrees that at the sole discretion of the Company, he may be posted or transferred to work in any of the establishment, departments, offices or works of the corporate body, trust, society, association or organization existing or to be established in future whatsoever with which the Company may have any official connection in India or outside India.
- b. **Intellectual Property Rights:** The Company retains ownership of the intellectual property rights relating to inventions, patents and copy rights concerning work undertaken while in the employment of the Company and you shall cooperate fully in transferring, registering or in any way securing such rights for the benefit of the Company and/or defending such rights as may be required of you by the Company.
- c. **Confidentiality:** Employee understands that preventing the unauthorized disclosure or use of Confidential Information is of critical importance to Company in maintaining its competitive positions and performing its obligations. Any information concerning the business of Company, its affiliates, and the parties with which Company and its affiliates do business, including but not limited to strategies, methods, books, papers, drawings, photographs, instruments, apparatus, records and documents, technical information concerning its products, equipment, services and processes, customer lists, procurement procedures, pricing techniques, and credit and financial data concerning Company, its affiliates, its customers and other parties with which Company does business, all comprise proprietary and confidential business information and trade secrets are known as "Confidential Information". The candidate that he shall not, at any time during or after his employment by Company, (a) make any unauthorized disclosure of any Confidential Information or (b) make any use of any Confidential Information, except for purposes permitted and intended by Company, and for the benefit of, and on behalf of, Company. The candidate further agrees to observe and be bound by the terms of any agreement regarding the confidentiality of information provided by Company by others to which Company is bound and which Company has made known to the candidate. For the purposes of this paragraph, the term "Company" shall also include all affiliates of Company.
- d. **Fidelity:** Employee acknowledges and agrees that Employee owes a fiduciary duty of loyalty, fidelity and allegiance to act at all times in the best interests of Company and to do no act which would injure the business interests or reputation of the Company, or any of its subsidiaries or affiliates. In keeping with these duties, Employee shall make full disclosure to Company of all business opportunities pertaining to Company's business and shall not appropriate for Employee's own benefit business opportunities concerning the subject matter of the fiduciary relationship. Employee agrees that any direct or indirect interest in, connection with, or benefit from any outside activities, particularly commercial activities, which interest might in any way adversely affect Company or any of its affiliates, involves a possible conflict of interest. In keeping with Employee's fiduciary duties to the Company, Employee agrees that Employee shall not knowingly become involved in a conflict of interest with Company, or its affiliates, or upon discovery thereof, allow such a conflict to continue. Moreover, Employee agrees that Employee shall admit to any facts, which might involve such a conflict of interest that has not been approved by Company. Employee agrees that Company's determination as to whether a conflict of interest exists, shall be conclusive. Company reserves the right to take such action as, in its judgment, will end the conflict.

 ATTESTED

- e. **Non-Compete:** Employee acknowledges that he/she shall refrain from competing in any way against the Company. He/She shall not within or outside the India represent or act on behalf of any enterprise or enterprises that may conduct the business processes of the company, partially or in full or produce or sell products similar to those of the Company. The Employee shall not directly or indirectly establish or work in any such enterprise or enterprises and shall not promote them in any way whatsoever. Any and all exceptions from this competition prohibition require prior written consent by Company. This clause shall be effective for a period of 2 years from the date of termination of employment of employee by way of resignation, removal or otherwise.
- f. **One employment:** Employee agrees that during the period of employment with the Company he will devote all his time exclusively for the work as may be assigned by the Company from time to time and will not directly or indirectly engage in or serve in any capacity whatsoever either full time or part time or undertake or carry on or be concerned with or interested in any business, trade, profession or concern other than the work assigned by the Company.
- g. **Discipline:** Employee's employment shall also be subject to, and Employee shall comply with, Company policies contained in the policy manual and other similar documents, all as amended from time to time and provided to Employee.
- h. **Damages:** Where company suffers due to negligence or due to malicious acts of the candidate whether during his stay in the company as a trainee or probationary or as an employee or after he leaves the company, he shall be responsible to fulfill all direct and indirect losses to the company. Further company may also initiate unilateral legal action against the candidate.
- i. **Termination of employment:** The company may terminate the employment of the candidate under following circumstances with immediate effect:
- i. It is understood that this employment is being made on the basis of particulars as mentioned in the bio-data and Application for Employment. In case any information given by the Employee is found to be false or incorrect, the appointment will be deemed void ab initio and will be liable for termination without any notice or salary in lieu thereof.
 - ii. Employee agrees that the service with the company is subject to remaining physically and mentally fit. Employee will submit to medical examination any time on the directions of the Company.
 - iii. If an employee is guilty of misconduct (including dishonesty, absence without leave, disobedience of lawful orders or instructions or any conduct calculated to bring the company or its employees into disrepute) or if Employee is in breach of confidentiality clause of this Agreement, he may be discharged without any notice period.



ATTESTED
PRINCIPAL
K. J. S. College of Engineering
Chalavapattanam Karu - 620112

On termination of either training or probation or employment, the employee shall return his/her id card, documents in any format or any other assets belonging to the company that company might have provided to the employee, immediately.

- j. **Entire Agreement & Modification:** This Agreement constitutes the entire and exclusive agreement of the parties with regard to the subject matter hereof, supersedes any and all prior agreements written or oral with respect to Employee's employment, and contains all of the promises, representations, and agreements between the parties with respect to such employment. Modifications to the agreement shall be in writing and shall be signed by both the parties.
- k. **Severability:** If any provision of this Agreement shall be held invalid or unenforceable by any court of competent jurisdiction, the remainder of this Agreement, other than that portion determined to be invalid or unenforceable, shall be affected thereby and each valid provision of this Agreement shall be enforced to the fullest extent permitted by law.
- l. **Assignment:** This agreement may be assigned by the Company to any affiliate.
- m. **Governing Law:** The laws of India shall govern the validity, construction, and performance of the commitments of the employee.
- n. **Dispute resolution:** Any dispute arising from this order shall be subject arbitration at courts of Law at Bangalore only.
- o. **Force Majeure:** If the employee fails to perform the commitments made above, partially or totally due to an act of government, state of war or hostilities, act of God etc., which are beyond his/her control, then such failures should not be treated as breach of these commitments.



ATTESTED

PRINCIPAL
M. K. Srinivasan
Principal, K. J. Somaiya Institute of Engineering & Information Technology
Warananagar, Kurnool - 517017

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of January-2023

For SIENNA ECAD Technologies Private Limited



Signature of the Candidate:

Sathish O J
CEO



ATTESTED

PRINCIPAL
M. KUNJARASAMY College of Engineering
Chalavannalavam Karu 690118

05-November-2022

CONFIDENTIAL

To:

GUKAN V

S/O,

Mr.P. Vaithiyalingam, 4/16B, Kudi Street, Sellappampalayam, Selur,
Paramathivelur, Namakkal, Tamil Nadu 637208

Dear Mr. GUKAN V,

Further to your application and the subsequent interview you had with us, we are pleased to offer you the position of **"Trainee – PWB"** at our organization, reporting to the undersigned. You will be posted at our **Bangalore** office.

"Congratulations on your selection and we welcome you to the SIENNA family"

Please refer the Annexure for the details of your emoluments and benefits.

Kindly revert with your acceptance and confirm your date of joining on or before 05-Nov-2022.

On the day of joining, you are required to bring along with you the following documents:

1. Xerox copies of all original educational certificates and certificate for proof of age.
2. 4 passport size photographs.
3. Relieving letter and salary / income tax certificate from the previous employer.
4. PAN Card Copy
5. ID Proof – Aadhaar/Passport/Driving License, Voter ID Card etc

Please note that on joining the Company, you will be required to sign an Employment Agreement, which contains the Confidentiality and Fidelity Undertaking and the Service Agreement.

We look forward to your joining our organization for a rewarding and mutually beneficial car

Thanking you,

For SIENNA ECAD Technologies Pvt. Limited



Sathish O J
CEO



ATTESTED

PRINCIPAL
K. KUMARASAMY College of Engineering
Chalavabaturam K8F4 -630112

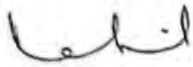
ANNEXURE

Name : GUKAN V		
Designation : Trainee – PWB Design		
Salary Components	Salary (Month)	Salary (Annual)
Salary		
Basic	15,000	1,80,000
HRA .	6,678	80,136
Special Allowance	-	-
Reimbursements		
Conveyance (Petrol / Diesel)	-	-
LTA (to be paid / reimbursed annually)	-	-
Gross Pay (A)	21,678	2,60,136
Retirals (B)		
Provident Fund - Employer's Contribution	1800	21,600
Gratuity	722	8,664
Employee State Insurance	-	-
Others (C)		
Mediclaim Premium	300	3,600
Food Coupon	500	6,000
Total Cost to Company (A+B+C)	25,000	3,00,000

Note: -

- 1) Gratuity will be paid as per the provisions of Gratuity Act 1972.
- 2) Gross Salary subject to deduction of applicable taxes at source.

For SIENNA ECAD Technologies Pvt. Limited



Sathish O J
CEO



ATTESTED

PRINCIPAL,
M Kumarasamy College of Engineering
"Chokkikulavai" Karaikal - 630112

M.KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM-KARUR

Department of Electronics and Communication Engineering

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: SIENNA ECAD TECHNOLOGIES.

Duration of the Training/Internship: _____

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution					✓
2	The tasks given are challenging and testing your mettle				✓	
3	The tasks given are able to complete within the given duration				✓	
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees					✓
5	The colleagues provide good support and receptive of industrial trainees				✓	
6	I get along well with colleagues					✓
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.				✓	
8	The training has prepared me well to work in the industry in terms of techniques and skills					✓
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.					✓

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

The Internship program was excellent.

GENERAL COMMENTS OR SUGGESTIONS FOR CURRICULUM IMPROVEMENT

NIL.

Rakhi
Signature:

Name: GURKAN.V

Reg No: 19BECAD064

[Signature]

ATTESTED

INTERNSHIP APPROVAL FORM

Ref no: MKCE/T&P/INTERN/DEPT

No.

Date: 23/1/2023

NAME (in block letters)	1. HARIHARAN. P	3.
	2.	4.
REG NO	1. 19BEC4067	3.
	2.	4.
DEGREE <i>(please tick the appropriate box)</i>	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	ECE	YEAR/SEM
CGPA	1. 8	3.
	2.	4.
MOBILE NO	1. 89039 39046	3.
	2.	4.
INTERNAL GUIDE	NAME: Dr. MEIVEL. S	DEPT: ECE
	DESIGNATION: AP	MOBILE NO: 9003713212
COMPANY/INDUSTRY NAME WITH ADDRESS <i>(proposed for internship)</i>	MALLOW TECHNOLOGIES, KARUR	
COMPANY CONTACT PERSON	NAME:	EMAIL ID:
	DESIGNATION:	MOBILE NO:
Stipend (Yes/No)	No	(if yes, Rs. _____/month)
TRAINING DOMAIN	DEVELOPER	
DURATION OF INTERNSHIP	FROM: 23/01/2023	TO: ___/___/___
SIGNATURE OF THE STUDENTS	1. P. Harish	3.
	2.	4.
SIGNATURE WITH DATE	INTERNAL GUIDE	CLASS ADVISOR
	<i>[Signature]</i>	<i>[Signature]</i> 23/1/2023

<i>[Signature]</i> 23/1/23	<i>[Signature]</i> 23/1/23	ATTESTED <i>[Signature]</i> 23/1/23
HOD/DEAN	PLACEMENT OFFICER	PRINCIPAL - PRINCIPAL

Note :

- ✓ Permission letter from company is mandatory with this form
- ✓ Department staff coordinators are requested to collect the Attendance sheet & internship report post to the Internship

Kumarasamy College of Engineering
Kudalasangam Road, Karaikal



Saturday, 22nd October, 2022

JOB OFFER LETTER

Hariharan P
No.14,Sullimadipudur,
Ayyampalayam,
Kodumudi, Erode.

Dear Hariharan,

With reference to the discussions we had with you, we are pleased to offer you the job offer with the role of "Developer - Trainee" in Mallow Technologies Private Limited.

Your Annual CTC will be **INR.4,20,000/-**. The detailed pay structure is presented in **Annexure A**.

Your appointment will be governed by the terms and conditions of the employment presented in **Annexure B**. You will also be governed by the rules, regulations and practices in vogue and those that may change from time to time.

Please note:

- This appointment is subject to satisfactory professional reference checks.
- This offer is valid provided you complete our training and your degree course in this academic year 2022-2023.
- The notice period for both the company and you is 65 working days.

We look forward to your joining with us. If you have any clarifications or questions, please feel free to contact us. Kindly let us know your acceptance of the offer by replying to the email on or before **Friday, 28th October 2022**.

ATTESTED

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: MALLOW TECHNOLOGIES KARUR

Duration of the Training/Internship: _____

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution					
2	The tasks given are challenging and testing your mettle					
3	The tasks given are able to complete within the given duration					
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees					
5	The colleagues provide good support and receptive of industrial trainees					
6	I get along well with colleagues					
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.					
8	The training has prepared me well to work in the industry in terms of techniques and skills					
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.					

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

EXCELLENT

GENERAL COMMENTS OR SUGGESTIONS FOR CURRICULUM IMPROVEMENT

P. Venkay
Signature:

Name: HARIHARA.P

Reg No: 19BEC4067

ATTESTED



M.Kumarasamy
College of Engineering

NAAC Accredited Autonomous Institution
Approved by AICTE & Affiliated to Anna University
ISO 9001:2015 Certified Institution
Thalavapalayam, Karur, Tamilnadu.



Format No : ACD_18_F_03
Issue : 01
Issue date : 18.06.2018

INTERNSHIP APPROVAL FORM

Ref no: MKCE/T&P/INTERN/DEPT

/No.

Date: 23/01/2023

NAME (in block letters)	1. K KAVIYANANDH	3.
	2.	4.
REG NO	1. 19BEC4099	3.
	2.	4.
DEGREE <i>(please tick the appropriate box)</i>	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	ECE	YEAR/SEM IV / VIII
CGPA	1. 7.8	3.
	2.	4.
MOBILE NO	1. 93450 49317	3.
	2.	4.
INTERNAL GUIDE	NAME: Dr. Meivel S	DEPT: ECE
	DESIGNATION: AP	MOBILE NO: 9003713212
COMPANY/INDUSTRY NAME WITH ADDRESS <i>(proposed for internship)</i>	MALLOW TECHNOLOGIES, KARUR	
COMPANY CONTACT PERSON	NAME:	EMAIL ID:
	DESIGNATION:	MOBILE NO:
Stipend (Yes/No)	NO (if yes, Rs. _____ /month)	
TRAINING DOMAIN	DEVELOPER	
DURATION OF INTERNSHIP	FROM: 23/01/2023	TO: ___/___/___
SIGNATURE OF THE STUDENTS	1. K. Divya Anitha	3.
	2.	4.
SIGNATURE WITH DATE	INTERNAL GUIDE	CLASS ADVISOR
	<i>[Signature]</i>	<i>[Signature]</i> 23/1/2023

<i>[Signature]</i> 23/1/23	<i>[Signature]</i> 23/1/23	APPROVED <i>[Signature]</i> 23/1/23
HOD/DEAN	PLACEMENT OFFICER	PRINCIPAL

Note :

- ✓ Permission letter from company is mandatory with this form
- ✓ Department staff coordinators are requested to collect the Attendance sheet & internship report post to the internship

M.Kumarasamy College of Engineering
Thalavapalayam Karur - 630117



Saturday, 22nd October, 2022

JOB OFFER LETTER

Kaviyanandh K
No.17A/8A1 Karuppannan Street,
Ramapuram Pudur,
Namakkal.

Dear Kaviyanandh,

With reference to the discussions we had with you, we are pleased to offer you the job offer with the role of "Developer - Trainee" in Mallow Technologies Private Limited.

Your Annual CTC will be **INR.4,20,000/-**. The detailed pay structure is presented in **Annexure A**.

Your appointment will be governed by the terms and conditions of the employment presented in **Annexure B**. You will also be governed by the rules, regulations and practices in vogue and those that may change from time to time.

Please note:

- This appointment is subject to satisfactory professional reference checks.
- This offer is valid provided you complete our training and your degree course in this academic year 2022-2023.
- The notice period for both the company and you is 65 working days.

We look forward to your joining with us. If you have any clarifications or questions, please feel free to contact us. Kindly let us know your acceptance of the offer by replying to the email on or before **Friday, 28th October 2022**.

ATTESTED



Annexure A

SALARY DISTRIBUTION

Name : Kaviyanandh K
Designation : Developer - Trainee

Particulars	Monthly (Rs.)	Annual (Rs.)
Basic	9,774	1,17,288
House Rent Allowance	3,910	46,920
Mobile/Internet Reimbursement*	1,000	12,000
Special allowance	17,896	2,14,752
RETIRALS		
Company's Contribution of PF	1,800	21,600
Gratuity		5,640
Health Insurance		1,800
Total CTC	34,380	4,20,000

** Receipts are required to claim tax benefits.*

Retirement Benefits:

Provident Fund

You are covered under the Employee Provident Fund from your date of joining the organisation as an employee. Under this scheme, the company will contribute an amount per month as employer contribution as per the provisions of the said Act. An equal amount will be deducted from your salary as your contribution towards the fund.

Gratuity

You will be entitled to gratuity as per the provisions of the Gratuity Act, 1972.

ATTESTED



Health Insurance:

After completing the probation period at our company, You and your family(Spouse/Children) will be eligible for the Employee's Group Health insurance scheme (ICICI Lombard) for a sum insured of ₹ 3 Lakhs per annum.

Annexure B

The terms and conditions for your Training/Project internship are listed below:

1. Candidate's have to arrange their own and good working condition laptop during the training period. However during project internship, Laptop will be provided by company.
2. There will be 3 months training period followed by the project internship based on your availability. During the training period, you will be provided with assignments that has to be done and submitted by you. These assignments will help you develop a solid understanding of the platform fundamentals you will be working on in the future. With the support of a well-defined process, curated materials, and professional advice, you can accomplish the assignments and tasks.
3. The working model will be hybrid during the training period. You will have the weekly assessment during the training period. Based on your performance, you may be informed to come to the office regularly.
4. Upon completion of training, an interview will be scheduled to evaluate the skills that you have learned in your training period. Clearing that interview will be considered as successful completion of the training.
5. If you cannot complete the training successfully, you may be given another chance by extending your training period for genuine reasons.
6. On successfully completing the training, you will be absorbed as a project intern or Developer-Trainee based on your academic completion.
7. During the project internship, candidates should come to the office regularly, and as said above, the company will provide laptop.
8. During Project Internship, you will be provided with a stipend of INR.15,000/Month based on the number of days available for the work. But there won't be any stipend provided to candidates during training. Candidates should cover all their expenses, including travel, food and accommodation during training period.

ATTESTED

PRINCIPAL,



9. We do not provide projects for individual students (final year). However, the students can generate a report or document about their training/project internship in our company to be submitted as their final report.
10. The working days are from Monday to Saturday and the working hours are from 9.00 AM to 6.00 PM with a lunch and Tea break of 1 hour. The first Saturday of every month will be a Holiday during your training/project internship period.
11. You will be allowed a leave of 1 day per month – including sick leave and personal leave during training and project internship.
12. Your performance in the training and project internship will also be taken into account in deciding your ability and further decisions.

The terms and conditions for your appointment are listed below:

1. Once appointed as an employee, you will be under probation, and upon successful completion of six months of probation your employment will be evaluated.
2. The working days are from Monday to Saturday during your probation period. The first Saturday of every month will be a Holiday during your probation period.
3. After successfully completing the probation period, working days are from Monday to Friday.
4. The list of holidays for every calendar year will be provided before the start of the year.
5. Our usual performance cycle will be in April, and you will be considered for salary revision after completing one year as employee with us.
6. The employees should put their best effort during business hours for the betterment of the Company. The Company encourages the employees to complete their responsibilities within office hours. The office timing will be 9.00 AM to 6.00 PM with a lunch and Tea break of 1 hour. However, working hours may be extended for individuals to complete their tasks as planned.
7. You will be allowed a leave of 1.5 days per month – including sick leave, personal leave and vacation. The unused leaves can be forwarded only to the next five months. Absence over and above the allowed leave will lead to loss of pay. Unapproved absence may lead to job termination.
8. During your employment with us, you are not allowed to engage in other business/employment directly or indirectly.
9. You will retire from the services of the Company on reaching your 58th birthday as per the proof of age submitted by you at the time of joining.

ATTESTED



10. The acceptance of this offer implies you are bound by all the rules and regulations of the company.

General Terms:

1. The confidential details about the company's business and its data that are known to you are to be maintained secretly, and they should not be divulged or discussed with anyone other than the authorised person in the company. You are required to sign a non-disclosure agreement, which aims to protect the intellectual property rights and business information of Mallow Technologies Private Limited and its clients.
2. You are expected to maintain good conduct in and out of the office and maintain the Company's dignity, failing which may lead to disciplinary action and may result in a termination of your Job.

Regards,
HR Team
Mallow Technologies Private Limited

ATTESTED

PRINCIPAL:
M. Kumarasamy College of Engineering
M. Palayam Karur - 630112

M. KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM-KARUR

Department of Electronics and Communication Engineering

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: MALLOU TECHNOLOGIES, KARUR

Duration of the Training/Internship: 1 year

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution				✓	
2	The tasks given are challenging and testing your mettle				✓	
3	The tasks given are able to complete within the given duration				✓	
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees					✓
5	The colleagues provide good support and receptive of industrial trainees					✓
6	I get along well with colleagues					✓
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.				✓	
8	The training has prepared me well to work in the industry in terms of techniques and skills				✓	
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.					✓

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

GOOD

GENERAL COMMENTS OR SUGGESTIONS FOR CURRICULUM IMPROVEMENT

NILL

Signature: K. Ravi Anandh Name: K. KAVIYANANDH Reg No: 19BEC4099

 **ATTESTED**

**INTERNSHIP APPROVAL FORM**

Ref no: MKCE/T&P/INTERN/DEPT /ECE

/No.

Date: 25-01-2023

NAME (in block letters)	1. ARUN, A	3.
	2.	4.
REG NO	1. 19BEC4012	3.
	2.	4.
DEGREE (please tick the appropriate box)	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	ECE	YEAR/SEM IV / V
CGPA	1. 8.867	3.
	2.	4.
MOBILE NO	1. 9361483484	3.
	2.	4.
INTERNAL GUIDE	NAME: Mr. S. MOHANRAJ	DEPT: ECE
	DESIGNATION: AP	MOBILE NO: 9976775159
COMPANY/INDUSTRY NAME WITH ADDRESS (proposed for internship)	TCS, Chennai.	
COMPANY CONTACT PERSON	NAME: Abhishek Saxena	EMAIL ID: abhishek71.s@tcs.com
	DESIGNATION: HR	MOBILE NO: +91 2267782000
Stipend (Yes/No)	No	(if yes, Rs. _____ /month)
TRAINING DOMAIN	SYSTEM ENGINEER	
DURATION OF INTERNSHIP	FROM: 23 / 01 / 2023	TO: 15 / 05 / 2023
SIGNATURE OF THE STUDENTS	1.	3.
	2.	4.
SIGNATURE WITH DATE	INTERNAL GUIDE	CLASS ADVISOR

HOD/DEAN	PLACEMENT OFFICER	PRINCIPAL

Note:

- ✓ Permission letter from company is mandatory with this form
- ✓ Department staff coordinators are requested to collect the Attendance sheet & internship report post to the internship

ATTESTED
PRINCIPAL
M.Kumarasamy College of Engineering
Thalavapalayam, Karur, Tamilnadu



Internship Offer Letter

Ref: TCSL/AIP 2022-23/Winter/DT20217540650

Date: 17-Jan-2023

Arun A
M.KUMARASAMY COLLEGE OF ENGINEERING
arunariraja1@gmail.com

Dear Arun A ,

Sub: Internship Offer

We are pleased to offer you internship in Tata Consultancy Services (TCS) with the following terms and conditions:

1. The tentative start date is 23-Jan-2023 and end date is 15-May-2023. These dates can be changed in discussion with the Project Guide
2. You will be assigned a Project Guide under whose supervision you will work on the project assigned to you.
3. You shall complete your project in accordance with the requirements and guidance of the TCS Project Guide, and maintain qualitative standards as required. You will maintain the discipline, dignity, honor and goodwill of TCS.
4. The arrangement is not that of an employer and an employee and as such you shall not be eligible to any allowances or other benefits as may be available to the employees of TCS.
5. You will observe the rules & regulations and discipline of TCS, and also maintain complete confidentiality and secrecy of the matters pertaining to TCS and/or any data that has been provided to you in the course of your project work. The detailed terms of Confidentiality, Data and Intellectual Property Protection are enclosed as Annexure A. You will be permitted to attend any classes in the college / university at the discretion of the Project Guide if so called for during the period of your project assignment.
6. On completion of your internship you will be required to submit a copy of your project report, which will be the sole property of TCS.
7. You shall not undertake any internship in parallel with this internship
8. In the event of any misconduct or breach of terms of this internship on the part of the Intern during the internship period, TCS reserves the right to terminate internship without any notice.
9. This offer of Internship will be governed as per the Laws of India.

TATA CONSULTANCY SERVICES

Tata Consultancy Services Limited
Yantra Park, Opp. Voltas HRD Trg. Center, Subhash Nagar, Pokhran Road No. 2, Thane (West) 400 601 India
Tel +91 22 6778 2000/2222 Fax +91 40 6778 2190 website: www.tcs.com
Registered Office Nimal Building, 9th Floor, Nariman Point, Mumbai 400 021

ATTESTED

PRINCIPAL

M.KUMARASAMY College of Engineering
Mumbai 400 601



You are required to sign and return a copy of this Internship Offer letter and the Annexure towards your acceptance of the terms and conditions stated therein.

For Tata Consultancy Services

Richard King

Richard King Chatragadda
Academic Relationship Manager

Accepted,

Name of the Intern: Arun A

Date:

[Signature]

ATTESTED

PRINCIPAL,
Kumarasamy College of Engineering
Chalavapalavam Kanchi 610117

TATA CONSULTANCY SERVICES

Tata Consultancy Services Limited
Yantra Park, Opp. Voltas HRD Trg. Center, Subhash Nagar, Pokhran Road No. 2, Thane (West) 400 601 India
Tel +91 22 6778 2000/2222 Fax +91 40 6778 2190 website: www.tcs.com
Registered Office Nirmal Building, 9th Floor, Nariman Point, Mumbai 400 021



Annexure A

Confidentiality, Data and Intellectual Property Protection

1. Confidential Information

"Confidential Information" shall mean any and all Inventions and Know-how, information and material of TCS (including for avoidance of doubt any Confidential Information of its Clients) that comes into the possession or know of the Intern and shall include the following:

- a) Any and all information processing programs, software, properties, items, information, data, material or any nature whatsoever or any parts thereof, additions thereto and materials related thereto, produced or created at any time by TCS or the Intern in the course of or in connection with or arising out of the Intern's association with TCS. Program/Software shall mean source code and/or machine instructions wherever resident and on whatever media and all related documentation and software,
- b) All other information and material of TCS relating to design, method of construction, manufacture, operation, specifications, use and services of the TCS equipment and components, including, but not limited to, engineering and laboratory notebooks, reports, process data, test data, performance data, inventions, trade secrets, systems, software, object codes, source codes, copyrighted matters, methods, drawings, computations, calculations, computer programs, narrations, flow charts and all documentation therefore and all copies thereof (including for avoidance of doubt any such material belonging to the Clients of TCS).
- c) Corporate strategies and other confidential and proprietary material and information, which could cause competitive harm to TCS if disclosed,
- d) Customer and prospective customer lists, and
- e) All other information and material, which may be created, developed, conceived, gathered or collected or obtained by the Intern in the course of or arising out of the association with TCS or while in or in connection with or for the purposes of his/her association with TCS or any of the operations and entrusted by TCS to the Intern.

2. Intern's Obligations

Intern agrees to treat the Confidential Information as strictly confidential and a trade secret of TCS. Intern agrees not to use, or cause to be used, or disclose or divulge or part with either directly or indirectly any Confidential Information for the benefit of or to any third parties except for or on behalf of or as directed or authorized by TCS or to a person

TATA CONSULTANCY SERVICES

Tata Consultancy Services Limited

Yantra Park, Opp. Voltas HRD Trg. Center, Subhash Nagar, Pokhran Road No. 2, Thane (West) 400 601 India
Tel +91 22 6778 2000/2222 Fax +91 40 6778 2190 website: www.tcs.com
Registered Office Nirmal Building, 9th Floor, Nariman Point, Mumbai 400 021

ATTESTED

PRINCIPAL

of Annarasamy College of Engineering
Chennai - 600 012



having a valid contract with TCS. Upon termination of employment, the Intern agrees to surrender to TCS all Confidential Information that he or she may then possess or have under his or her control.

3. Intellectual Property Rights

Intern agrees and confirms that all intellectual property rights in the Confidential Information shall at all times vest in and remain with or belong to TCS and Intern shall have no right title or claim of any nature whatsoever in the Confidential Information. Intern shall promptly disclose to an authorized officer of TCS all inventions, ideas, innovations, discoveries, improvements, suggestions, or reports and enhancements made, created, developed, conceived or devised by him or her arising out of his or her engagement with TCS, including in the course of provision of services to the Clients of TCS and Intern hereby agrees and confirms that all such intellectual property rights shall at all times vest in and remain vested in TCS and agrees to transfer and assign to TCS any interests Intern may have in such intellectual property rights including any interest in and to any domestic or foreign patent rights, trademarks, trade names copyrights and trade secret rights therein and any renewals thereof. On request of TCS, Intern shall execute from time to time, during or after the termination of his or her employment, such further instruments, including without limitations, applications for letters of patent, trademarks, trade names and copyrights or assignments thereof, as may be deemed necessary or desirable by TCS to perfect the title of TCS in the intellectual property rights and to effectuate the provisions hereof. All expenses of filing or prosecuting any application for patents, trademarks, trade names, or copyrights shall be borne solely by TCS, but Intern shall co-ordinate in filing and / or prosecuting any such applications. Intern hereby expressly waives any "artist's rights" or "moral rights", which Intern might otherwise have in such intellectual property rights.

4. Prior knowledge

Intern acknowledges that prior to his or her appointment by TCS, he or she had no knowledge of the Confidential Information of TCS and that such Confidential Information is of a confidential and secret character and is vital to the continued success of TCS's business. Intern further acknowledges that he or she is associated with TCS in a capacity in which he or she will become acquainted with all or part of such Confidential Information. In order to safeguard the legitimate interests of TCS in such Confidential Information, it is necessary for TCS to protect such Confidential Information by holding it secret and confidential.

TATA CONSULTANCY SERVICES

Tata Consultancy Services Limited

Yantra Park, Opp. Voltas HRD Trg. Center, Subhash Nagar, Pokhran Road No. 2, Thane (West) 400 601 India

Tel +91 22 6778 2000/2222 Fax +91 40 6778 2190 website: www.tcs.com

Registered Office Nimal Building, 9th Floor, Nariman Point, Mumbai 400 021

ATTESTED

PRINCIPAL

of Kumaraswamy College of Engineering
Chitavanalavam Karu - 630117



5. Use of Third-Party material

Intern expressly agrees that he or she shall not in the course of his or her association with TCS and while working on the premises or facilities of TCS or its Clients or in connection with the development of any intellectual property rights or work for or on behalf of TCS;

- a) Use any Third-Party material or intellectual property rights except those intellectual property rights provided by TCS or expressly authorised by TCS or without having proper authorisation or license or approval of the respective owner of such intellectual property rights.
- b) Participate in any activity for creation (including conception, design, development, testing, implementation, support or marketing) of any Intellectual Property for or on behalf of TCS or its affiliates if he or she has been exposed, directly or indirectly, to any Third Party IP which is in the same subject area (such as research area, technology or application area) as, or which is same or similar to, the Intellectual Property or any portion thereof, to be so created, unless;
 - i. Intern has expressly declared to TCS in a prescribed form whether such exposure was owing to publicly available information or under and subject to any agreement; AND
 - ii. TCS has expressly confirmed to the Intern that TCS has proper authorization or license or approval of the respective owner of such Third-Party IP to use the same in Intellectual Property or portion thereof to be created and authorized in writing Intern's participation in such activity.
- c) Knowingly access, make reference to or use any Third Party IP (except as permitted under Section 5(a), directly or indirectly, during the period of association with the creation (conception, design, development, testing, implementation, support or marketing) of TCS Intellectual Property or portion thereof, which is in the same subject area of TCS Intellectual Property or which is same or similar to such TCS Intellectual Property or portion thereof being created. In case, Intern access or is exposed to any such Third-Party IP during such association, Intern shall promptly bring it to the notice of TCS IP asset owner or TCS project manager in writing and immediately cease to participate in any such activity.

6. Security policies and Guidelines

- 6.1 Intern agrees to abide by and be bound by any and all policies, documents, guidelines and processes including IP, Information Security and Confidentiality of TCS in force from time to time whether expressly endorsed or not.
- 6.2 Intern acknowledge and agree that in the course of, and as a result of his/her engagement with TCS, Intern will have access to, obtain or come across personal

TATA CONSULTANCY SERVICES

Tata Consultancy Services Limited

Yantra Park, Opp. Voltas HRD Trg. Center, Subhash Nagar, Pokhran Road No. 2, Thane (West) 400 601 India

Tel +91 22 6778 2000/2222 Fax +91 40 6778 2190 website: www.tcs.com

Registered Office Nirmal Building, 9th Floor, Nariman Point, Mumbai 400 021

AS
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PRINCIPAL

Parasamy College of Engineering
www.parasamycollege.com



data or information of other TCS Associates or Clients, including without limitation, sensitive personal data or information (collectively "Personal Data and Information") within the meaning of the applicable Indian Law and Rules or any other applicable Law, directive or regulation anywhere in the world. In respect of any such Personal Data and Information accessed, obtained, acquired or processed by Intern for and on behalf of TCS, its affiliates or Clients, Intern undertake that he/she will:

- a) Process the Personal Data and Information only on behalf of TCS, its Affiliates or Clients, as the case may be, and only on and in accordance with instructions received from the data controller from time to time;
- b) Abide by such technical and organizational measures necessary to prevent the accidental or unlawful destruction or accidental loss, alteration, un-authorized disclosure or access to the Personal Data and Information;
- c) Promptly (and in any event within 24 hours of awareness) bring to notice of TCS or its Affiliates, as the case may be, of any actual or suspected incident of unauthorized or accidental disclosure of, or access to, the Personal Data and Information or other breach of this section (a "Security Breach");
- d) Promptly provide TCS with all information in Intern's notice, possession or control concerning any Security Breach and not make any public announcement regarding a Security Breach without TCS' prior written consent;
- e) Not do, or omit to do, anything, which would cause TCS or any of its employees, officers or agents to be in breach of its obligations under any privacy or data protection policy, regulation or legislation;
- f) Upon expiry or termination of Intern's engagement with TCS, return all copies of the Personal Data and Information to TCS in Intern's possession or control; and
- g) Promptly bring to TCS' notice of any request received from a data subject to have access to his/her Personal Data and Information or of any other communication relating to the access, use or processing of any Personal Data and Information (including any notice from the regulatory body) and fully co-operate and assist TCS in relation to any such request or communication.

6.3 Intern expressly consent that TCS and/or its affiliates may collect, use, transfer, retain or otherwise process Intern's Personal Data and Information in connection with his/her engagement with TCS, in accordance with the then / current TCS policies and procedures and applicable privacy and data protection legislation. TCS may use Third-Party services or sub-contractors to collect or otherwise process Intern's Personal Data and Information for which TCS shall remain responsible for

TATA CONSULTANCY SERVICES

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Kumarasamy College of Engineering

Chennai - 600 034



such Third-Party services provider or sub-contractor's compliance with TCS' obligations hereunder.

7. Working in SBWS™ Framework

Intern may be required to work in TCS or its Client's premises or from home (remote working) as per the directions of supervisor and / or the provisions of the applicable policy. Intern understands that working in this hybrid environment may have higher confidentiality and information security risks. Intern acknowledges that when working remotely the Intern:

- a) will work only in a private, secured work area in compliance with the guidelines issued and amended from time to time.
- b) will comply with and work in a manner consistent with TCS Data Privacy and Security Policies/Protocols.
- c) will bring to the notice of HR of the Unit to any circumstances that prevent Intern from working in a manner consistent with TCS data privacy and security policies/protocols.
- d) will inform the HR of the Unit if the Intern shares a home with any family member or an individual who is employed by a competitor of TCS or TCS client the Associate is assigned to, or if any other circumstances at home exist which implicates the TCS Code of Conduct Conflict of Interest provision;
- e) will ensure utmost care and adhere to Confidentiality, IP Protection / Non-Disclosure obligations.
- f) will be using the Company allotted laptop or similar authorized computing device (together called "official asset") only to connect to TCS network/customer network through authorized means (or the Customer provided laptop to access the customer network if so, mandated by the Customer).
- g) will not allow anybody to share the official asset being used
- h) where allowed to use personal workstation/laptop or similar computing device (together called "personal asset") to connect to TCS network/customer network, Intern will ensure that he/she fully complies with obligations under this Confidentiality, IP Protection / Non-Disclosure Agreement and adheres to the security best practices that is generally followed and ensure that Intern's access to TCS / TCS Client systems is in line with the approved model. The Intern further agrees that by seeking permission to use a personal asset, the Intern implicitly authorizes the Company to have unhindered access to run scans / forensics, should there be justified reasons to do so.

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8. Restriction on Intern's Rights

Intern agrees that he or she shall not make, have made, replicate, reproduce, use, sell, incorporate or otherwise exploit, for his or her own use or for any other purpose, any of the Confidential Information including intellectual properties of TCS that is or may be revealed to him or her by TCS or which may in the course of his or her employment with TCS come into his or her possession or knowledge unless specifically authorized to do so in writing by TCS.

9. No License

TCS and Intern agree that no license under any patent or copyright now existing or hereafter obtained by TCS is granted, agreed to be granted, or implied by the terms of this Agreement, or by the disclosure to Intern of the Confidential Information.

10. Equitable Rights

Intern acknowledges that any Confidential Information that comes into the possession and / or knowledge of Intern is of a unique, highly confidential and proprietary nature. It is further acknowledged by Intern that the disclosure, distribution, dissemination and / or release by Intern of the Confidential Information without the prior written consent of TCS or any breach of the Confidentiality Clause by Intern will cause TCS to suffer severe, immediate and irreparable damage and that upon any such breach or any threat thereof, TCS shall without prejudice to any other remedies available to it, be entitled to appropriate equitable relief including the relief of specific performance and injunctive relief, in addition to whatever remedies it might have at law.

11. General

- a) The provisions hereof shall be interpreted, determined and enforced in accordance with the laws of India.
- b) In the event of any dispute or disagreement over the interpretation of any of the terms herein contained or may claim or liability of any party, the same shall be referred to a person to be nominated by TCS, whose decision shall be final and binding upon the parties hereto. Subject to the above, the arbitration shall be governed by the Arbitration and Conciliation Act, 1996 or any modifications or re-enactment thereof. Intern confirms that the fact that the arbitrator shall be a nominee of TCS shall not be a ground for objecting to such arbitration or challenging the decision of the arbitrator. The venue of arbitration shall be Mumbai. Subject to the

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Registered Office Nimal Building, 9th Floor, Nariman Point, Mumbai 400 021

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- above arbitration clause, the Parties agreed to the binding jurisdiction of the Courts at Mumbai under the laws of India.
- e) If any provision hereof shall be found by a judicial tribunal to be contrary to governing law, it shall be deemed null and void without annulling or rendering invalid the remainder of the Agreement and if the invalid portion is such that the remainder cannot be sustained without it, the Parties herein shall find a suitable replacement to the invalid portion that shall be legally valid.
 - d) This Confidentiality clause along with other documents executed by Intern or referenced in any such documents constitutes the entire understanding between the parties and supersedes all prior agreements and understandings pertaining to the subject matter thereof. No delay of omission of either Party in exercising or enforcing any of their rights or remedies hereunder shall constitute a waiver thereof.
 - e) This Confidentiality clause may not be amended except in writing signed by authorized representatives of both parties.
 - f) The obligations of Intern in terms of this Confidentiality clause shall continue during the term of or in the course of the internship of the Intern with TCS and shall continue thereafter in perpetuity.

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M. Mahalingam College of Engineering
Tatvanalavam, Karaikal - 620119

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Yantra Park, Opp. Voltas HRD Trg. Center, Subhash Nagar, Pokhran Road No. 2, Thane (West) 400 601 India
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Registered Office Nirmal Building, 9th Floor, Nariman Point, Mumbai 400 021

DT20217540650 - Arun A - TCS Internship Offer Letter & Guidelines Inbox x

A

Abhishek Saxena <abhishek71.s@tcs.com>
to me ▾

18 Jan 2023, 11:30 (6 days ago)

TCS Confidential

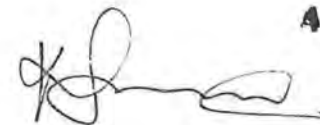
Dear Arun A,

Greetings from TCS!

We are happy to offer you **Remote Internship** in TCS from **23-Jan-2023** to **15-May-2023**

If you are accepting this internship offer, below are the guidelines that you need to adhere to:

- Please go through the attached Internship Offer letter along with confidentiality agreement attached as Annexure A
- Print the document attached, on A4 size white sheets
- Sign at the bottom right side on all pages. On 2nd page sign above Intern Name next to the word Accepted and mention the date
- Ensure that all pages are signed and then Scan the all 9 pages of the document as pdf
- Send the scanned copies of the following documents to my email id by **20-Jan-2023**.
 - Internship Offer Letter along with confidentiality agreement (signed on all pages)
 - College ID Card
 - College NOC letter / Bonafide Certificate
 - Government ID & Address Proof
 - Resume
- You will be onboarded as a Project Intern only after we receive the scanned copies mentioned above
- After receiving the scanned document, I will confirm if all the signatures are in order.



ATTENDED

PRINCIPAL

K. Kumarasamy College of Engineering
Puliyandilur, Karaikal - 620112

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: TCS CHENNAI

Duration of the Training/Internship: one year

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement


FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the Institution				✓	
2	The tasks given are challenging and testing your mettle					✓
3	The tasks given are able to complete within the given duration				✓	
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees				✓	
5	The colleagues provide good support and receptive of industrial trainees					✓
6	I get along well with colleagues				✓	
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.				✓	
8	The training has prepared me well to work in the industry in terms of techniques and skills				✓	
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.					✓

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

GOOD

GENERAL COMMENTS OR SUGGESTIONS FOR CURRICULUM IMPROVEMENT

NIL

Signature: 

Name: ARUN A

Reg No: 19BEC4012



ATTESTED



INTERNSHIP APPROVAL FORM

Ref no: MKCE/T&P/INTERN/DEPT ECE

/No.

Date: 05/11/2022

NAME (in block letters)	1. S. SUJEETH H	3.
	2.	4.
REG NO	1. 19BEC4211	3.
	2.	4.
DEGREE (please tick the appropriate box)	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	ELECTRONICS AND COMMUNICATION ENGINEERING	YEAR/SEM IV / V
CGPA	1. 7.7	3.
	2.	4.
MOBILE NO	1. 9952603807	3.
	2.	4.
INTERNAL GUIDE	NAME: DR. K. KARTHIKEYAN	DEPT: ECE
	DESIGNATION: AP/ECE	MOBILE NO: 9944477213
COMPANY/INDUSTRY NAME WITH ADDRESS (proposed for internship)	SIEMNA E-CAD TECHNOLOGIES.	
COMPANY CONTACT PERSON	NAME: SANGEETHA	EMAIL ID:
	DESIGNATION: H.R	MOBILE NO: 9840581955
Stipend (Yes/No)	(if yes, Rs. _____ /month)	
TRAINING DOMAIN	PCB DESIGN	
DURATION OF INTERNSHIP	FROM: 07/11/2022	TO: 31/05/2023
SIGNATURE OF THE STUDENTS	1. S. S. S. S.	3.
	2.	4.
SIGNATURE WITH DATE	INTERNAL GUIDE	CLASS ADVISOR
	<i>[Signature]</i> 5/11/22	<i>[Signature]</i> 5/11/22

<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
HOD/DEAN	PLACEMENT OFFICER	PRINCIPAL

Note :

- ✓ Permission letter from company is mandatory with this form
- ✓ Department staff coordinators are requested to collect the Attendance sheet & internship report post to the internship

ATTESTED

PRINCIPAL,
M.Kumarasamy College of Engineering
Thalavapalayam Karur 639112

Employment Agreement

This agreement is effective from **05-November-2022**

Parties to the agreement:

SIENNA ECAD Technologies Private Limited, a company incorporated under the Companies Act, 1956 and having its registered office at # 683, 1st Floor, 15th Cross, J P Nagar, 2nd Phase, Bangalore - 560078 (hereinafter referred to as **"the Company"**, which expression shall unless repugnant to the subject or context thereof mean and include its successors and assigns)

And

SUJEETH S born on 06-12-2001 residing on S/O, Mr.V.Saravanan, 10, Rotty Kadai Street, Vengamedu, Karur, Tamil Nadu 639006.

Hereinafter referred to as "the employee" or "employee"

Background:

He/she agrees for the following terms & conditions:

1. Employment Term:

The employee hereby agrees and undertakes:

- i. To remain in the company's employment at least for a period of 24 months from the date this agreement is signed.
- ii. Where company finds that the candidate is not performing up to the expected levels, then the company reserves all rights to remove the concerned employee from the services at any given point of time.
- iii. If within the aforesaid period the employee resigns from the services of the company, for any reason whatsoever, or his services are terminated by the company pursuant to clause for any misconduct as specified in terms and conditions of the employment offer/agreement/Standing Orders of the Company or any other misconduct contrary to the service conditions applicable or due to gross unsatisfactory performance, he/she is bound to refund the cost as mentioned below immediately upon such termination or resignation.

If the candidate leaves the services before completion of 36 months from the date this agreement is signed, he/she will have to pay the company INR 3.00 lakhs.

2. Standard Terms & Conditions:



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- a. **Place of Work:** Employee agrees that at the sole discretion of the Company, he may be posted or transferred to work in any of the establishment, departments, offices or works of the corporate body, trust, society, association or organization existing or to be established in future whatsoever with which the Company may have any official connection in India or outside India.
- b. **Intellectual Property Rights:** The Company retains ownership of the intellectual property rights relating to inventions, patents and copy rights concerning work undertaken while in the employment of the Company and you shall cooperate fully in transferring, registering or in any way securing such rights for the benefit of the Company and/or defending such rights as may be required of you by the Company.
- c. **Confidentiality:** Employee understands that preventing the unauthorized disclosure or use of Confidential Information is of critical importance to Company in maintaining its competitive positions and performing its obligations. Any information concerning the business of Company, its affiliates, and the parties with which Company and its affiliates do business, including but not limited to strategies, methods, books, papers, drawings, photographs, instruments, apparatus, records and documents, technical information concerning its products, equipment, services and processes, customer lists, procurement procedures, pricing techniques, and credit and financial data concerning Company, its affiliates, its customers and other parties with which Company does business, all comprise proprietary and confidential business information and trade secrets are known as "Confidential Information". The candidate that he shall not, at any time during or after his employment by Company, (a) make any unauthorized disclosure of any Confidential Information or (b) make any use of any Confidential Information, except for purposes permitted and intended by Company, and for the benefit of, and on behalf of, Company. The candidate further agrees to observe and be bound by the terms of any agreement regarding the confidentiality of information provided by Company by others to which Company is bound and which Company has made known to the candidate. For the purposes of this paragraph, the term "Company" shall also include all affiliates of Company.
- d. **Fidelity:** Employee acknowledges and agrees that Employee owes a fiduciary duty of loyalty, fidelity and allegiance to act at all times in the best interests of Company and to do no act which would injure the business interests or reputation of the Company, or any of its subsidiaries or affiliates. In keeping with these duties, Employee shall make full disclosure to Company of all business opportunities pertaining to Company's business and shall not appropriate for Employee's own benefit business opportunities concerning the subject matter of the fiduciary relationship. Employee agrees that any direct or indirect interest in, connection with, or benefit from any outside activities, particularly commercial activities, which interest might in any way adversely affect Company or any of its affiliates, involves a possible conflict of interest. In keeping with Employee's fiduciary duties to the Company, Employee agrees that Employee shall not knowingly become involved in a conflict of interest with Company, or its affiliates, or upon discovery thereof, allow such a conflict to continue. Moreover, Employee agrees that Employee shall admit to any facts, which might involve such a conflict of interest that has not been approved by Company. Employee agrees that Company's determination as to whether a conflict of interest exists, shall be conclusive. Company reserves the right to take such action as, in its judgment, will end the conflict.

- e. **Non-Compete:** Employee acknowledges that he/she shall refrain from competing in any way against the Company. He/She shall not within or outside the India represent or act on behalf of any enterprise or enterprises that may conduct the business processes of the company, partially or in full or produce or sell products similar to those of the Company. The Employee shall not directly or indirectly establish or work in any such enterprise or enterprises and shall not promote them in any way whatsoever. Any and all exceptions from this competition prohibition require prior written consent by Company. This clause shall be effective for a period of 2 years from the date of termination of employment of employee by way of resignation, removal or otherwise.
- f. **One employment:** Employee agrees that during the period of employment with the Company he will devote all his time exclusively for the work as may be assigned by the Company from time to time and will not directly or indirectly engage in or serve in any capacity whatsoever either full time or part time or undertake or carry on or be concerned with or interested in any business, trade, profession or concern other than the work assigned by the Company.
- g. **Discipline:** Employee's employment shall also be subject to, and Employee shall comply with, Company policies contained in the policy manual and other similar documents, all as amended from time to time and provided to Employee.
- h. **Damages:** Where company suffers due to negligence or due to malicious acts of the candidate whether during his stay in the company as a trainee or probationary or as an employee or after he leaves the company, he shall be responsible to fulfill all direct and indirect losses to the company. Further company may also initiate unilateral legal action against the candidate.
- i. **Termination of employment:** The company may terminate the employment of the candidate under following circumstances with immediate effect:
- i. It is understood that this employment is being made on the basis of particulars as mentioned in the bio-data and Application for Employment. In case any information given by the Employee is found to be false or incorrect, the appointment will be deemed void ab initio and will be liable for termination without any notice or salary in lieu thereof.
 - ii. Employee agrees that the service with the company is subject to remaining physically and mentally fit. Employee will submit to medical examination any time on the directions of the Company.
 - iii. If an employee is guilty of misconduct (including dishonesty, absence without leave, disobedience of lawful orders or instructions or any conduct calculated to bring the company or its employees into disrepute) or if Employee is in breach of



confidentiality clause of this Agreement, he may be discharged without any notice period.

On termination of either training or probation or employment, the employee shall return his/her id card, documents in any format or any other assets belonging to the company that company might have provided to the employee, immediately.

- j. **Entire Agreement & Modification:** This Agreement constitutes the entire and exclusive agreement of the parties with regard to the subject matter hereof, supersedes any and all prior agreements written or oral with respect to Employee's employment, and contains all of the promises, representations, and agreements between the parties with respect to such employment. Modifications to the agreement shall be in writing and shall be signed by both the parties.
- k. **Severability:** If any provision of this Agreement shall be held invalid or unenforceable by any court of competent jurisdiction, the remainder of this Agreement, other than that portion determined to be invalid or unenforceable, shall be affected thereby and each valid provision of this Agreement shall be enforced to the fullest extent permitted by law.
- l. **Assignment:** This agreement may be assigned by the Company to any affiliate.
- m. **Governing Law:** The laws of India shall govern the validity, construction, and performance of the commitments of the employee.
- n. **Dispute resolution:** Any dispute arising from this order shall be subject arbitration at courts of Law at Bangalore only.
- o. **Force Majeure:** If the employee fails to perform the commitments made above, partially or totally due to an act of government, state of war or hostilities, act of God etc., which are beyond his/her control, then such failures should not be treated as breach of these commitments.



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PRINCIPAL
M. Kumarasamy College of Engineering
Chalavipalayam Karur - 639113

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of January-2023

For SIENNA ECAD Technologies Private Limited



Sathish O J
CEO

Signature of the Candidate:



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Kumarasamy College of Engineering
Chalavanalavan Karu - 639112

05-November-2022

CONFIDENTIAL

To:
SUJEETH S
S/O, Mr.V.Saravanan,
10, Rotty Kadai Street,
Vengamedu, Karur,
Tamil Nadu 639006

Dear Mr. SUJEETH S,

Further to your application and the subsequent interview you had with us, we are pleased to offer you the position of "Trainee – PWB" at our organization, reporting to the undersigned. You will be posted at our Bangalore office.

"Congratulations on your selection and we welcome you to the SIENNA family"

Please refer the Annexure for the details of your emoluments and benefits.

Kindly revert with your acceptance and confirm your date of joining on or before 05-Nov-2022.

On the day of joining, you are required to bring along with you the following documents:

1. Xerox copies of all original educational certificates and certificate for proof of age.
2. 4 passport size photographs.
3. Relieving letter and salary / income tax certificate from the previous employer.
4. PAN Card Copy
5. ID Proof – Aadhaar/Passport/Driving License, Voter ID Card etc

Please note that on joining the Company, you will be required to sign an Employment Agreement, which contains the Confidentiality and Fidelity Undertaking and the Service Agreement.

We look forward to your joining our organization for a rewarding and mutually beneficial car

Thanking you,

For SIENNA ECAD Technologies Pvt. Limited



Sathish O J
CEO



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PRINCIPAL
M Kumarasamy College of Engineering
an Karur - 639112

ANNEXURE

Name : SUJEETH S		
Designation : Trainee – PWB Design		
Salary Components	Salary (Month)	Salary (Annual)
Salary		
Basic	15,000	1,80,000
HRA .	6,678	80,136
Special Allowance	-	-
Reimbursements		
Conveyance (Petrol / Diesel)	-	-
LTA (to be paid / reimbursed annually)	-	-
Gross Pay (A)	21,678	2,60,136
Retirals (B)		
Provident Fund - Employer's Contribution	1800	21,600
Gratuity	722	8,664
Employee State Insurance	-	-
Others (C)	-	-
Mediclaim Premium	300	3,600
Food Coupon	500	6,000
Total Cost to Company (A+B+C)	25,000	3,00,000

Note: -

- 1) Gratuity will be paid as per the provisions of Gratuity Act 1972.
- 2) Gross Salary subject to deduction of applicable taxes at source.

For SIENNA ECAD Technologies Pvt. Limited



Sathish O J
CEO



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PRINCIPAL
Kumarasamy College of Engineering
Thalavapalavam Karu - 630117

STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: SIE. NNA. E-CAD TECHNOLOGIES

Duration of the Training/ Internship: _____

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution				✓	
2	The tasks given are challenging and testing your mettle					✓
3	The tasks given are able to complete within the given duration				✓	
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees				✓	
5	The colleagues provide good support and receptive of industrial trainees					✓
6	I get along well with colleagues				✓	
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.				✓	
8	The training has prepared me well to work in the industry in terms of techniques and skills					✓
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.				✓	

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

Good.

GENERAL COMMENTS OR SUGGESTIONS FOR CURRICULUM IMPROVEMENT

S. Sujetha
 Signature:

Name: S. SUJETHA

Reg No: 19BEC4211



ATTESTED

INTERNSHIP APPROVAL FORM

Ref no: MKCE/T&P/INTERN/DEPT ECE /No.

Date: 05.11.22

NAME (in block letters)	1. VISHNU RAM. S	3.
	2.	4.
REG NO	1. 19BEC4235	3.
	2.	4.
DEGREE <i>(please tick the appropriate box)</i>	B.E/B.Tech <input checked="" type="checkbox"/> M.E <input type="checkbox"/> MCA <input type="checkbox"/> MBA <input type="checkbox"/>	
BRANCH	ELECTRONICS AND COMMUNICATION ENGINEERING	YEAR/SEM 10 / VII
CGPA	1. 7.6	3.
	2.	4.
MOBILE NO	1. 8428222901	3.
	2.	4.
INTERNAL GUIDE	NAME: DR. K. KARTHICKYAN	DEPT: ECE
	DESIGNATION: AP/ECE	MOBILE NO: 9944477213
COMPANY/INDUSTRY NAME WITH ADDRESS <i>(proposed for internship)</i>	SIENNA E-CAD TECHNOLOGIES	
COMPANY CONTACT PERSON	NAME: SANGEETHA	EMAIL ID:
	DESIGNATION: H. R	MOBILE NO: 9840581955
Stipend (Yes/No)	(if yes, Rs. _____ /month)	
TRAINING DOMAIN	PCB Design	
DURATION OF INTERNSHIP	FROM : 07 / 11 / 2023	TO : 31 / 05 / 2023
SIGNATURE OF THE STUDENTS	1.	3.
	2.	4.
SIGNATURE WITH DATE	INTERNAL GUIDE	CLASS ADVISOR

HOD/DEAN	PLACEMENT OFFICER	PRINCIPAL

Note :

- ✓ Permission letter from company is mandatory with this form
- ✓ Department staff coordinators are requested to collect the Attendance sheet & internship report post to the internship

ATTESTED

Employment Agreement

This agreement is effective from 05-November-2022

Parties to the agreement:

SIENNA ECAD Technologies Private Limited, a company incorporated under the Companies Act, 1956 and having its registered office at # 683, 1st Floor, 15th Cross, J P Nagar, 2nd Phase, Bangalore - 560078 (hereinafter referred to as "**the Company**", which expression shall unless repugnant to the subject or context thereof mean and include its successors and assigns)

And

VISHNU RAM S born on 03-11-2001 residing on S/O, Mr.M.Sivakumar 25/3, Sembatapalayam, Pugular, Karur, Tamil Nadu 639113

Hereinafter referred to as "the employee" or "employee"

Background:

He/she agrees for the following terms & conditions:

1. Employment Term:

The employee hereby agrees and undertakes:

- i. To remain in the company's employment at least for a period of 24 months from the date this agreement is signed.
- ii. Where company finds that the candidate is not performing up to the expected levels, then the company reserves all rights to remove the concerned employee from the services at any given point of time.
- iii. If within the aforesaid period the employee resigns from the services of the company, for any reason whatsoever, or his services are terminated by the company pursuant to clause for any misconduct as specified in terms and conditions of the employment offer/agreement/Standing Orders of the Company or any other misconduct contrary to the service conditions applicable or due to gross unsatisfactory performance, he/she is bound to refund the cost as mentioned below immediately upon such termination or resignation.



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If the candidate leaves the services before completion of 36 months from the date this agreement is signed, he/she will have to pay the company INR 3.00 lakhs.

2. Standard Terms & Conditions:

- a. **Place of Work:** Employee agrees that at the sole discretion of the Company, he may be posted or transferred to work in any of the establishment, departments, offices or works of the corporate body, trust, society, association or organization existing or to be established in future whatsoever with which the Company may have any official connection in India or outside India.
- b. **Intellectual Property Rights:** The Company retains ownership of the intellectual property rights relating to inventions, patents and copy rights concerning work undertaken while in the employment of the Company and you shall cooperate fully in transferring, registering or in any way securing such rights for the benefit of the Company and/or defending such rights as may be required of you by the Company.
- c. **Confidentiality:** Employee understands that preventing the unauthorized disclosure or use of Confidential Information is of critical importance to Company in maintaining its competitive positions and performing its obligations. Any information concerning the business of Company, its affiliates, and the parties with which Company and its affiliates do business, including but not limited to strategies, methods, books, papers, drawings, photographs, instruments, apparatus, records and documents, technical information concerning its products, equipment, services and processes, customer lists, procurement procedures, pricing techniques, and credit and financial data concerning Company, its affiliates, its customers and other parties with which Company does business, all comprise proprietary and confidential business information and trade secrets are known as "Confidential Information". The candidate that he shall not, at any time during or after his employment by Company, (a) make any unauthorized disclosure of any Confidential Information or (b) make any use of any Confidential Information, except for purposes permitted and intended by Company, and for the benefit of, and on behalf of, Company. The candidate further agrees to observe and be bound by the terms of any agreement regarding the confidentiality of information provided by Company by others to which Company is bound and which Company has made known to the candidate. For the purposes of this paragraph, the term "Company" shall also include all affiliates of Company.
- d. **Fidelity:** Employee acknowledges and agrees that Employee owes a fiduciary duty of loyalty, fidelity and allegiance to act at all times in the best interests of Company and to do no act which would injure the business interests or reputation of the Company, or any of its subsidiaries or affiliates. In keeping with these duties, Employee shall make full disclosure to Company of all business opportunities pertaining to Company's business and shall not appropriate for Employee's own benefit business opportunities concerning the subject matter of the fiduciary relationship. Employee agrees that any direct or indirect interest in, connection with, or benefit from any outside activities, particularly commercial activities, which interest might in any way adversely affect Company or any of its affiliates, involves a possible conflict of interest. In keeping with Employee's fiduciary duties to the Company, Employee agrees that Employee shall not knowingly become involved in a conflict of interest with Company, or its affiliates, or upon discovery thereof, allow such a conflict to continue. Moreover, Employee agrees that

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Employee shall admit to any facts, which might involve such a conflict of interest that has not been approved by Company. Employee agrees that Company's determination as to whether a conflict of interest exists, shall be conclusive. Company reserves the right to take such action as, in its judgment, will end the conflict.

- e. **Non-Compete:** Employee acknowledges that he/she shall refrain from competing in any way against the Company. He/She shall not within or outside the India represent or act on behalf of any enterprise or enterprises that may conduct the business processes of the company, partially or in full or produce or sell products similar to those of the Company. The Employee shall not directly or indirectly establish or work in any such enterprise or enterprises and shall not promote them in any way whatsoever. Any and all exceptions from this competition prohibition require prior written consent by Company. This clause shall be effective for a period of 2 years from the date of termination of employment of employee by way of resignation, removal or otherwise.
- f. **One employment:** Employee agrees that during the period of employment with the Company he will devote all his time exclusively for the work as may be assigned by the Company from time to time and will not directly or indirectly engage in or serve in any capacity whatsoever either full time or part time or undertake or carry on or be concerned with or interested in any business, trade, profession or concern other than the work assigned by the Company.
- g. **Discipline:** Employee's employment shall also be subject to, and Employee shall comply with, Company policies contained in the policy manual and other similar documents, all as amended from time to time and provided to Employee.
- h. **Damages:** Where company suffers due to negligence or due to malicious acts of the candidate whether during his stay in the company as a trainee or probationary or as an employee or after he leaves the company, he shall be responsible to fulfill all direct and indirect losses to the company. Further company may also initiate unilateral legal action against the candidate.
- i. **Termination of employment:** The company may terminate the employment of the candidate under following circumstances with immediate effect:
 - i. It is understood that this employment is being made on the basis of particulars as mentioned in the bio-data and Application for Employment. In case any information given by the Employee is found to be false or incorrect, the appointment will be deemed void ab initio and will be liable for termination without any notice or salary in lieu thereof.
 - ii. Employee agrees that the service with the company is subject to remaining physically and mentally fit. Employee will submit to medical examination any time on the directions of the Company.



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- iii. If an employee is guilty of misconduct (including dishonesty, absence without leave, disobedience of lawful orders or instructions or any conduct calculated to bring the company or its employees into disrepute) or if Employee is in breach of confidentiality clause of this Agreement, he may be discharged without any notice period.

On termination of either training or probation or employment, the employee shall return his/her id card, documents in any format or any other assets belonging to the company that company might have provided to the employee, immediately.

- j. **Entire Agreement & Modification:** This Agreement constitutes the entire and exclusive agreement of the parties with regard to the subject matter hereof, supersedes any and all prior agreements written or oral with respect to Employee's employment, and contains all of the promises, representations, and agreements between the parties with respect to such employment. Modifications to the agreement shall be in writing and shall be signed by both the parties.
- k. **Severability:** If any provision of this Agreement shall be held invalid or unenforceable by any court of competent jurisdiction, the remainder of this Agreement, other than that portion determined to be invalid or unenforceable, shall be affected thereby and each valid provision of this Agreement shall be enforced to the fullest extent permitted by law.
- l. **Assignment:** This agreement may be assigned by the Company to any affiliate.
- m. **Governing Law:** The laws of India shall govern the validity, construction, and performance of the commitments of the employee.
- n. **Dispute resolution:** Any dispute arising from this order shall be subject arbitration at courts of Law at Bangalore only.
- o. **Force Majeure:** If the employee fails to perform the commitments made above, partially or totally due to an act of government, state of war or hostilities, act of God etc., which are beyond his/her control, then such failures should not be treated as breach of these commitments.



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M Kumarasamy College of Engineering
Chalavapalavam Karu - 630117

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of January-2023

For SIENNA ECAD Technologies Private Limited



Sathish O J
CEO

Signature of the Candidate:



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PRINCIPAL,

Kumarasamy College of Engineering
Chalavanalavam Karu - 630117

05-November-2022

CONFIDENTIAL

To:
VISHNU RAM S
S/O,
Mr.M.Sivakumar
25/3, Sembatapalayam, Pugular,
Karur, Tamil Nadu 639113

Dear Mr. VISHNU RAM S,

Further to your application and the subsequent interview you had with us, we are pleased to offer you the position of "Trainee – PWB" at our organization, reporting to the undersigned. You will be posted at our Bangalore office.

"Congratulations on your selection and we welcome you to the SIENNA family"

Please refer the Annexure for the details of your emoluments and benefits.

Kindly revert with your acceptance and confirm your date of joining on or before 05-Nov-2022.

On the day of joining, you are required to bring along with you the following documents:

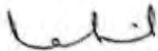
1. Xerox copies of all original educational certificates and certificate for proof of age.
2. 4 passport size photographs.
3. Relieving letter and salary / income tax certificate from the previous employer.
4. PAN Card Copy
5. ID Proof – Aadhaar/Passport/Driving License, Voter ID Card etc

Please note that on joining the Company, you will be required to sign an Employment Agreement, which contains the Confidentiality and Fidelity Undertaking and the Service Agreement.

We look forward to your joining our organization for a rewarding and mutually beneficial car

Thanking you,

For SIENNA ECAD Technologies Pvt. Limited



Sathish O J
CEO



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PRINCIPAL
M. Sivasubramanian College of Engineering
The Government of Karnataka
25/3, Sembatapalayam, Pugular, Karur, Tamil Nadu 639113

ANNEXURE

Name : VISHNU RAM S
Designation : Trainee – PWB Design

Salary Components	Salary (Month)	Salary (Annual)
Salary		
Basic	15,000	1,80,000
HRA .	6,678	80,136
Special Allowance	-	-
Reimbursements		
Conveyance (Petrol / Diesel)	-	-
LTA (to be paid / reimbursed annually)	-	-
Gross Pay (A)	21,678	2,60,136
Retirals (B)		
Provident Fund - Employer's Contribution	1800	21,600
Gratuity	722	8,664
Employee State Insurance	-	-
Others (C)		
Mediclaim Premium	300	3,600
Food Coupon	500	6,000
Total Cost to Company (A+B+C)	25,000	3,00,000

Note: -

- 1) Gratuity will be paid as per the provisions of Gratuity Act 1972.
- 2) Gross Salary subject to deduction of applicable taxes at source.

For SIENNA ECAD Technologies Pvt. Limited

Sathish O J
CEO

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PRINCIPAL
M Kumar
Sri Lanka College of Engineering
Chalavayalavan Kattu 620119

**SUMMER INTERNSHIP PROGRAM
Format for Student Feedback Form**

Name: Vishnu Ram .S Enrollment No: 19BEC4235

Name of the Internship organization: SIENNA ECAD (Avalon Group)

City: Bengalore Location: J.P.Nagar

S#	Parameter	Excellent	Very Good	Good	Fair	Not Satisfactory
1	Support received from IBS on Internship Identification	✓				
2	Opportunity to learn from the Internship work in the company		✓			
3	Learning benefits from the Internship work	✓				
4	Placement opportunities		✓			
5	Recommend the company for future students	✓				

(Put ✓ mark. This form is to be submitted to Academic coordinator along with Internship report)

Date: 30.03.2023

Signature of the Student

S. Vishnu

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Sri Sany College of Engineering
Anjalavani Kuru - 630117

SIENNA ECAD INTERN REPORT

By

VISHNU RAM S(19BEC4235)

PROJECT:

DESIGN OF 14 LAYER PRINTED CIRCUIT BOARD CONVERSION

Introduction

In the electronics world, where Printed circuit board plays a crucial role, their manufacturing and fabrication also play an important part. But, before the manufacturing process, the process of designing is the biggest challenge. Here designing means, the designing of the circuit which is going to be manufactured on the printed circuit board. Very small circuits for the beginner cans directly be made on the board but usually, the designing is done on the various software created by engineers and available online. So, in this article, weâ€™ll discuss the design tips for the printed circuit board layout. However, before starting, we are discussing different designing software.

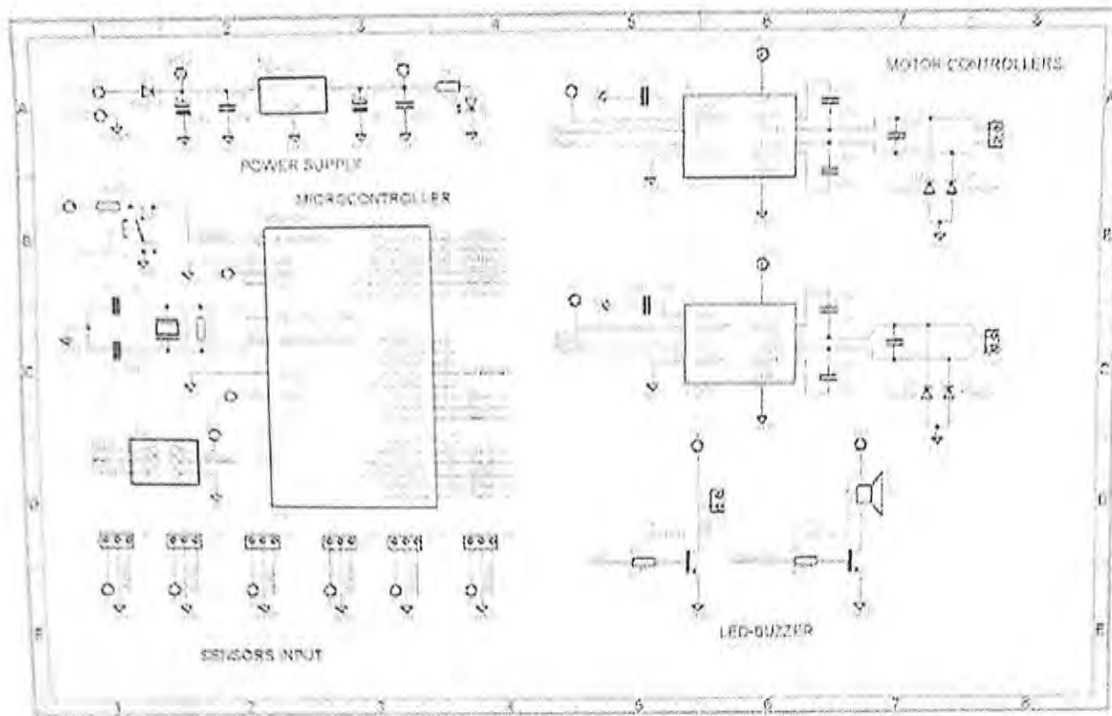
Designing Software For PCB

Design software enables the designers to build a layout of PCB. It provides virtual board components and PCB libraries to build the design. The software also implements high-quality footprints of PCB and provides schematic tools to modify the electrical properties and other parameters of given board components. There are many designing software available like Altium designer, NI Multisim, Fusion 360, OrCAD, Autodesk eagle, dip trace, multi-board, cam 350, etc. Also, some of the software can be available free on the internet.

PCB Designing Process

The designing of the PCB requires several different steps. One can make an effective and reliable printed circuit board if designed intelligently. To make this easy for beginners, here we are going to describe some important design steps.


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Schematic is actually the blueprint of your circuit. The building of the schematic includes the placement of the components and the connection of those components. As for the components, almost every software provides hundreds or thousands of libraries. Also, you can design your own design and use it as a component. This may give flexibility to your designs.

Routing

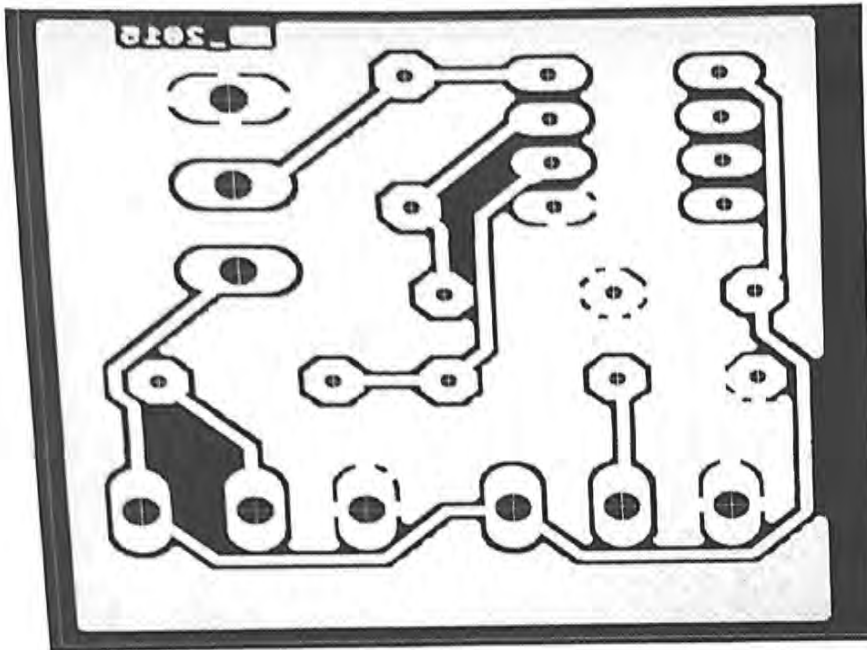
After the building of the schematic, this is time to route the circuit. Routing is basically the best path for the connection. It also includes the number of lists for the connection. Mostly, one layer is allocated for the ground plane and one for the power plane. Moreover, routing can utilize a much amount of computing power. Routing can be done manually or automatically depending on the designer's need. When the entire routing is proceeded by the designer, it is called manual routing. In this technique, the designer manually connects the traces to the components. When the software has done the routing autonomously it is called automatic routing. Although it seems easy while discuss, however it is pretty difficult to build. And, it requires a lot of patience

JLCPCB is the foremost PCB prototype & manufacturing company in china, providing us with the best service we have ever experienced regarding (Quality, Price Service & Time).

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Gerber Files

After you are done with Routing, it's time to make the standard PCB file called the Gerber file. Gerber files are basically the ASCII vector format files that comprise information on each layer of PCB design. Gerber file commonly has no specific name but has an extension of .gb or .gbr.



Conclusion

Hence we have discussed the design of the Printed circuit boards. Also, we have discussed the important different software that can be adopted by the designers. Moreover, we have discussed various major steps that are necessary for the design of the layout. If those steps are taken effectively and intelligently, they can generate better designs.

Class Adviser

HOD

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STUDENT INDUSTRIAL TRAINING / INTERNSHIP FEEDBACK FORM

Name & Address of the Organization: SIENNA - E CAD - TECHNOLOGIES

Duration of the Training/Internship: _____

Please tick (✓) where applicable on the agreement scale of 1 to 5, 1 being the lowest levels of agreement and 5 the highest level of agreement

FACTORS ON FEEDBACK		Very Poor (1)	Poor (2)	Satisfactory (3)	Good (4)	Excellent (5)
FACTOR: Task						
1	The tasks given are related to the subjects that I have learned in the institution				✓	
2	The tasks given are challenging and testing your mettle					✓
3	The tasks given are able to complete within the given duration				✓	
FACTOR: Workplace						
4	The working environment is suitable for the training of industrial trainees				✓	
5	The colleagues provide good support and receptive of industrial trainees				✓	
6	I get along well with colleagues					✓
FACTOR: Industrial Training Preparation						
7	The training attended has prepared me well to work in the industry in terms of knowledge.				✓	
8	The training has prepared me well to work in the industry in terms of techniques and skills				✓	
9	The overall academic learning in the institution had helped me to go through industrial training with confidence.					✓

ADDITIONAL COMMENTS OR SUGGESTION REGARDING INDUSTRIAL TRAINING/INTERNSHIP

Good.

GENERAL COMMENTS OR SUGGESTIONS FOR CURRICULUM IMPROVEMENT

Signature: S. V. [Signature]

Name: VISHINURAM.S

Reg No: 19BEC4235

[Signature]
ACCEPTED



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This is to certify that

Aarthi P

M.Kumarasamy College of Engineering (Autonomous)

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during July - Sep 2022

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NEAT Cell, AICTE



Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
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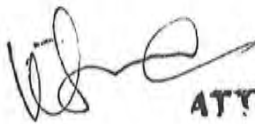
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Student ID :STU61541847b942e1632001101

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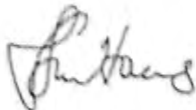
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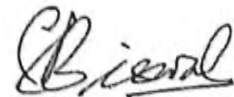
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Student ID :CTU2152 2512 22 1222271111

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Student ID : STU6154656d5cac81632920941

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Dr. Satya Ranjan Biswal
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 Student ID :STU614f32058f3dc1632580101



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CHANDIKA N

M.Kumarasamy College of Engineering (Autonomous)

has successfully completed 10 weeks

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Chief Technology Officer (CTO)
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DEEPANRAJ P

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Dr. Satya Ranjan Biswal
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Student ID :STU6154712bc56201632923947


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Student ID : STU61546a0145c031632922113



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Student ID : STU6151741c83a0c1632728092
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Certificate ID :1c44aba62e028fc6995800eefaf11b1b
Student ID :STU6154184b406e41632901195
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Student ID :STU6155284ebf9171632970830

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Kavayalpuram, Karaikal - 754013



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Certificate ID : ade590e84ab2785486e6fa5f43b37d06
Student ID : STU615577ed9fcab1632991213

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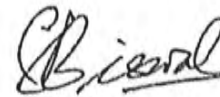
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Student ID : STU61546613e23951632921107

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Kavayitri Nalanda Education Society
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Student ID : STU61546613e23951632921107

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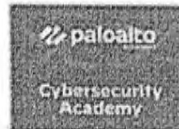
This is to certify that

GOWTHAM G

M.Kumarasamy College of Engineering (Autonomous)

has successfully completed 10 weeks
Cybersecurity Virtual Internship
during Mar - May 2022

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Saravanan Rajagopal

Saravanan Rajagopal
Training Partner Manager, APAC
Palo Alto Networks

Shri Buddha Chandrasekhar

Shri Buddha Chandrasekhar
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Dr. Satya Ranjan Biswal

Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
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Certificate ID :00c8adcebe371570b02793db59a001c6
Student ID :STU614c1d11cf9501632378129

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Karaikal



Virtual Internship Completion Certificate

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M.Kumarasamy College of Engineering (Autonomous)

has successfully completed 10 weeks

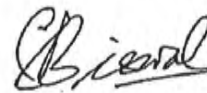
AWS Cloud Virtual Internship

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Certificate ID :7015eeceefa58c8582ec36f6c12527

Student ID :STU615583fecf4391632994302

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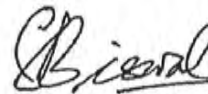
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Student ID : STU614ed479252941632556153

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Certificate ID :6cf36da6b3e6b8533ef2b89b0379a3f6
Student ID :STU614ef32e0c0231632564014

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 Training Partner Manager, APAC
 Palo Alto Networks

Shri Buddha Chandrasekhar

Shri Buddha Chandrasekhar
 Chief Coordinating Officer (CCO)
 NEAT Cell, AICTE

Dr. Satya Ranjan Biswal

Dr. Satya Ranjan Biswal
 Chief Technology Officer (CTO)
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Certificate ID : 1bc428fc524c73ec119af1d3a759939f
 Student ID : STU6151c839018bc1632749625

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Certificate ID :51f4833817a45660aae75878f5166a3f
Student ID :STU615083bc311841632666556

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Student ID :STU6152d2eba2eb41632817899

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Janani M

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Course hours completed

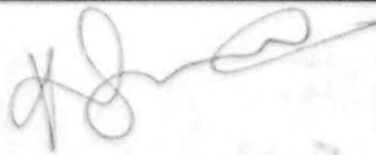
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Student ID :STU61508c552fc131632668757

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Student ID :STU614ebe9b0f1e11632550655
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 Student ID :STU614ef18dddb2d1632563597



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Student ID : STU614ffe54d01241632632404

222

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KARTHICK PRASATH

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has successfully completed 10 weeks

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Certificate ID :d8814375313a3a8cb052379c094237bf
Student ID :STU6153456460-71000

M. Kumarasamy College of Engineering
225CIP44



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Certificate ID :c10420700aea5143c534e27ed8cbfef2
Student ID :STU6151e0851d83f16227050



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Student ID : STU6151dff99e0591632755705

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has successfully completed 10 weeks

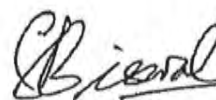
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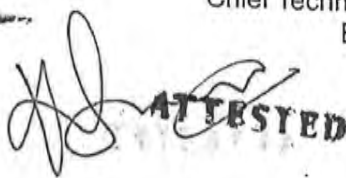


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Student ID :STU6151e2c192a531632756417

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Principal
M.Kumarasamy College of Engineering

Student ID :STU615334e04cc40163284297P
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Student ID : STU614f24b323a921632576691

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Student ID :STU614ffea004fe21632632480

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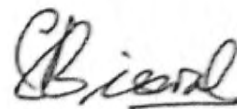
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 Student ID :STU61541786cbcae1632900998
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Student ID :STU615416e1cd9ae1632900833

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Student ID :STU61540e59392b61632898649
Principal, M.Kumarasamy College of Engineering,
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Student ID :STU614ffe5cd55781632632412

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Certificate ID :b2e3813572ec3fb4cdbfd85aa73270dc

Student ID :STU614ef4a37755d1632564387

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 Student ID :STU6151e01868ac81632755736

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Student ID : STU61532b6f44b1b1632840559
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Student ID :STU6151d8bc21dcb1632753852

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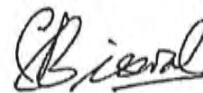
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Student ID :STU615412d598d961632899797



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Student ID :STU61540ecb403fa1632898763
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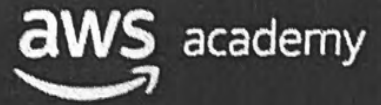
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Certificate ID :48ae5e063d4fb8aa71d71454dfb1a60e0a5my College of Engineering
Chalavabalam, Karn...



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2e4e70e02898212106eb7954d78709d3Student ID



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Student ID :STU614ecc8d434831632554125

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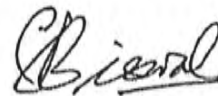
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Student ID : STU61540cea84117163280



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Certificate ID :3e4e79e92898212106eb7954d78709d3
Student ID :STU614f2eb176a6e1632579249



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Student ID : STU61546624115fd1632921124



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Student ID : STU615423ac61d871632904108

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Student ID :STU61540d54478d31632898388

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Certificate ID :a551666366191f6881ead21809817e8
Student ID :STU614ed38339826163255



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Certificate ID :f658fc41036a556162fe32f48ba60f26

Student ID :STU6154753631e5f1632924982

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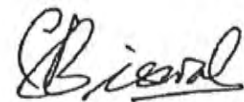
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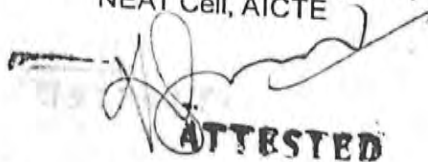
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Student ID :STU614ec0721a5511632551026

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STU6151aea66d9c51632743078



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 Student ID :STU6151f02f5a0e61632759855

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Student ID :STU614f149c248971632572572

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Student ID : STU614ebd141f0cf1632550164

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Student ID : STU615459832c7c71632917891
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Student ID : STU615489753171f1632930165
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 Student ID :STU61508ce0a652f1632668896
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Student ID :STU614ehda34e18a1632550307

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Student ID : STU61540ffb1ac11632899071



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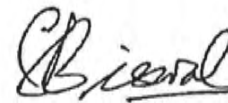
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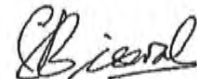
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Student ID :STU6156d40915f9f1633080329

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Student ID :STU60d4531b504d21624527840imara...

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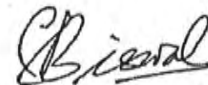
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Student ID :STU61546e6c8c8b81632923244


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Student ID : STU615477c2149b71632000

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Student ID :STU614f3901a85f81632581889

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Certificate ID :54dcda6f89dacc0556fd45b64796b9fe
 Student ID :STU61516de6c3e421632726502

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Student ID :STU62222c297f61a1646406697

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Student ID :STU614ebd12c24301632550

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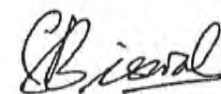
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Student ID :STU615473adc15e91632924589

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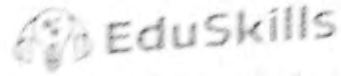


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 Student ID :STU614c22132ed6b1632379635
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 Student ID : STU621cf255c8a2f1646064213
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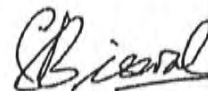
AWS Cloud Virtual Internship

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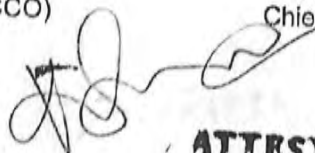
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Student ID :STU614c39f390d1a1632385523

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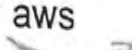
SUJA S

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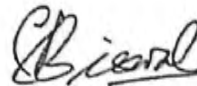
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Student ID :STU614ebe52e37901632550482

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Student ID :STU614ebbe3922af1632549859

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Student ID :STU614c39c1b91491622000
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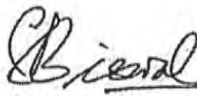
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Student ID :STU61508cbfc09761632668863

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Student ID :STU614c3903a809b1632385283

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Student ID :STU62c5bd491296e1657126217

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Student ID :STU614c1d71077f71632378225

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K. J. Somaiya Institute of Engineering & Information Technology
Sector 10, Gandhinagar, Chennai - 600 076



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Student ID :STU6151ccf1197f81632750833



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 Student ID : STU6151c8467fd4c1632749638

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Student ID :STU614ebb190dbcc1632549657



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 Student ID :STU614ec02e5f9f81632550958

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Student ID :STU6151d02a44c881632751658

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Student ID :STU6151d3924f9041632752530
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341

Student ID :STU6151d8d1b1b7f1632753873

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Student ID :STU6151cf3331d9b1632751411

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Student ID :STU6151cce48bae51632750820



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Student ID :STU614ef4a37755d1632564387



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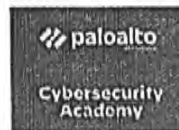
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Student ID :STU6151c839018bc1632749625



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 Student ID :STU6151c82e61ca91632749614

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Student ID : STU614c22f32ed6b1632379635



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Student ID :STU614c39f390d1a1632385523



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Student ID :STU614ebe52e37901632550482

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Student ID :STU614c39c1b91491632385473

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Student ID : STU614c3903a809b1632385283

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Student ID : STU6151c839018bc1632749625

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Student ID :STU614c4e334a81a1632390707



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Student ID :STU6151ccf1197f81632750833



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:9334754ec6bf9dd44ee74d943070f5c0
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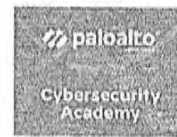
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Student ID :STU6151c6d7877de1632749271

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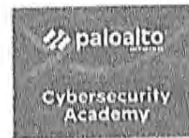
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Certificate ID :637feac238cbf327eabcb8d2dc2197fd
Student ID :STU6151d02a44c881632751658

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Certificate ID : 9334754ec6bf9dd44ee74d943070f5c0
Student ID : STU6151d8d1b1b7f1632753873

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Student ID :STU614ebced04ce01632550125

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Student ID :STU6151cbb9e539b1632750521

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Certificate ID :aa6d196aee39797832bc104ae5e1813
Student ID :STU614ebe52e37901632550462



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 Student ID :STU6151cce48bae51632750820

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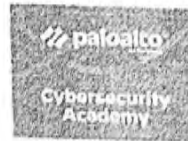
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Certificate ID :97fef87a41d32142ec3f6872b5de56e4
 Student ID :STU614c1e99c123b1632378521

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Student ID : STU615466274123f1632921127

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Student ID : STU6154753631e5f1632924982

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Certificate ID :d7ca0c4a63d7ffd0450a98e3ad594d
Student ID :STU614ec0721a5511632551026
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Certificate ID :13c4ed6948a3080073d335250fbacf52
 Student ID :STU6151aea66d9c51632743078

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Student ID :STU615459832c7c71632917891

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 Student ID :STU61508ce0a652f1632668896

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Student ID :STU614ebda34e18a1632550307



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 Student ID :STU6154784ed85de1632925774



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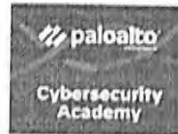
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Student ID : STU61546e6c8c8b81632923244

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Student ID :STU615477c2149b71632925634

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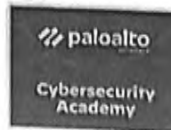
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Student ID :STU62222c297f61a1646406697

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RITHICK R

M.Kumarasamy College of Engineering (Autonomous)

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Robotic Process Automation (RPA) Virtual Internship

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University

Ana Howes
Global Head of Education Services
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Chief Technology Officer (CTO)
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Certificate ID :42968f04a0c738609970c2f631bea332
Student ID :STU6154890d6a7ad1632930061



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नेटवर्क के लिए राष्ट्रीय शैक्षणिक सहयोग
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Certificate ID :bdff68b78d9c3f341529bde2cc0aa1c2

Student ID :STU6154781d5a09a1632925725



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Certificate ID :0e2505880d145a79575d34d82df37974399

Student ID :STU6154834001fb81632928576



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Student ID :STU614eb7fcc494d1632548861

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Kannur, Kerala



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Shri Buddha Chandrasekhar

Shri Buddha Chandrasekhar
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Dr. Satya Ranjan Biswal

Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
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Certificate ID :4aa8e53905615649e47956edc4d59e55
Student ID :STU6220bb11197ed1646312209

Principal
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M.Kumarasamy College of Engineering
Chalavady, Karaikal - 754111



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Dr. Satya Ranjan Biswal

Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
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Certificate ID :5fe41c89183801246ed4a497a42429d9
Student ID :STU615476907f5441632925328

402
M.Kumarasamy College of Engineering
Halaswalam, Karu - 620 011

Palo Alto Networks Assessment-Based Certificate

THIS CERTIFICATE OF ACKNOWLEDGEMENT CONFIRMS THAT

Naveen K

has successfully demonstrated the knowledge to complete the
Assessment-Based Certificate in

Fundamentals of Cloud Security

Prameet Chhabra

Prameet Chhabra
Head of Global Enablement

01/10/2022

[Signature] ATTESTED



PRINCIPAL

Shrikrishna College of Engineering
Mhalavapalavam Karu - 630117

Palo Alto Networks Assessment-Based Certificate

THIS CERTIFICATE OF ACKNOWLEDGEMENT CONFIRMS THAT

SARAVANA KUMAR D

has successfully demonstrated the knowledge to complete the
Assessment-Based Certificate in

Fundamentals of Cloud Security

Prameet Chhabra

Prameet Chhabra
Head of Global Enablement

Date of Issue
01/08/2022



[Handwritten Signature]

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PRINCIPAL,
Kumarasamy College of Engineering
Chalavanallur, Karaikal-621119



SANTHOSH KM

Certificate of Completion for
AWS Academy Graduate - AWS Academy Cloud Foundations

Course hours completed

20 hours

Issued on

05/11/2022

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<https://www.credly.com/go/DrpvvTH0>

A handwritten signature in dark ink, appearing to be "S. Santosh", is written over the bottom right portion of the certificate.

Palo Alto Networks Assessment-Based Certificate

THIS CERTIFICATE OF ACKNOWLEDGEMENT CONFIRMS THAT

Saravanan S

has successfully demonstrated the knowledge to complete the
Assessment-Based Certificate in

The Fundamentals of SOC (Security Operations Center)

Prameet Chhabra

Prameet Chhabra
Head of Global Enablement

Date of Issue
01/08/2022



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Valluvarasamy College of Engineering,
Chalavapalayam Kara - 620112



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Dr. Satya Ranjan Biswal

Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
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Certificate ID :59a1e4c23ef61fabd90d17639ef2b09f
Student ID :STU6154842229dc81632928802

Dr. Satya Ranjan Biswal
TESTED



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Dr. Satya Ranjan Biswal

Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
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Certificate ID :9d6bdaaf69c0070de6ef878259b4b841
Student ID :STU615473adc15e91632924589

408



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Certificate ID :c5ffe75db.275d154d472e377a2458fc4
Student ID :STU614c39f300d1a1632385523

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Certificate ID :x9e2dfc04f12702e1ad82f57e63fd08
 Student ID :STU614ebced04ce01632550125



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Certificate ID : eacbc00706f5e64d96279f5a35deh7e
Student ID : STU614c1d71077f716322



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Student ID : STU614ebced04ce01832550125



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Certificate ID :55eabcc8ea4d3ef8f06e6dc74c
Student ID :ST12121



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Training Partner Manager, APAC
Palo Alto Networks

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Chief Coordinating Officer (CCO)
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Dr. Satya Ranjan Biswal

Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
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Certificate ID : 8436d230c751134a159b84c8537e3d0e
Student ID : STU614c1d71077f71632370e





Virtual Internship Completion Certificate

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SUJITHAA RAJA

M.Kumarasamy College of Engineering (Autonomous)

has successfully completed 10 weeks

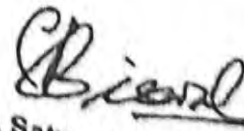
AWS Cloud Virtual Internship

during July - Sep 2022

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NEAT Cell, AICTE



Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
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**Certificate of Completion for
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Course hours completed

20 hours

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A handwritten signature in black ink, appearing to be "Whe", written over a rectangular stamp.

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Chennai, Tamil Nadu - 600112



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Dr. Satya Ranjan Biswal

Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
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Certificate ID :3b58810bbdd1c4b000ef57910h022
Student ID :STU6151c82e61c001





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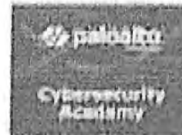
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Palo Alto Networks

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Certificate ID :da1ec37dd015340aae57c2248b5b41af
Student ID :STU621cf255e8a2f1646064213

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Dr. Satya Ranjan Biswal

Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
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Certificate ID : f3bd2e12c66e5e665a865437f7ad99f3
Student ID : STU6151c82e61ca91632749614

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Saravanan Rajagopal
Training Partner Manager, APAC
Palo Alto Networks

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Shri Buddha Chandrasekhar
Chief Coordinating Officer (CCO)
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Dr. Satya Ranjan Biswal

Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
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Certificate ID :1bc428fc524c73ec119af1d3a759939f

Student ID :STU6151c839018bc1632749625

[Signature]
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Chief Technology Officer (CTO)
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Certificate ID : 4a8725141f45e099a6840e9924235174
Student ID : STU614c3903a809b1632385283

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Chief Technology Officer (CTO)
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Certificate ID :d9e2dfcfc4f12702e1ad82f57a63fd08
Student ID :STU614ebced04ce01632550125

422

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Criterion 1: Curricular Aspects

1.3 Curriculum Enrichment

1.3.4.1: Number of students undertaking field projects / internships / student projects

Programme Name: B.E Electronics and Communication Engineering.

Field Projects/Student Projects Proof

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “ COMPACT MULTIBAND FILTER FOR WIRELESS COMMUNICATION ” is the bonafide work of “BHARANIDHARAN G (19BEC4018), DHANUSH D (19BEC4032), DINESH KUMAR S (19BEC4042)” who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

HEAD OF THE DEPARTMENT

Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
D.Litt (USA),
Professor,
Department of Electronics and
Communication Engineering,
M.Kumarasamy College of Engineering,
Thalavapalayam, Karur-639113

SIGNATURE

SUPERVISOR

Dr.V.Mariselvam, M.E., Ph.D.,
Assistant Professor,
Department of Electronics and
Communication Engineering,
M.Kumarasamy College of
Engineering,
Thalavapalayam, Karur-639113

This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11.04.2023

INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “**LOW POWER CMOS GDI FULL-ADDER DESIGN**” is the bonafide work of “**BHUVANESHWARI V (19BEC4020), DHANUSHYA N (19BEC4034), GAYATHRI S (19BEC4054)**” who carried out the project work under my supervision in the academic year 2022 - 2023.

SIGNATURE 

HEAD OF THE DEPARTMENT

Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
D.Litt (USA),

Professor,

Department of Electronics and

Communication Engineering,

M.Kumarasamy College of Engineering,

Thalavapalayam, Karur-639113

SIGNATURE 

SUPERVISOR

Ms.S.Kavitha, M.E.,

Assistant Professor,

Department of Electronics and

Communication Engineering,

M.Kumarasamy College of

Engineering,

Thalavapalayam, Karur-639113

This project report has been submitted for the **18ECP107L - Project Work** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11.04.2023


INTERNAL EXAMINER


EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE


Certified that this project report “IoT BASED SYSTEM FOR MANHOLE MONITORING AND MANAGEMENT” is the bonafide work of “ARAVINDH R(19BEC4010), ARSHATH AHAMED N(19BEC4011), ARUN A(19BEC4012)” who carried out the project work under my supervision in the academic year 2022-2023.


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This project report has been submitted for the **18ECP107L - Project Work** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11.04.2023.


INTERNAL EXAMINER



EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE


Certified that this project report “DESIGN OF AUTOMOTIVE CLUSTER UNIT USING XPEDITION” is the bonafide work of “AATHIVIGNESH J (19BEC4003), ABIMANYU T (19BEC4004), ABIVARMAN S (19BEC4006)” who carried out the project work under my supervision in the academic year 2022-2023.


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This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11/4/2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “AUTONOMOUS VEHICLE IMAGE CLASSIFICATION USING DEEP LEARNING” is the bonafide work of “DEEPAK K(19BEC4024), DHANAVEL K (19BEC4031), DHINAKARAN R(19BEC4040)” who carried out the project work under my supervision in the academic year 2022-2023.

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INTERNAL EXAMINER




EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

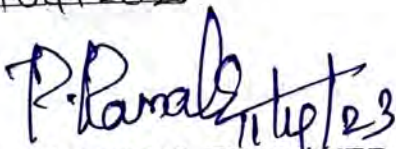
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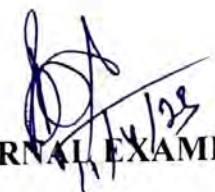
Certified that this project report "IOT BASED SMART WASTE MANAGEMENT SYSTEM FOR SMART CITIES" is the bonafide work of "DEEPIKA S (19BEC4029), DIVYA A (19BEC4047), ELAVARASI P (19BEC4052)" who carried out the project work under my supervision in the academic year 2022-2023.


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INTERNAL EXAMINER


EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report "IOT BASED ADVANCED SMART CART SHOPPING USING RF IDENTIFICATION WITH CUSTOMER ALERT NOTIFICATION" is the bonafide work of "DEEPIKA P (19BEC4028), DHARNIHA V (19BEC4036), DHARSANYA D (19BEC4037)" who carried out the project work under my supervision in the academic year 2022-2023.

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INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

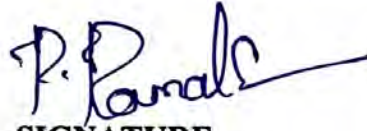
Certified that this project report “SMART ACTIVATING CULTIVATION WITH RENEWABLE ENERGY BY USING IoT” is the bonafide work of “BOOMIJA M (19BEC4022), DHANA LAKSHMI P (19BEC4030), DIVYA BHARATHI R (19BEC4048), GOHULAVARSINI K (19BEC4056)” who carried out the project work under my supervision in the academic year 2022-2023.

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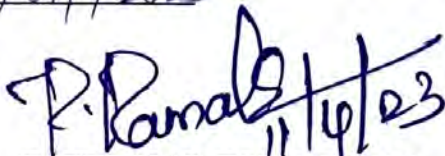
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11/04/2023



INTERNAL EXAMINER



EXTERNAL EXAMINER

ii



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “NOVEL QUAD-BAND DECAGON SHAPED PATCH ANTENNA FOR WIRELESS APPLICATIONS” is the bonafide work of “ARUN R (19BEC4013), BALUSAMY V (19BEC4016), DEEPAK R (19BEC4026)” who carried out the project work under my supervision in the academic year 2022-2023.

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HEAD OF THE DEPARTMENT

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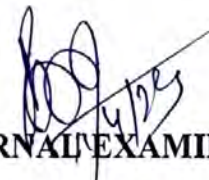
Engineering,

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This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on

11/4/2023


INTERNAL EXAMINER


EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “ EYE BALL CONTROLLING WHEEL CHAIR ” is the bonafide work of “ABINANDHAKUMAR K (19BEC4005), GOKUL NISHANTH P (19BEC4059), GOKUL R (19BEC4060)” who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11/10/2023.

INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “SPECTRUM SENSING IN COGNITIVE RADIO USING COOPERATIVE SPECTRUM SENSING” is the bonafide work of “AARTHI M (19BEC4002), ABURVA SEMA I G (19BEC4007), ANCHANAA P (19BEC4009), FEMINA PRIYADHARSHINI X (19BEC4053)” who carried out the project work under my supervision in the academic year 2022 - 2023.

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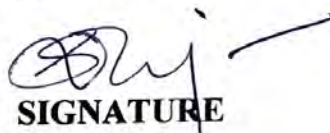
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INTERNAL EXAMINER



EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “**DESIGN OF HIGH SPEED MODIFIED FULL ADDER** ” is the bonafide work of “**DINESH S(19BEC4045), DINESHKUMAR A (19BEC4046), GOKUL M (19BEC4058)**” who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the **18ECP107L - Project Work**
Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on

11.04.2023

INTERNAL EXAMINER

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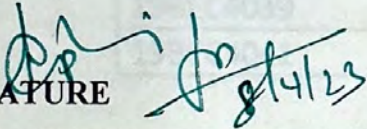


**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “A DEEP NEURAL NETWORK BASED FISH FLOATING DETECTION AND AQUACULTURE MONITORING SYSTEM” is the bonafide work of “BOOBALAN A (19BEC4021), DHINAKAR G (19BEC4039), DILIPAN B (19BEC4041)” who carried out the project work under my supervision in the academic year 2022-2023.

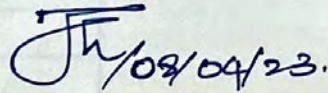
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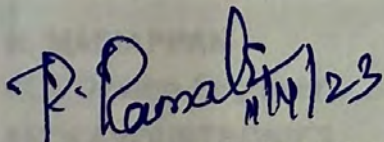


SUPERVISOR

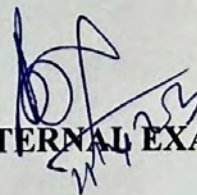
Dr.P.Jeyakumar, M.E., Ph.D.,
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This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11/4/23.

INTERNAL EXAMINER



EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “ TRUNCATED BOOTH MULTIPLIER DESIGN OF APPROXIMATE COMPRESSORS USING VERILOG HDL” is the bonafide work of “AKASHKUMAR M (19BEC4008), BHARANIDHARAN K (19BEC4019), ELANCHANDHAR PON (19BEC4050)” who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on

11/4/23.

INTERNAL EXAMINER

EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “REDUCE CAPACITIVE CROSS-TALK IN VLSI INTERCONNECTS USING A NEW LOW POWER BUS CODING METHOD FOR COUPLING DRIVEN DEVICES” is the bonafide work of “DHARAN A (19BEC4035), GOKHUL R M (19BEC4057), RANJITH R (19BEC4301)” who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the 18ECP107L - Project Work
Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on

11/4/2023


INTERNAL EXAMINER


EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “ **AUTOMATIC CLASSIFICATION AND EARLIER DETECTION OF DIABETIC RETINOPATHY USING DEEP LEARNING** ”is the bonafide work of “**ASHOK B (19BEC4014), DHANUSH M (19BEC4033), ELANKATHIR S (19BEC4051)**” who carried out the project work under my supervision in the academic year 2022-2023.


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This project report has been submitted for the **18ECP107L - Project Work**
Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on

11/04/2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “ENERGY HARVESTING WBANs USING MAC PROTOCOL” is the bonafide work of “AAKASH R (19BEC4001), DEEBIN V (19BEC4023), DEEPAK S (19BEC4027)” who carried out the project work under my supervision in the academic year 2022-2023.

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11/4/23.

P. Ramakrishna
11/4/23
INTERNAL EXAMINER

A. Nandagopal
11/4/23
EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “SECURED AND STRUCTURED DATA STORING AND RETRIEVAL IN CLOUD COMPUTING BY USING TPA” is the bonafide work of “ATHAVAN J (19BEC4015), ELAMBHARATHI P (19BEC4049), GOPALAKRISHNAN P (19BEC4061)” who carried out the project work under my supervision in the academic year 2022-2023.


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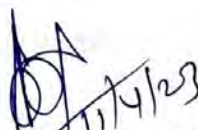

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11/4/2023


INTERNAL EXAMINER


EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “TIME SERIES FORECASTING OF ETHEREUM PRICE BY FB-PROPHET” is the bonafide work of “BHARANI P(19BEC4017), DHARUN B(19BEC4038), DINESH P (19BEC4044)” who carried out the project work under my supervision in the academic year 2022-2023.

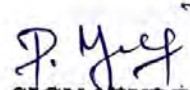
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11.04.2023

INTERNAL EXAMINER



EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “**DESIGN AND IMPLEMENTATION OF SOS INTER-DEVICE COMMUNICATION PROTOCOL**” is the bonafide work of “**DEEPAK KUMAR S (19BEC4025), DINESH N (19BEC4043), GEORGE SIMCLAIR S (19BEC4055)**” who carried out the project work under my supervision in the academic year 2022-2023.

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INTERNAL EXAMINER

EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “PREDICTION OF CHRONIC KIDNEY DISEASE USING MACHINE LEARNING TECHNIQUES” is the Bonafide work of “JANANI P (19BEC4080), JANANI S (19BEC4081), KEERTHANA E (19BEC4101)” who carried out the project work under my supervision in the academic year 2022-2023.

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M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “ SMART GARBAGE MONITORING SYSTEM” is the bonafide work of “ KAMESH C (19BEC4088), MANIKANDAN P (19BEC4113), MANIVEL R(19BEC4114), MOHAN P (19BEC4119)” who carried out the project work under my supervision in the academic year 2022-2023.



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Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
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This project report has been submitted for the **18ECP107L - Project Work**
Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on
11.04.2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “Modular Adder Design based on Reversible Toffoli CLA” is the bonafide work of “GUKAN V (19BEC4064), JEEVA ANANDH R (19BEC4083), KUMAR A (19BEC4106)” who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the 18ECP107L - Project Work Viva

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11-04-2023.

INTERNAL EXAMINER

EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “ THUNDERBOLT SINGLE PORT PERIPHERAL REFERENCE DESIGN USING ALTIUM” is the bonafide work of “ HARIPRIYAN S (19BEC4070), KAVIMANI P (19BEC4093), MAIGOKUL P (19BEC4112) ” who carried out the project work under my supervision in the academic year 2022-2023.

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INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “**BRAIN TUMOR CLASSIFICATION WITH INCEPTION V3 NETWORK MODEL USING TRANSFER LEARNING**” is the bonafide work of “**GUNA BHARATHI J(19BEC4065), KAVIYANANDH K (19BEC4099), LOHANANDD R (19BEC4110),**” who carried out the project work under my supervision in the academic year 2022-2023.


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This project report has been submitted for the **18ECP107L - Project Work Viva Voce Examination** held at M. Kumarasamy College of Engineering, Karur on 12/04/2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “ALERTS AND A DIGITAL LIBRARY BASED ON RFID” is the bonafide work of “ HARI PRASATH R M (19BEC4066), KAVINRAJ S(19BEC4096), MANOJ KUMAR J (19BEC4115)”who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the **18ECP107L - Project Work Viva Voce**

Examination held at M.Kumarasamy College of Engineering, Karur on

12-04-2023.

SIGNATURE
INTERNAL EXAMINER

SIGNATURE
EXTERNAL EXAMINER


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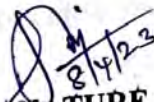


**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

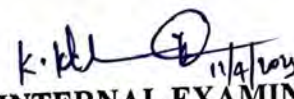
BONAFIDE CERTIFICATE

Certified that this project report "AN IOT BASED SMART ASSISTANCE SYSTEM FOR VISUALLY IMPAIRED PEOPLE" is the bonafide work of "HARISH R (19BEC4072), KALAIARASAN C (19BEC4086), KAVIN M (19BEC4095)" who carried out the project work under my supervision in the academic year 2022-2023.


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INTERNAL EXAMINER


EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “ VLSI DESIGN OF MAJORITY LOGIC BASED WALLACE TREE MULTIPLIER” is the bonafide work of “**HARISH KRITHIK ROSHAN S (19BEC4071), KISHORE KUMAR M (19BEC4103), MUGUNTHAN M (19BEC4121)**” who carried out the project work under my supervision in the academic year 2022-2023.

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INTERNAL EXAMINER


EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN OF RANDOM NUMBER SEQUENCE GENERATOR USING MULTI-STAGE FEEDBACK WITH MULTI-STAGE RING OSCILLATOR" is the bonafide work of "HARIHARAN P (19BEC4067), HARIHARAN R (19BEC4068), HARIKARAN S (19BEC4069)" who carried out the project work under my supervision in the academic year 2022-2023.

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INTERNAL EXAMINER

EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “DETECTION AND CLASSIFICATION OF RUBBER TREE LEAF DISEASES USING MACHINE LEARNING” is the bonafide work of “GOWSALYA P (19BEC4062), JANANI M (19BEC4079), KAVIYA G (19BEC4097), KAVYADEVI N (19BEC4100)” who carried out the project work under my supervision in the academic year 2022-2023.

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INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report "AN INDUSTRIAL WASTE WATER MANAGEMENT USING CLOUD BASED IoT" is the bonafide work of "HARSHINI S(19BEC4073), KARTHIKA M(19BEC4090), KRIPANANDHINI T(19BEC4104)" who carried out the project work under my supervision in the academic year 2022-2023.

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INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “**DESIGN AND DEVELOPMENT OF AN E-HEALTHCARE RECORDS MANAGEMENT SYSTEM USING BLOCKCHAIN ALGORITHM**” is the bonafide work of “**IMRAN NAZIR S (19BEC4075), INDRAJITH C R (19BEC4076), KAVIN KUMAR A (19BEC4094)**” who carried out the project work under my supervision in the academic year 2022-2023.


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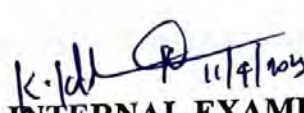
Communication Engineering,

M.Kumarasamy College of

Engineering,

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This project report has been submitted for the **18ECP107L - Project Work** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11-04-2023.


INTERNAL EXAMINER

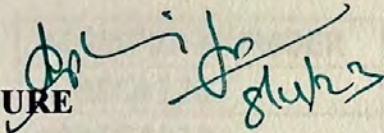

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

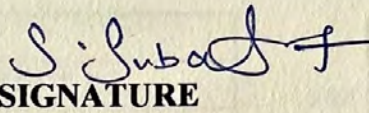
BONAFIDE CERTIFICATE

Certified that this project report “**RFID BASED AUTOMATIC CAR PARKING SYSTEM USING IOT**” is the bonafide work of “**KESAVA SAI RAAM C N (19BEC4102), MOHANRAJ T R (19BEC4120), MUHIN V (19BEC4122)**” who carried out the project work under my supervision in the academic year 2022-2023.


SIGNATURE

HEAD OF THE DEPARTMENT

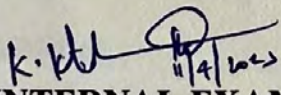
**Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
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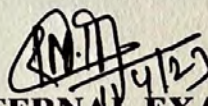

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This project report has been submitted for the **18ECP107L - Project Work Viva Voce Examination** held at M.Kumarasamy College of Engineering, Karur on 11.04-2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “ANALYSIS OF LUNGS CT IMAGE USING DEEP LEARNING TECHNIQUES” is the bonafide work of “HEMALATHA S (19BEC4074), KAVIYA SRI S (19BEC4098), MADHUBALA P (19BEC4111)” who carried out the project work under my supervision in the academic year 2022-2023.



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This project report has been submitted for the **18ECP107L - ProjectWork**
Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur
on 11/04/2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

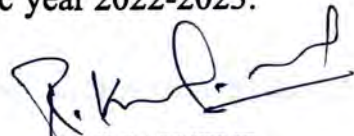
BONAFIDE CERTIFICATE

Certified that this project report “ **DETECTION OF GLAUCOMA USING MACHINE LEARNING**” is the bonafide work of “**KRISHNA KUMAR V (19BEC4105), MARIAPPAN S (19BEC4118), KUMARAGURUBARAN R (19BEC4107)**” who carried out the project work under my supervision in the academic year 2022-2023.


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This project report has been submitted for the **18ECP107L - Project Work Viva**
Voce Examination held at M.Kumarasamy College of Engineering, Karur on
11/4/2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “LOW POWER DESIGN OF EDGE DETECTOR USING STATIC SEGMENTED APPROXIMATE MULTIPLIERS” is the bonafide work of “JAGADHEESH R (19BEC4077), KAVI BHARATH S N (19BEC4092), MANOJ S (19BEC118)” who carried out the project work under my supervision in the academic year 2022-2023.

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INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “ A ULTRAWIDEBAND ANTENNA WITH OMNIDIRECTIONAL RADIATION FOR WiMAX APPLICATIONS ” is the bonafide work of “GOWTHAMAN M (19BEC4063), JANAGAR S(19BEC4078), KARUPPANNAN R M (19BEC4091)” who carried out the project work under my supervision in the academic year 2022-2023.

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11/04/2023.

[Signature]
11/4/2023
INTERNAL EXAMINER

[Signature]
11/4/23
EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this project report “ **LANDSLIDE MONITORING TECHNIQUES WITH IoT INTEGRATION** ” is the bonafide work of “ **JEYA KRISHNAN B (19BEC4085), KARTHICK M (19BEC4089), MANOJ KUMAR R (19BEC4116)** ” who carried out the project work under my supervision in the academic year 2022-2023.

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INTERNAL EXAMINER

EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “SUBMARINE COMMUNICATION FOR MONITORING DIVER'S HEALTH USING LI-FI” is the bonafide work of “ PRAVEEN N (19BEC4151) RAJESH N (19BEC4160) RAM SRINIVAS C (19BEC4162) SANJAY G (19BEC4170)” who carried out the project work under my supervision in the academic year 2022-2023.

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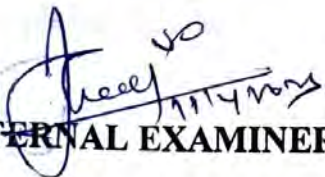
Communication Engineering,

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INTERNAL EXAMINER



EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR
BONAFIDE CERTIFICATE**

Certified that this project report “AN EFFICIENT ENERGY MANAGEMENT AND THEFT ALERT SYSYTEM USING IOT ENABLED SMART” is the bonafide work of “OVIYA S (19BEC4139), PRADEEPA T (19BEC4146), PREETHI SHRE A (19BEC4152)” who carried out the project work under my supervision in the academic year 2022-2023.

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INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this project report “VLSI IMPLEMENTATION OF TRIPLE-DES BLOCK CIPHER” is the bonafide work of “MYTHEESH C (19BEC4123), SANJAY R (19BEC4172), PARITHI MALAVAN G (19BEC4140), RAGUNATH S D (19BEC4158)” who carried out the project work under my supervision in the academic year 2022-2023.


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Dr.S.Subaselvi, M.E.,Ph.D.,

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This project report has been submitted for the **18ECP107L - Project Work** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11.04.2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “WEB APPLICATION BASED DIABETES PREDICION USING MACHINE LEARNING” is the bonafide work of “ROAHIT S (19BEC4166), RAGHURAJ S (19BEC4156), and NITHISHKUMAR S (19BEC4136)” who carried out the project work under my supervision in the academic year 2022-2023.

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HEAD OF THE DEPARTMENT

Dr.S.Palanivel Rajan, M.E., M.B.A.,
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INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN OF VARIOUS MODULATION SCHEMES USING DDS" is the bonafide work of "NARMADHA A (19BEC4126), SANTHIYA C (19BEC4173), SHANMUGA PRIYA S (19BEC4302)" who carried out the project work under my supervision in the academic year 2022-2023.



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INTERNAL EXAMINER


EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “FPGA-BASED OPTIMIZED DESIGN OF MONTGOMERY MODULAR MULTIPLIER” is the bonafide work of “RAJESHKUMAR A (19BEC4161), SANTHOSH K M (19BEC4176), SARAVANAN S (19BEC4181)” who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE



HEAD OF THE DEPARTMENT

Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,

D.Litt (USA),

Professor,

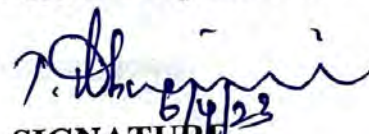
Department of Electronics and

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M.Kumarasamy College of Engineering,

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SUPERVISOR

Mrs.T.Abirami, M.E.,(Ph.D),

Assistant Professor,

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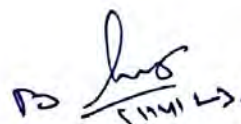
Thalavapalayam, Karur-639113

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INTERNAL EXAMINER



EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report "AN EFFICIENT MACHINE LEARNING APPROACHES FOR CROP RECOMMENDATION BASED ON SOIL CHARACTERISTICS" is the bonafide work of "NAVEEN B (19BEC4130), PRASANTH M (19BEC4149), SARAN S (19BEC4179)" who carried out the project work under my supervision in the academic year 2022-2023.


SIGNATURE

HEAD OF THE DEPARTMENT

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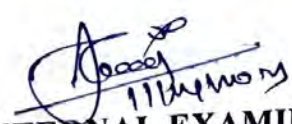
Communication Engineering,

M.Kumarasamy College of

Engineering,

Thalavapalayam, Karur-639113

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INTERNAL EXAMINER


EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “**DESIGN AND DEVELOPMENT OF AN IOT BASED SMART POULTRY FARM**” is the bonafide work of “**NANDHINI N (19BEC4125), NARMADHA B (19BEC4127), RANJANI S (19BEC4163), SARUMATHI T (19BEC4182)**” who carried out the project work under my supervision in the academic year 2022-2023.

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**Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
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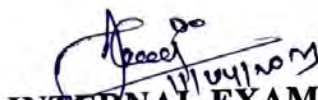
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**Mr.L.Ramesh, M.E.,
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This project report has been submitted for the **18ECP107L - Project Work Viva Voce Examination** held at M.Kumarasamy College of Engineering, Karur on 11.04.2023.

INTERNAL EXAMINER



EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “ VLSI DESIGN OF PIPE LINED FFT ARCHITECTURE FOR DSP APPLICATION” is the bonafide work of “NAVEENRAJ K (19BEC4133), RAGUPATHI R (19BEC4159), RAVI PRASATH S (19BEC4164)” who carried out the project work under my supervision in the academic year 2022-2023.


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HEAD OF THE DEPARTMENT

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Mr.T.Siva Kumar, M.E.,

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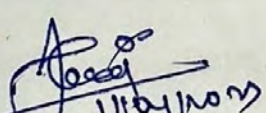
Communication Engineering,

M.Kumarasamy College of

Engineering,

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This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11-04-2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “**A Remote Monitoring Greenhouse Agricultural Farming with Edge Computing System**” is the bonafide work of “**NAVEEN K (19BEC4131), SANTHOSH KUMAR K (19BEC4177), SARAVANA KUMAR D (19BEC4180)**” who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

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**Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
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This project report has been submitted for the **18ECP107L - Project Work** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 12/04/2023.

INTERNAL EXAMINER

EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “BLOCKCHAIN BASED LIGHTWEIGHT AND SECURE AGGREGATION SCHEME FOR SMART FARMING” is the bonafide work of “NAVANEETHA M , (19BEC4129), PAVITHRA S (19BEC4142), POOVIZHI P (19BEC4145), SANTHIYA P (19BEC4174) who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

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SUPERVISOR

Dr.S. JEGADEESAN, M.E., Ph.D.,
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This project report has been submitted for the **18ECP107L - Project Work** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11-04-2023

INTERNAL EXAMINER

EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “A 2.4-GHz ENERGY-EFFICIENT TRANSMITTER FOR WIRELESS MEDICAL APPLICATIONS” is the bonafide work of “RAGHUL V (19BEC4155), ROHITH K (19BEC4167), SANJAY G (19BEC4155)” who carried out the projectwork under my supervision in the academic year 2022-2023.

SIGNATURE 

HEAD OF THE DEPARTMENT

Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,

D.Litt (USA),

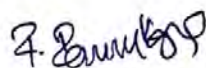
Professor,

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SUPERVISOR

Dr.R.Rajesh Kanna, M.Tech., Ph.D.,

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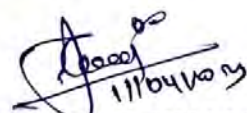
Communication Engineering,

M.Kumarasamy College of

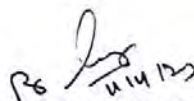
Engineering,

Thalavapalayam, Karur-639113

This project report has been submitted for the **18ECP107L - Project Work** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11/04/2023.



INTERNAL EXAMINER



EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report "A REAL TIME SYSTEM TO ANALYZE PATIENT'S HEALTH CONDITION USING SECOND LAYER COMPUTING" is the bonafide work of "POOVITHA K (19BEC4144), PRANIKAA V (19BEC4148), ROSINI M (19BEC4168)" who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

HEAD OF THE DEPARTMENT

**Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
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SUPERVISOR

**Dr.E.Dinesh, M.E.,Ph.D.,
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This project report has been submitted for the **18ECP107L - Project Work** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11-04-2023.

INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “**FLOATING POINT PIPELINED MAC DESIGN FOR SATELLITE APPLICATION**” is the bonafide work of “**NIRANJAN.B (19BEC4134), NITHISH KUMAR.P (19BEC4135), PARTHIBAN.R (19BEC4141)**” who carried out the project work under my supervision in the academic year 2022-2023.

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HEAD OF THE DEPARTMENT

**Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
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Thalavapalayam, Karur-639113**

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SUPERVISOR

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Professor,
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This project report has been submitted for the **18ECP107L - Project Work Viva** Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11.04.2023.

INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “ALZHEIMER’S DISEASE(AD) DIAGNOSIS FROM BRAIN MRI IMAGE USING NEURAL NETWORK ALGORITHM” is the bonafide work of “POOJA SHREE P.S (19BEC4143), RAASIKA S 19BEC4154), RITHIKASHREE B(19BEC4165)”who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

HEAD OF THE DEPARTMENT

Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
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INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “**PULSED LOW-FREQUENCY THERAPY DEVICE**” is the bonafide work of “**NAVEEN S (19BEC4132), RAGULAN R(19BEC4157), SANTHOSH S (19BEC4178)**” who carried out the project work under my supervision in the academic year 2022-2023.


SIGNATURE

HEAD OF THE DEPARTMENT

**Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
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SUPERVISOR

**Dr.P.Jeyakumar, M.E., Ph.D.,
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This project report has been submitted for the **18ECP107L - Project Work**
Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on

11/04/2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “MALWARE DETECTION USING XILINX SOFTWARE AND ADAPTIVE TEST PATTERN” is the bonafide work of “ NAGAHARIPRIYA S.K (19BEC4124), PRIYANKADEVI P (19BEC4153), SANGAVI S (19BEC4169) ” who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

HEAD OF THE DEPARTMENT

Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,

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INTERNAL EXAMINER

EXTERNAL EXAMINER



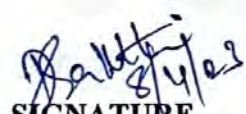
**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report "SMART WATER METER USING IoT" is the bonafide work of "NIVEDHITHAA S A (19BEC4137), NIVETHIKAA A (19BEC4138), PRATHIKSHA M (19BEC4150)" who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE 
HEAD OF THE DEPARTMENT

**Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
D.Litt (USA),
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SIGNATURE 
SUPERVISOR

**Mrs.P.Sakthi, M.E.,
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Engineering,
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This project report has been submitted for the **18ECP107L - Project Work** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11.04.2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER



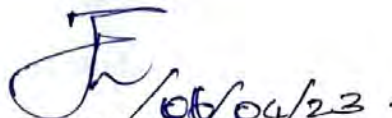
**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “**WIDEBAND DUAL POLARIZED ANTENNA ARRAY FOR 5G MASSIVE MIMO SYSTEMS**” is the bonafide work of “**SUGUMAR S (19BEC4210), SURIYA R(19BEC4214), YOGANATHAN M (19BEC4240)**” who carried out the project work under my supervision in the academic year 2022-2023.

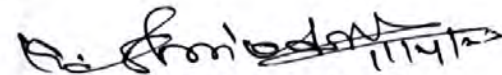
SIGNATURE 
HEAD OF THE DEPARTMENT

**Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
D.Litt (USA),
Professor,
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M.Kumarasamy College of Engineering,
Thalavapalayam, Karur-639113**


SIGNATURE
SUPERVISOR

**Dr.P.Jeyakumar, M.E., Ph.D.,
Assistant Professor,
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INTERNAL EXAMINER


EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "SMART CROP PROTECTION SYSTEM FROM ANIMALS USING AI" is the bonafide work of "SATHYAGEETHA S (19BEC4189), SOWMIA K S (19BEC4200), SRINIDHI J (19BEC4205)" who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

HEAD OF THE DEPARTMENT

Dr.S. Palanivel Rajan, M.E., M.B.A.,
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Thalavapalayam, Karur-639113

SIGNATURE

SUPERVISOR

Ms.K. Dharanipriya, M.E.,
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INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “AN EFFICIENT FPGA IMPLEMENTATION OF THE MULTIPLIER-LESS LMS ADAPTIVE FILTER” is the bonafide work of “SINDUJA G (19BEC4195), SRIMATHI M (19BEC4204), YOGALAKSHMI K (19BEC4239)” who carried out the project work under my supervision in the academic year 2022-2023.

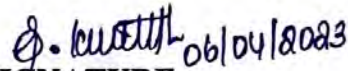
SIGNATURE



HEAD OF THE DEPARTMENT

Dr.S.PALANIVEL RAJAN,
M.E., M.B.A., Ph.D., D.Litt (USA),
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Thalavapalayam, Karur-639113


SIGNATURE



SUPERVISOR

Ms.S.KAVITHA, M.E.,
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INTERNAL EXAMINER



EXTERNAL EXAMINER



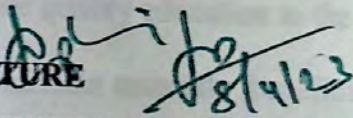
M.KUMARASAMY COLLEGE OF ENGINEERING,

KARUR

BONAFIDE CERTIFICATE

Certified that this project report "HIGH SECURITY AND LOW POWER AES CRYPTO PROCESSOR SECURITY ALGORITHM FOR IMAGE ENCRYPTION" is the bonafide work of "SASIKUMAR S (19BEC4183), SATHEESH S (19BEC4184), SATHISH A (19BEC4187), SRIDHAR P (19BEC4203)" who carried out the project work under my supervision in the academic year 2022-2023.

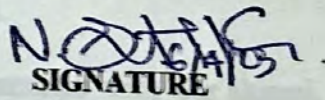
SIGNATURE



HEAD OF THE DEPARTMENT

Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
D.Litt (USA),
Professor,

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Thalavapalayam, Karur-639113

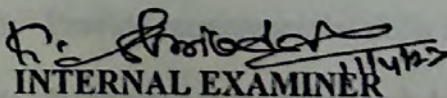


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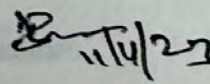
SUPERVISOR

Dr.N.Senthilkumar, M.Tech., Ph.D.,
Assistant Professor,
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Communication Engineering,
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Engineering,
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This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11/4/2023.



INTERNAL EXAMINER



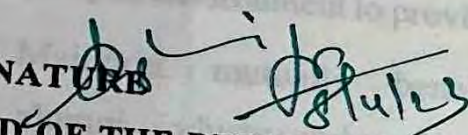
EXTERNAL EXAMINER

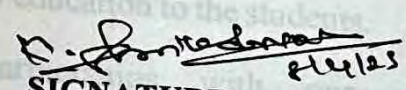


**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

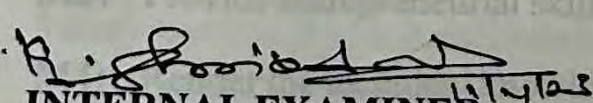
BONAFIDE CERTIFICATE

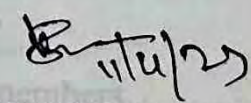
Certified that this project report “ EARLY DIAGNOSIS AND DETECTION OF VASCULAR DEMENTIA BASED ON MOBILE VNET FRAME WORK USING DCNN” is the bonafide work of “SNEHA A (19BEC4196), SOWMYA B (19BEC4201), SOWMYA S (19BEC4202)” who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE 
HEAD OF THE DEPARTMENT
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SIGNATURE 
SUPERVISOR
Mr.K.Sheikdavood, M.E.,(Ph.D)
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This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11.04.2023.

SIGNATURE 
INTERNAL EXAMINER

SIGNATURE 
EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "DETECTION OF DEGRADATION IN INFRASTRUCTURE USING IOT" is the bonafide work of "THAMILVANAN M (19BEC4221), THARNEES M K (19BEC4224), VASANNTHARAJ K (19BEC4229)" who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

HEAD OF THE DEPARTMENT

Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,

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This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11/04/2023.

SIGNATURE
INTERNAL EXAMINER

SIGNATURE
EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “**BODY AREA WIRELESS SENSOR NETWORK COMMUNICATION WITH HIGH DATA RATE USING DEFECTED GROUND PLANE ANTENNA**” is the bonafide work of “**SRIPATHI R (19BEC4206), SURYARAJ D.R (19BEC4217), THIRUMAL G (19BEC4225)**” who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the **18ECP107L - Project Work Viva Voce Examination** held at M.Kumarasamy College of Engineering, Karur on 11/04/2023.

INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “A DESIGN OF SAFETY BED: A NEOTRIC TECHNOLOGY BASED OLD AGE PEOPLE FALL DETECTION USING NEURAL NETWORK ” is the Bonafide work of “SATHESH KUMAR S (19BEC4186), SURESH K (19BEC4213), VIGNESH M (19BEC4231) SRIBHALAJI T(19BEC4303)” who carried out the project work under my supervision in the academic year 2022-2023.

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HEAD OF THE DEPARTMENT

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SUPERVISOR

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This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11.04.2023.

SIGNATURE
INTERNAL EXAMINER

SIGNATURE
EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “**COMPACT OCTAGONAL QUAD BAND ANTENNA FOR UWB APPLICATION**” is the bonafide work of “**SHINEKA K S (19BEC4193), VANDHANA M(19BEC4226), VIJY AHLAKSHMI S (19BEC4233)**” who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE
HEAD OF THE DEPARTMENT

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**Mrs.B.Neeththi Aadithiya,M.E.,
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This project report has been submitted for the **18ECP107L - Project Work** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11.04.2023.

INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “**DESIGN OF LOW POWER & HIGH-SPEED MULTIWAY MERGE SORTING NETWORKS FOR MEDIAN FILTER**” is the bonafide work of “**SURYA T (19BEC4215), VISHAL S R (19BEC4234), VISHNURAM S (19BEC4235)**” who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

HEAD OF THE DEPARTMENT

**Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
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SUPERVISOR

**Dr.V.Mariselvam, M.E., Ph.D.,
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This project report has been submitted for the **18ECP107L - Project Work** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11.04, 2023.

INTERNAL EXAMINER

EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “ **FIRE DETECTION AND ALERTING SYSTEM IN TRAIN USING GSM** ” is the bonafide work of “ **SRIRAM S (19BEC4208), SURYAA S A (19BEC4216), YOGAPRAKASH K (19BEC4241)** ” who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

HEAD OF THE DEPARTMENT

Dr.S.Palanivel Rajan, M.E., M.B.A.,

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SUPERVISOR

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This project report has been submitted for the **18ECP107L - Project Work** Viva Voce Examination held at M. Kumarasamy College of Engineering, Karur on 11/04/2023.

INTERNAL EXAMINER

EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “IOT BASED HEALTH MONITORING SYSTEM FOR AUTISM SPECTRAL DISORDER” is the bonafide work of “SHUBIKSHA P(19BEC4194),SUBHIKSHA B(19BEC4209), VIJAYALAKSHMI S(19BEC4232)” who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE



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**Dr.S. Palanivel Rajan, M.E., M.B.A.,
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SIGNATURE



SUPERVISOR

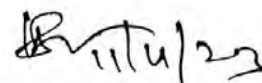
**Mrs.T. Abirami, M.E., (Ph.D),
Assistant Professor,
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Communication Engineering,
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Engineering,
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This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11.04.2023.

INTERNAL EXAMINER




EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

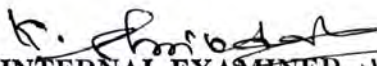
BONAFIDE CERTIFICATE

Certified that this project report "BRAINWAVE SENSOR BASED SMART HOME CONTROLLER FOR PARALYSED PEOPLE" is the bonafide work of "SNEHA B(19BEC4197), SRIRAGAVI R (19BEC4207), VEERADHARSHINI R(19BEC4230)" who carried out the project work under my supervision in the academic year 2022-2023.

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HEAD OF THE DEPARTMENT
Dr.S. Palanivel Rajan, M.E., M.B.A.,
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A. Nandagopal
8-4-23
SIGNATURE
SUPERVISOR
Dr.C. Nandagopal, M.E., Ph.D
Associate Professor,
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This project report has been submitted for the **18ECP107L - Project Work** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11/04/2023.


INTERNAL EXAMINER 11/4/23


EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report “SMART HEALTH MONITORING SYSTEM FOR COMA PATIENTS USING IoT” is the bonafide work of “SOUNDAR K (19BEC4199), TARUNKUMAR P (19BEC4220), YASWANTH M G (19BEC4238)” who carried out the project work under my supervision in the academic year 2022-2023.


SIGNATURE

HEAD OF THE DEPARTMENT

Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
D.Litt (USA),,

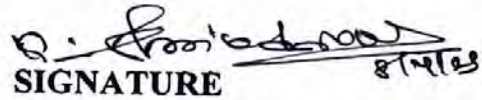
Professor,

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SIGNATURE

SUPERVISOR

Mr.K.Sheikdavood , M.E.,(Ph.D),,
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Department of Electronics and

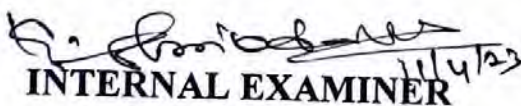
Communication Engineering,

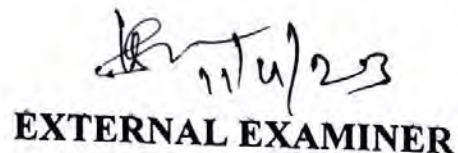
M.Kumarasamy College of

Engineering,

Thalavapalayam, Karur-639113

This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11.04.2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report " **URBAN SUBWAY FLOOD WATER MANAGEMENT SYSTEM** " is the bonafide work of " **TAMILMATHI VM (19BEC4219), THARANITHARAN S (19BEC4223), VARUN PRASAD T (19BEC4228)**" who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

HEAD OF THE DEPARTMENT

**Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,
D.Litt (USA),
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SUPERVISOR

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INTERNAL EXAMINER

EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "SMART COMMUNICATION SYSTEM FOR HUMAN LIFE SAFETY" is the bonafide work of "SUNDAR G (19BEC4212), YASWANTH K.M (19BEC4237), YOGESHWARAN S (19BEC4242)" who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

HEAD OF THE DEPARTMENT

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SIGNATURE

SUPERVISOR

Dr.S.Meivel, M.E., Ph.D.,

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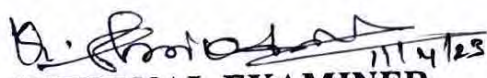
M.Kumarasamy College of

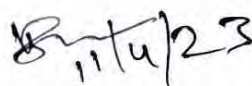
Engineering,

Thalavapalayam, Karur-639113

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11/04/2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "REAL TIME SOLDIER TRACKING AND HEALTH MONITORING SYSTEM USING IOT" is the bonafide work of "SATHEESHKUMAR N (19BEC4185), SATHISHKUMAR S B (19BEC4188), VISHNURAM T (19BEC4236)" who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

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INTERNAL EXAMINER

EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “DESIGN AND IMPLEMENTATION OF FPGA BASED RESCUE BOT” is the bonafide work of “SHANKAR PIRAJIN S (19BEC4191), SHANMUGAPRIYAN J (19BEC4192), SUJEETH S (19BEC4211)” who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

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Dr.S.Palanivel Rajan, M.E., M.B.A., Ph.D.,

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Mr.K.Sudhakar, M.E.,

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This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11/04/2023.

SIGNATURE
INTERNAL EXAMINER

SIGNATURE
EXTERNAL EXAMINER



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “DESIGN AND SIMULATION OF SAW MEMS DEVICE FOR GAS SENSING APPLICATION” is the bonafide work of “SELVANAYAH N (19BEC4190), SNEHA T (19BEC4198), SWATHIKA A (19BEC4218), VARSHITHA G (19BEC4227)” who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

HEAD OF THE DEPARTMENT

Dr.S.Palanivel Rajan,M.E.,M.B.A.,

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Professor,

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SIGNATURE

SUPERVISOR

Dr.K.Karthikeyan,B.E.,M.Tech.,

Ph.D.,

Associate Professor,

Department of Electronics and

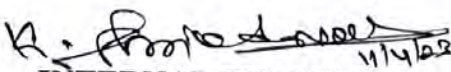
Communication Engineering,

M.Kumarasamy College of

Engineering,

Thalavapalayam, Karur-639113

This project report has been submitted for the 18ECP107L - Project Work Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 11.04.2023.


INTERNAL EXAMINER


EXTERNAL EXAMINER





Criterion 1: Curricular Aspects

1.3 Curriculum Enrichment

1.3.4.1: Number of students undertaking field projects / internships / student projects

Programme Name: B.E Electronics and Communication Engineering.

Minor Projects Proof

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report "**MCB FAILURE DETECTION AND PROTECTION**" is the bonafide work of "**ARUN KUMAR D (927621BEC014)**, **GOWTHAMVEL P(927621BEC054)**, **HARIPRASAATH S (927621BEC058)**, **KIRAN KUMAR S(22LEC007)**" who carried out the project work under my supervision in the academic year **2021-2023**

SIGNATURE

Dr.S.Palanivel Rajan, M.E.,Ph.D.,D.Litt (USA),

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PROFESSOR

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SIGNATURE

Mr.S.ARUNPRATHAP, M.E.

SUPERVISOR

ASSISTANT PROFESSOR

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This project report has been submitted for the **18ECP106L-Minor Project I Viva Voce Examination** held at M.Kumarasamy College of Engineering, Karur on

2022-2023(DPP)



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "PIEZOELECTRICITY IN ROADS" is the bonafide work of "ATHIL ABDUL RAHIM M (927621BEC016), BHAGAVATHI R (927621BEC024), DHANUSH S (927621BEC033), BALAJI P(927621BEC023)" who carried out the project work under my supervision in the academic year 2021-2022.


SIGNATURE

Dr.S.Palanivel Rajan, M.E.,Ph.D.,D.Litt (USA),

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PROFESSOR

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SIGNATURE

Dr.M.Dhamodaran M.E.,Ph.D.

PROFESSOR

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This project report has been submitted for the **18ECP103L-Minor Project I Viva Voce** Examination held at M.Kumarasamy College of Engineering, Karur on 2022-2023 (bDD)




PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report "AUTOMATIC ROOM LIGHT VISIT COUNTER" is the bonafied work of BHALARAM KRISHNA S A(927621BEC025),BALADEVA K(927621BEC019),DHILIP KUMAR R(927621BEC046), HARRISH SUNDAR A (927621BEC062) who carried out the project work carried out the project work under my supervision in the academic year 2022-2023

SIGNATURE

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This project report has been submitted for the 18ECP106L-Minor Project Viva
Voice Examination held at M.Kumarasamy College of Engineering, Karur on

2022-2023(B.P.D)



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "LOAD MANAGEMENT "is the bonafide workof "GANISKA S (927621BEC052) DHANUSHA R (927621BEC034), DHIYANESH S(927621BEC048), BHARATH B (927621BEC026) " who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the **18ECP103L-Minor Project I VivaVoce Examination** held at M.Kumarasamy College of Engineering, Karur on 2022 - 2023 (ADD)

PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this project report "SMART BLIND STICK" is the bonafide work of "AKASH R(927621BEC011), BABU PRASANTH S(927621BEC018), BALAJI G(927621BEC020), CHANDRU K(927621BEC028), MUKILAN K(22LEC018)" who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the 18ECP103L-Minor Project I Viva
Voice Examination held at M.Kumarasamy College of Engineering, Karur on 2022-2023




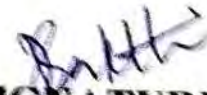
PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

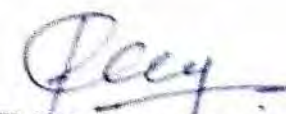
Certified that this project report "Real Time Pose Detection using Python" is the bonafide work of "Asmath Z(927621BEC015), Dharshinipriya R (927621BEC044), Elakkiyaa B (927621BEC051), Indhuja V (927621BEC064)" who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the 18ECP103L-Minor Project I Review held at M.Kumarasamy College of Engineering, Karur on 2022-2023 (ORD)

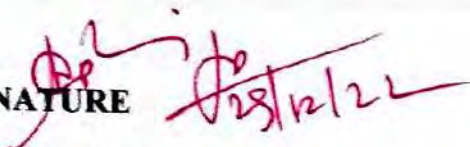

PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "SMART VACCUM CLEANER" is the bonafide work of "AARTHY A (927621BEC002), ABINAYASRI N (927621BEC004), DHARSHINI N (927621BEC042), HARINI S (927621BEC061)," who carried out the project work under my supervision in the academic year 2022-2023.

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Dr.A.SRIDEVI

SUPERVISOR

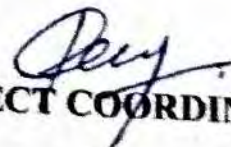
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This project report has been submitted for the 18ECP103L-Minor Project I Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 2022-23(ODD)



PROJECT COORDINATOR



M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "Street Light Controller By Using Thermistors" is the bonafide work of "Anusha L (927621BEC012), Brindha R (927621BEC027), Dharanika C (927621BEC038), Dharshana M (927621BEC041)" who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the 18ECP103L-Minor Project I Review Examination held at M. Kumarasamy College of Engineering, Karur on 2022-2023 (ODD)



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PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "AUDIOAMPLIFIER" is the bonafide work of "DEVADHARSHAN P (927621BEC030), DHARANESWARA V (927621BEC037), DHIVAKAR P (927621BEC047), DINESH S(927621BEC049)," who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the **18ECP103L-Minor Project I** viva voce Examination held at M. Kumarasamy College of Engineering 2022-2023 (ODD)




PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "LASER SECURITY ALARM SYSTEM" is the bonafide work of "ABINAYA T (927621BEC005), DEEPIKA M (927621BEC029), DHANUSRI R P (927621BEC035), DHARSHINI T (927621BEC043) " who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the **18ECP103L-Minor Project I**

Viva Voce Examination held at M.Kumarasamy College of Engineering ,Karur on



PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this 18ECP103L - Minor Project I report "SMART IRRIGATION SYSTEM" is the bonafide work of "Aishwarya R (927621BEC008), Arshidha U (927621BEC013), Haasnie S (927621BEC057), Harsela S (927621BEC063) who carried out the project work under my supervision in the academic year 2022-2023.

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Dr. S. Palanivel Rajan
21/4/23

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S. Subaselvi

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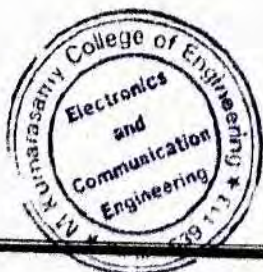
M.Kumarasamy College of Engineering,

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This Minor project-III report has been submitted for the 18ECP103L – Minor Project-I Review held at M. Kumarasamy College of Engineering, Karur on _____



Ray
PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING

KARUR

BONAFIDE CERTIFICATE

Certified that this 18ECP103L- Minor Project 1 report " IOT BASED AIR POLLUTION MONITORING SYSTEM" the bonafide work of " DHARANEESH V L (927621BEC036), GUHANRAJ P K (927621BEC056), HARIHARAN M (927621BEC059), HARIKUMARESAN S(927621BEC060)"who carried out the project work under my supervision in the academic year 2022-2023.

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28/12/22
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This project report has been submitted for the 18CB103L-Minor Project 1 viva voice Examination held at M,Kumarasamy College of Engineering,Karur on 2022-2023 ODD

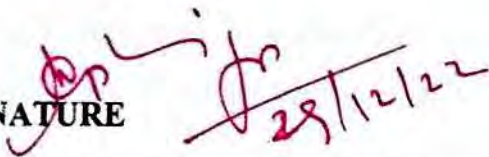
Deey
PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "ALCOHOL SENSING USING ARDUNIO AND ENGINE LOCKING SYSTEM" is the Bonafide work of "DINESH.V (927621BEC050), AJAYRAGHAV.R (927621BEC009), KIRTHIKKUMAR.S (927621BEC0305), GOWSIK.T (927621BEC053)" who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE



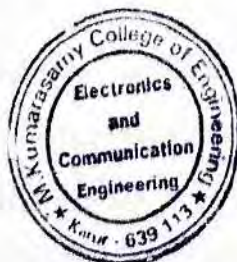
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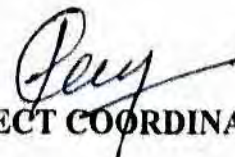


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This project report has been submitted for the 18ECP103L-Minor Project I Viva Voce Examination held at M. Kumarasamy College of Engineering, Karur on 2022-23 (odd).



PROJECT COORDINATOR



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this **18ECP103L - Minor Project I** report on “**DATA VUSUALIZATION OF GLOBAL CLIMATIC CHANGES**” is the bonafide work of “**KEERTHANA SP (927621BEC084), JAYARISHA V (927621BEC068), MADHUSRI J (927621BEC109), RANJANA PRIYA R (927621BEC310)**”Who carried out the project work under my supervision in the academic year 2022-2023 ODD SEMESTER.


SIGNATURE

**Dr.S.PALANIVEL RAJAN, M.E., M.B.A., Ph.D., Dr.C.NANDAGOPAL, M.E., Ph.D.,
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This Minor project-II report has been submitted for the **18ECP103L – Minor Project-I**

Review held at M.Kumarasamy College of Engineering, Karur on _____.


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this project report "RECONFIGURABLE INTELLIGENCE SURFACE " is the bonafide work of "KEERTHANA S (927621BEC083), LAVANYA K (927621BEC101), LISHA B (927621BEC103),MEENA (927621BEC119)"who carried out project work under my supervision in the academic year 2022-2023.

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This Minor project-1 report has been submitted for the **18ECP103L-Minor Project I** Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 2022-2023(ODD)


PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING

KARUR

BONAFIDE CERTIFICATE

Certified that this project report "AUTO ALERT FOR LAVATORY CLEANING " is the bonafide work of " MOHANPRASATH S (21BEC125) , MANOJ R (21BEC125) , MANIKANDAN S (21BEC113) , JEEVA G (21BEC069) "who carried out project work under my supervision in the academic year 2022-2023.


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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I

Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023 (ODD)




PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report " WIFI DOOR LOCK SYSTEM USING ESP32 CAM" is the bonafide work of " JANANI K(927621BEC066), KARNIKASHREE C(927621BEC071), KESAVI R(21BEC087), LAKSHANA K(927621BEC099)" who carried out the project work under my supervision in the academic year 2022-2023

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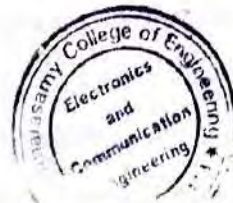
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This project report has been submitted for the **18ECP103L- Minor Project I Viva Voce Examination** held at M.Kumarasamy College of Engineering, Karur on 2022 - 2023 (odd)

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PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN OF TRIBAND MICROSTRIP PATCH ANTENNA USING CST SOFTWARE" is the bonafide work of "KEERTHIKA.R(927621BEC086), KIRUTHIGA.M(927621BEC090), KIRUTHIGA.V.R(927621BEC091), KRITHIGA.D(927621BEC097)" who carried out projectwork under my supervision in the academic year 2022-2023.


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Review held at M.Kumarasamy College of Engineering, Karur on 2022-2023 (ODD)


PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project report "AUTOMATED TROLLEY CART" is the bonafide work of "ATIF SAFIQ.M(927621BEC017), JEGATHESWARAN.K(927621BEC070), KARTHICK.C(927621BEC072), KARTHIKRAJA .M (927621BEC076)" who carried out the project work under my supervision in the academic year 2022-2023

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This project report has been submitted for the 18ECP103L-Minor Project I Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 2022-2023(ODD)

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BONAFIDE CERTIFICATE

Certified that this project report "DESIGN OF MICROSTRIP PATCH ANTENNA USING CST SOFTWARE" is the bonafide work of "MANJULA M(927621BEC114), LAKSHITHA SM(927621BEC100), KEERTHANA D(927621BEC082)" who carried out projectwork under my supervision in the academic year 2022-2023.

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This Minor project-III report has been submitted for the 18ECP105L – Minor Project-III

Review held at M.Kumarasamy College of Engineering, Karur on 2022-2023 (6DD)

PROJECT COORDINATOR



**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "PAPER VENDING MACHINE" is the bonafide work of KARTHIKA.R (927621BEC074), KEERTHI.P (927621BEC085), KIRUBASHINI.P (927621BEC089), MADHUMITHA SRI.R (927621BEC108) who carried out the project work under my supervision in the academic year 2022 – 2023-EVEN SEMESTER.

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This Minor project-II report has been submitted for the 18ECP104L – Minor Project-II

Review held at M. Kumarasamy College of Engineering, Karur on

20/4/23

PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

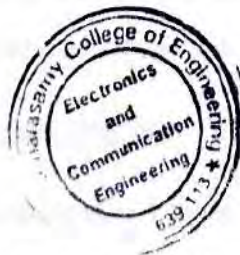
Certified that this project report " IOT BASED SAFETY SYSTEM USING MICROCONTROLLER" is the bonafide work of " KARVENDAN.P(927621BEC077), KISHORE.K(927621BEC095), MOHAN KUMAR.R(927621BEC124), LOGESHBABU.B (927621BEC105)" who carried out the project work under my supervision in the academic year 2022-2023.


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This Minor project-I report has been submitted for the 18ECP103L- Minor Project I review held at M. Kumarasamy College of Engineering, Karur on 2022-2023 [000]


PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "HIGH PERFORMANCE TRUNCATED MULTIPLIER FOR IMAGE PROCESSING APPLICATION" is the bonafide work of "MONIKA G (21BEC127), JANAPRIYA R (21BEC067), KARTHIKA R (21BEC074)" who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the **18ECP103L-Minor Project I Viva Voce Examination** held at M.Kumarasamy College of Engineering, Karur on 2022-2023(ODD)




PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING,

KARUR

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND IMPLEMENTATION OF ONBODY ANTENNA" is the bonafide work of KARTHICKRAJA K (927621BEC073), MADESHWARAN S (927621BEC106), KARTHIKEYAN S (927621BEC075), KAVIN V (927621BEC080) who carried out project work under my supervision in the academic year 2022-2023.

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This Minor project-I report has been submitted for the 18ECP103L - Minor Project I

Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023 (ODD)

PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report " IOT BASED HOME APPLIANCES CONTROLLER" is the bonafide work of "MIDHUN.R(927621BEC120), KAVINESH. A.S(927621BEC081), BALAKUMAR.A(927621BEC302), MOHAMED ANAS. S (927621BEC121)" who carried out the project work under my supervision in the academic year 2022-2023.


SIGNATURE

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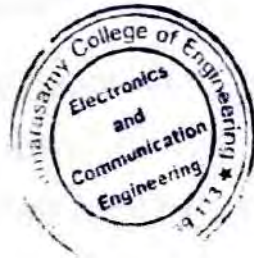
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This project report has been submitted for the 18ECP103L - Minor Project I Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 2022-2023 (odd)


PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND DEVELOPMENT OF MICROSTRIP PATCH ANTENNA WITH NANOFERRITE MATERIAL" is the bonafide work of M.MUTHULAKSHMI(927621BEC130), A.MONISHA(927621BEC129), G.NANDHINI(927621BEC131), S.NAVANEETHA(927621BEC134)"who carried out project work under my supervision in the academic year 2022-2023.


SIGNATURE

Dr.S.PALANIVELRAJAN, M.E., Ph.D.,

HEAD OF THE DEPARTMENT,

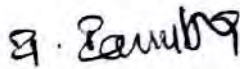
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This Minor project-I report has been submitted for the **18ECP103L – Minor Project-I**

Review held at M. Kumarasamy College of Engineering, Karur on 28.12.22



PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

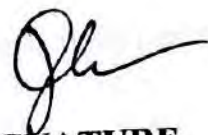
BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND SIMULATION OF MICROSTRIP PATCH ANTENNA FOR BREAST CANCER DETECTION" is the Bonafide work of 'S.PADMAVATHI (927621BEC141), K. NAVEEVA (927621BEC136), G.PAVIPRAVEENA (927621BEC142), G. PAVITHRA (927621BEC143)" who carried out projectwork under my supervision in the academic year 2022-2023.

SIGNATURE


Dr.S.PALANIVELRAJAN, M.E., Ph.D.,
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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I

Review held at M. Kumarasamy College of Engineering, Karur on 26.11.22


PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "POWER EFFICIENT MINI INVERTER" is the Bonafide work of PAVITHRA T (927621BEC144), POOJA SHREE M (927621BEC146), POORVAJA V S (927621BEC147), PRAVEENA M (927621BEC152)" who carried out project work under my supervision in the academic year 2022-2023.

SIGNATURE

Dr. S. PALANIVELRAJAN, M.E., Ph.D.,

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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I

Review held at M. Kumarasamy College of Engineering, Karur on 26.11.22

PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

certified that this project report "LED DISTANCE INDICATOR" is the bonafidework of RAGAVI.S (927621BEC159), REENA.S (927621BEC164), SARANYA .S (927621BEC186)"who carried out projectwork under my supervision in the academic year 2022-2023.

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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I

Review held at M.Kumarasamy College of Engineering, Karur on 27.12.22

PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "SPEAKER AUDIO AMPLIFIER" is the Bonafide work of R. PRIYADHARSHINI (927621BEC154), V. PRIYADHARSHINI (927621BEC155), V.PRITHIGA (927621BEC153), K. RENUGA (927621BEC165)" who carried out project work under my supervision in the academic year 2022-2023.

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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I

Review held at M. Kumarasamy College of Engineering, Karur on 26.11.22

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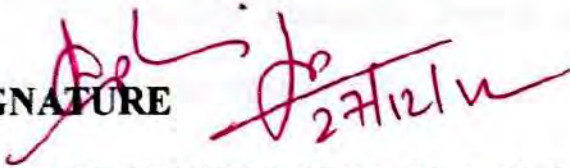
PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

certified that this project report "HAZARDOUS GAS LEAK DETECTION USING ARDUINO" is the Bonafide work of "M.S.PRUTHIGA (927621BEC157), N.PUVITHA I (927621BEC158), T.SASIREKHA (927621BEC189), B.SATHIYADHARSHINI (927621BEC190)" who carried out projectwork under my supervision in the academic year 2022-2023.

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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I

Review held at M. Kumarasamy College of Engineering, Karur on 27.12.22



PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

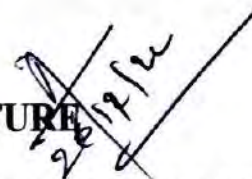
Certified that this project report "DESIGN AND SIMULATION OF COMPACT MONOPOLE ANTENNA FOR UAV APPLICATION" is the Bonafide work of "T.RATHIPRIYA (927621BEC162), B.RUBAA (927621BEC167), S.SANCHANA SRI (927621BEC170), M.SANGAVI (927621BEC172)" who carried out projectwork under my supervision in the academic year 2022-2023.

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26/11/2022

Dr.S.PALANIVELRAJAN, M.E., Ph.D.,
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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I

Review held at M.Kumarasamy College of Engineering, Karur on 26.11.22


PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "SERVO DISTANCE INDICATOR" is the bonafide work of "S.NIKESH(927621BEC137), B.MONISH (927621BEC128), S.SANTHA KUMAR (927621BEC181), S.SARAN(927621BEC183)" who carried out project work under my supervision in the academic year 2022-2023.

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G. Rajesh

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Dr.R.RAJESH KANNA, M.Tech., Ph.D.,

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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I

Review held at M. Kumarasamy College of Engineering, Karur on 28.12.22

Pey
PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "Drive Ability Testing Sensor" is the bonafide work of "Sanjai K (927621BEC177), Saran Kumar K (927621BEC185), Sarvesh MD (927621BEC188)" who carried out projectwork under my supervision in the academic year 2022-2023.

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This Minor project-I report has been submitted for the **18ECP103L – Minor Project-I**

Review held at M. Kumarasamy College of Engineering, Karur on 26.11.22

PROJECT COORDINATOR

Type text here

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report "THz METAMATERIAL FOR 6G" is the bonafide work of "PRADEEP V (927621BEC148), SANJAI B (927621BEC175), NATHAN S (927621BEC132), SANJAI S (927621BEC179)" who carried out project work under my supervision in the academic year 2022-2023.

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Dr.S. PALANIVELRAJAN, M.E., Ph.D.,

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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I

Review held at M. Kumarasamy College of Engineering, Karur on 26.11.22



PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report " **FIRE EXTIGUISHER AND SUPPRESSION SYSTEM** "is the bonafide work of "**B.SANJAI(927621BEC176),S.SANTOSH KUMAR(927621BEC182),S.SARAN(927621BEC184),R.SANGEETHKUMAR(927621BEC173)**" who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE

Dr.S.PALANIVELLRAJAN, M.E., Ph.D.,
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This project report has been submitted for the **18ECP103L-Minor Project I Viva Voce** Examination held at M.Kumarasamy College of Engineering, Karur on 26.11.22

PROJECT COORDINATOR

Type text here

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND SIMULATION OF NFC ANTENNA USING HFSS" is the bonafide work of " G.NITHESKUMAR (927621BEC139), T.RAVIKUMAR (927621BEC163), N.ROSHAN (927621BEC166) V.SANGEETH (927621BEC174)" who carried out project work under my supervision in the academic year 2022-2023.

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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I

Review held at M. Kumarasamy College of Engineering, Karur on 27.12.22

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "SOLAR WIRELESS ELECTRIC VEHICLE WITH OBSTRACLE DTECTOR" is the Bonafide work of "NITHISHKUMAR C (927621BEC140), PRASANTH G (927621BEC149), SANJAI P (927621BEC178), SARAVANAN M (927621BEC187)" who carried out projectwork under my supervision in the academic year 2022-2023.


SIGNATURE

Dr.S.PALANIVELRAJAN, M.E., Ph.D.,

HEAD OF THE DEPARTMENT,

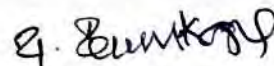
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Dr.R.RAJESH KANNA, M.Tech., Ph.D.,

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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I

Review held at M. Kumarasamy College of Engineering, Karur on 26.11.22


PROJECT COORDINATOR

MLKUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report " BLUETOOTH BASED HOME AUTOMATION USING ARDUINO UNO " is the bonafide work of " PRAVEENS (927621BEC151), PAVITHRAN. A.V (927621BEC145), PRIYAKATHK (927621BEC156), SABARIJ (927621BEC168)" who carried out the project work under my supervision in the academic year 2022-2023

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Dr.S.PALANTVELRAJAN, M.E., Ph.D.,

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This Minor project-I report has been submitted for the 18ECP103L-MinorProject-I

Review held at M. Kumarasamy College of Engineering, Karur on 26.11.22

PROJECT-COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "WIRELESS ELECTRICITY TRANSMISSION BY USING WARDENCLYFFE TOWER" is the bonafide work of "NISHANTH .G (927621BEC138), RAGULADHITHIYA.S(927621BEC160), RAKESH.C(927621BEC161), SACHIN .R.S (927621BEC169)" who carried out project work under my supervision in the academic year 2022-2023.

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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I Review held at M. Kumarasamy College of Engineering, Karur on 26.11.22



PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "PERSONAL CLOUD STORAGE" is the bonafide work of "NATHISH.B (927621BEC133) NAVEEN KUMAR.S (927621BEC135), SANJAYKUMAR.R (927621BEC180),"who carried out project work under my supervision in the academic year 2022-2023.

SIGNATURE

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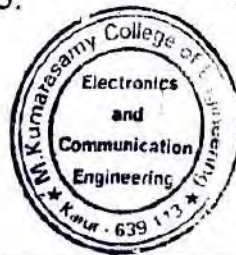
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Review held at M. Kumarasamy College of Engineering, Karur on 26.11.22

PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project report "ACCIDENT PREVENTION SYSTEM USING ULTRASONIC SENSOR" is the bonafide work of "PRASANTH V (927621BEC150), SANDHEEP S (927621BEC171), SATHIYAMOORTHY C (927621BEC191), PRAKASHKUMAR M (927621BEC309), who carried out projectwork under my supervision in the academic year 2022-2023.

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Dr.S.PALANIVELRAJAN, M.E., Ph.D.,
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Dr.R.RAJESH KANNA, M.Tech., Ph.D.,
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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I

Review held at M. Kumarasamy College of Engineering, Karur on 26.11.22

[Handwritten Signature]
PROJECT COORDINATOR

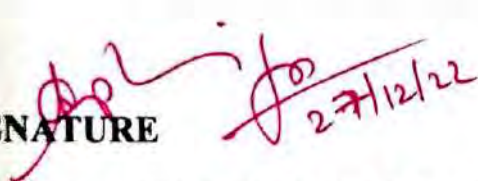
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**M. KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

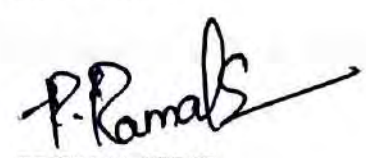
BONAFIDE CERTIFICATE

Certified that this project report "Vehicle Detector Using RFID" is the bonafide work of "VISHWA S (927621BEC243), SHARATH C (927621BEC196), YOGESHWARAN S (927621BEC246), YUVANSANKARRAJA S (927621BEC250)" who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project - 1 report has been submitted for the 18ECP103L - Minor Project I Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 2022-2023 (odd).




PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report "SMART BLIND STICK" is the bonafide work of "S.P.VASHANTH (927621BEC235), R.K.SHANJAY(927621BEC195), S.YUVAN SANKAR RAJA (927621BEC249), S.YUVARAJ (927621BEC251)" who carried out the project work under my supervision in the academic year 2022-2023

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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023 (odd)



PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "IOT MINING TRACKING AND WORKERS SAFETY HELMET" is the bonafide work of "DHANAJA R (927621BEC032), SREVARSHINE S (927621BEC208), THANUSHYA RPR (927621BEC227), THARUNIGA AM (927621BEC228)" who carried out project work under my supervision in the academic year 2022-2023.

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This Minor project-I report has been submitted for the **18ECP103L – Minor Project-I**

Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023 (odd)



PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this 18ECP103L-Minor Project I report "MICROSTRIP BANDPASS FILTER USING L-SHAPED RESONATOR" is the bonafide work of "VIDHYA SHREE S (927621BEC239), SIVAPRIYAS(927621BEC200), VINOETHA P (927621BEC241)" who carried out the project work under my supervision in the academic year 2022-2023.

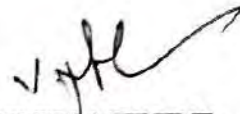
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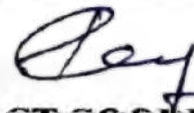


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This Minor project-I report has been submitted for the 18ECP103L- Minor Project-I

Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023 (odd)



PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report 18ECP103L-Minor Project-I report "GAS LEVEL DETECTION AND AUTOMATIC BOOKING SYSTEM" is the bonafide work of "VASANTH P (927621BEC234), VISHAL G (927621BEC242), SIBI V B (927621BEC199), YUVA SARAVANAN S (927621BEC248)" who carried out project work under my supervision in the academic year 2022-2023.


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Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023 (add)




PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this **18ECP101L-Minor Project I** report **“IOT BASED WIRELESS SENSOR NETWORK FOR AIR POLLUTION MONITORING”** is the bonafide work of **“YUVA SHREE R (21BEC252), SRUTHIKAA KV (21BEC212), SUGANYA DEVI S (21BEC220), SOWMIGA B(21BEC207) ”** who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project-I report has been submitted for the **18ECP103L – Minor Project-I**

Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023 (odd)



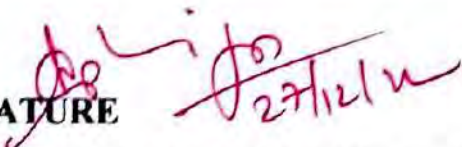
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BONAFIDE CERTIFICATE

Certified that this project report "AUTOMATIC WORKING WINDOW" is the bonafide work of "S. SHOBICA (927621BEC198), T. SOBIYA (927621BEC205), V. SUJITHA (927621BEC222)" who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I Review held at M. Kumarasamy College of Engineering, Karur on 2022 - 2023 (odd)




PROJECT COORDINATOR

Type text here

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “CORONA PROTECTED AUTOMATIC DOORBELL” is the bonafide work of “SNEHA R (927621EC202) SUNMATHI S (927621BEC223) YAKSHINI M (927621BEC244)” who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project-I report has been submitted for the 18ECP103L – Minor

Project-I Review held at M.Kumarasamy College of Engineering, Karur on

2022-2023 (Oct)



PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report " VEHICLE SENSING STREET LIGHT SYSTEM " is the bonafide work of " SATHYA P (927621BEC192), SUBASREE S (927621BEC217), THIRISHA G (927621BEC230)" who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the 18ECP103L - Minor Project I Viva Voce Examination held at M.Kumarasamy College of Engineering, Karur on 2022 - 2023 (odd).




PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR


BONAFIDE CERTIFICATE

Certified that this project report “ BLUETOOTH MODULE CAR” is the bonafide work of BALAJI N (21BEC022), SETHU PRIAN V M (21BEC193), SRIHARI M (21BEC211), THARUN KUMAR R B (21BEC229) who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I
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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project report "SHOCKLESS TOUCH AUTOMATION" is the bonafide work of "SUJIT M(927621BEC221), SUDHARSUN S(927621BEC219), SRIDHAR RC(927621BEC210), SUBHASH K(927621BEC218)" who carried out project work under my supervision in the academic year 2022-2023.

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This Minor project-III report has been submitted for the 18ECP105L – Minor Project-I

Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023 (odd)

PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report titled “**DESIGN AND ANALYSIS OF MULTIBAND PLANAR INVERTED - F ANTENNA (PIFA) FOR PORTABLE WIRELESS DEVICES**” is the bonafide work of **SUBASH S (927621BEC214), TEJNITHISH S (927621BEC226), THIRUPUKAL G (927621BEC231)** and **SURYA S (927622LEC003)** who carried out the work under my supervision in the academic year 2022-2023

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This Minor project-I report has been submitted for the **18ECP103L – Minor Project-I**

Review held at M.Kumarasamy College of Engineering, Karur on 2022-2023 (odd)



PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND NUMERICAL SIMULATION OF MEMS MICROHEATER FOR GAS SENSING APPLICATION" is the bonafide work of "P.SUBASH(927621BEC213),M.SIVARAMAKRISHNAN(927621BEC201),S.YASAR(927621BEC245),S.VIGNESHWARAN(927621BEC240)" who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project -I report has been submitted for the 18ECP103L Minor Project I Review held at M.Kumarasamy College of Engineering, Karur on 2022 - 2023.




PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "ALCOHOL DEDUCTION ENGINE LOCKING SYSTEM" is the bonafide work of "VAISRI S(927621BEC233), SHARMILA S(927621BEC197), SURIYA N(927621BEC224), VASUKI M(927621BEC236)" who carried out project work under my supervision in the academic year 2022-2023.

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This Minor project-I report has been submitted for the 18ECP103L – Minor Project-I

Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023 (old)



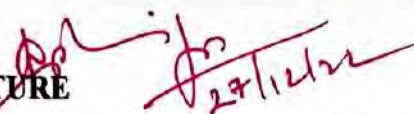
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BONAFIDE CERTIFICATE

Certified that this Project report "HIGH PERFORMANCE VLSI CIRCUITS" the bonafide work of "Vasunthra P (927621BEC237), Sneha R (927621BEC204), Shalini S (92721BEC194), Sneha R(927621BEC203)" who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project -1 report has been submitted for the 18ECP103L-Minor Project 1 Review Examination held at M.Kumarasamy College of Engineering, Karur on 2022-2023 (old)




PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this **18ECP103L-Minor Project II report "CLIMATE ADAPTIVE STREET LIGHT GLOWING SYSTEM"** is the bonafide work of "**ABIRAJA B (20BEC4002), ASHWIN S (20BEC4012), BHUVANESH R (20BEC4022), BOOPATHI A (20BEC4024)**" who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project-III report has been submitted for the **18ECP105L – Minor Project-III**

Review held at M.Kumarasamy College of Engineering, Karur on 15.10.2022.



PROJECT COORDINATOR

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Certified that this **18ECP105L-Minor Project III** report "**FOREST FIRE DETECTION SYSTEM**" is the bonafide work of "**AMIRTHISVARAN R P (20BEC4006), ATHISH K B (20BEC4014), DHANUSHKUMAR S (20BEC4031), GOWTHAM R (20BEC4049)**" who carried out the project work under my supervision in the academic year 2022-2023.

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Certified that this 18ECP105L-Minor Project III report "DESIGN AND SIMULATION OF FET FOR NANOELECTRONICS" is the bonafide work of "ARCHANA S (20BEC4007), BHAVADHARANI K (20BEC4021), DEVADHARSHINI K (20BEC4030), HARINI S(20BEC4053) " who carried out the project work under my supervision in the academic year 2022-2023.

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Certified that this 18ECP103L-Minor Project III report "POWER BANK CIRCUIT ON PCB" is the bonafide work of "CHANDIKA N (20BEC4026), ELAKKIYA K V (20BEC4037), KAVIYAVARDHINI S (20BEC4306)" who carried out the project work under my supervision in the academic year 202~~2~~² 202~~3~~³

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Review held at M.Kumarasamy College of Engineering, Karur on 15.10.2022




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BONAFIDE CERTIFICATE

Certified that this 18ECP105L-Minor Project III report "OWN SECURED VIRTUAL PRIVATE NETWORK" is the bonafide work of "DEEPANRAJ P (20BEC4028), ARULMOZHI B (20BEC4009), BOOPATHY L (20BEC4025)" who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project-III report has been submitted for the 18ECP105L – Minor Project-

III Review held at M. Kumarasamy College of Engineering, Karur on 15.10.2022.



PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project report “**DESIGN OF PERFORMANCE ENHANCED APPROXIMATE MULTIPLIER WITH HALF ADDER AND FULL ADDER**” is the bonafide work of “**AHAMED MUSTHAFA M (20BEC4004), BALAJI J (20BEC4015), ASWATH S (20BEC4013)**” who carried out project work under my supervision in the academic year 2022-2023.

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Review held at M. Kumarasamy College of Engineering, Karur on ~~2022~~ (2022-2023)

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BONAFIDE CERTIFICATE

Certified that this project report **AUTOMATIC RAIN WIPER** is the bonafidework of GOWRI SHANKAR G S (20BEC4045), DHARANIKUMAR K (20BEC4032) , GOWTHAM S (20BEC4050), ABISHEK P (20BEC4003) who carried out projectwork under my supervision in the academic year 2022-2023.

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This Minor project-III report has been submitted for the **18ECP105L –
Minor Project-III**

Review held at M. Kumarasamy College of Engineering, Karur on 15.10.2022

PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this 18ECP105L-Minor Project III report "A NOVEL DESIGN OF SRAM USING 10T CMOS FOR ULTRA-LOW VOLTAGE APPLICATIONS" is the bonafide work of "AARTHI P (20BEC4001), BHARATHI G (20BEC4020), HARSHINI M (20BEC4056)" who carried out the project work under my supervision in the academic year 2022-2023.


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This Minor project-III report has been submitted for the 18ECP105L – Minor Project-III Review held at M. Kumarasamy College of Engineering, Karur on 15.10.2022.



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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP105L-Minor Project III report "A MULTI - LEVEL DRAM WITH FAST READ AND LOW POWER CONSUMPTION" is the bonafide work of "ARTHI S (20BEC4008), BOOMA R (20BEC4023), DEEPIKA B (20BEC4029)" who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project-III report has been submitted for the 18ECP105L – Minor Project-III Review held at M. Kumarasamy College of Engineering, Karur on

15.10.2022



PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP105L-Minor Project III report "AN IOT BASED NON-DESTRUCTIVE FOOD QUALITY MONITORING SYSTEM FOR MANAGING SUPPLY CHAIN RISKS " is the bonafide work of "AKHILAN K R (20BEC4005), GOKUL P(20BEC4041), GOPINATH N (20BEC4043), HARISH S (20BEC4055) " who carried out the project work under my supervision in the academic year 2022- 2023.

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BONAFIDE CERTIFICATE

Certified that this **18ECP105L-Minor Project III** report "**SMART PURSE**" is the bonafide work of "**DHARSHINI R (20BEC4033), GOWRI R (20BEC4044), GOWSIKADEVI M (20BEC4047)**" who carried out the project work under my supervision in the academic year 2022-2023.


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PROJECT COORDINATOR



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Certified that this project report "TRANSFORMERLESS CHARGER" is the bonafide work of "GOWTHAM G (20BEC4048), DHAYANETHI V (20BEC4035) GUNANITHI R (20BEC4051), RAGUNATH K (20BEC4310)" who carried out project work under my supervision in the academic year 2022-2023.

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BONAFIDE CERTIFICATE

Certified that this 18ECP103L-Minor Project II report "SUPER CAPACITOR BATTERY" is the bonafide work of "ARUN KUMAR N (20BEC4011), BALAJI P (20BEC4016), GOKUL S C (20BEC4042), GOWSHIK N (20BEC4046)" who carried out the project work under my supervision in the academic year 2022-2023.


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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project report "A FEM BASED STUDY OF HEAT DISTRIBUTION IS ELETROSTATICALLY INDUCED CONTACTS " is the bonafide work of " BALA SURYA B (20BEC4018) , BHARATH K (20BEC4019) , CIBI C (20BEC4027) , DHARUN M (20BEC4034)" who carried out the project work under my supervision in the academic year 2022-2023.

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Certified that this **18ECP105L-Minor Project III** report “**DROWSINESS DETECTION SENSOR**” is the bonafide work of “**INDDIRA A (20BEC4057), MEHA R(20BEC4067), KALAIVANI P (20BEC4067),MADHUPRIYA R(20BEC4098)** ” who carried out the project work under my supervision in the academic year 2022-2023.

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Certified that this 18ECP105L-Minor Project III report "AMBULATORY SECURITY CAMERA" is the bonafide work of "JAGADEESHAN V (20BEC4058), JASWANT V (20BEC4062), MAGESHWARAN S P (20BEC4099), MOHAN RAM S (20BEC4105)" who carried out the project work under my supervision in the academic year 2022-2023.

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PROJECT COORDINATOR

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Certified that this 18ECP105L-Minor Project III report "WIRELESS NOTICE BOARD" is the bonafide work of " KAVIN S (220BEC4071),KAWASKAR R (20BEC4076),KRISHNARAJ D (20BEC4084),LOGARAJ K M S (20BEC4092) " who carried out the project work under my supervision in the academic year 2022-2023.


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Certified that this 18ECP105L-Minor Project III report "AUTOMATIC ON OR OFF USING MOTION SENSOR" is the bonafide work of "Loheshkumar S (20BEC4096-), Muthuprakash A (20BEC4109), Nagraj E (20BEC4111)" who carried out the project work under my supervision in the academic year 2022-2023.

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP105L - Minor Project III report "VOICE BASED DIGITAL NOTICE BOARD" is the bonafide work of "MOWRIEAN K (20BEC4108), MADHAVAN A (20BEC4097), MOHAMAD MUSTHAKKIM J (20BEC4103), LOGESHWARAN B (20BEC4093)" who carried out the project work under my supervision in the academic year 2022-2023


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Certified that this 18ECP105L-Minor Project III report "T-SLOTTED CIRCULAR PATCH ARRAY ANTENNA FOR UAV APPLICATION" is the bonafide work of "KARTHICK PRASATH M (20BEC4069), JANAKAN D (20BEC4059), KAVIYARASEN B C (20BEC4074), NACHIMUTHU D (20BEC4110)" who carried out the project work under my supervision in the academic year 2022-2023.

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PROJECT COORDINATOR

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Certified that this 18ECP105L-Minor Project III report “Wideband Circular Patch with Partial Meta Loaded Antenna for Energy Harvesting Application” is the bonafide work of “KIRUBAKARAN R (20BEC4079), KUMERESAN D (20BEC4086), LATHIKESH S (20BEC4087), LOGANATH S (20BEC4091)” who carried out the project work under my supervision in the academic year 2022-2023.


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Certified that this **18ECP105L-Minor Project III** report "**TV BAG MONITORING AND ALERT SYSTEM**" is the bonafide work of "**KEERTHANA S (20BEC4077), KEERTHI S (20BEC4078), LAVANYA P (20BEC4088), NAGESWARI R (20BEC4112)**" who carried out the project work under my supervision in the academic year 2022-2023.

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BONAFIDE CERTIFICATE

certified that this 18ECP105L-Minor Project III report "A NOVEL DESIGN OF AGE-RELATED CHOCOLATE VENDING IC USING 250NM TECHNOLOGY" is the bonafide work of "KAVIPRIYA M (20BEC4072), JANANI M(20BEC4061), LAVANYA (20BEC4089) " who carried out the project work under my supervision in the academic year 2022-2023.

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Certified that this project report "SMART IRRIGATION SYSTEM IN THE FIELD OF AGRICULTURE" is the bonafide work of **KAMALESH S(20BEC4068), JEYASURYA T(20BEC4064), KISHOR L(20BEC4080), MOHAMMED ASHRAF D(20BEC4104)** who carried out the project work under my supervision in the academic year 2022-2023.


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Certified that this 18ECP105L - Minor Project III report "ALARMING FOR HEALTH MONITORING SYSTEM" is the bonafide work of "JANANI G (20BEC4060), JAYAPRIYA S (20BEC4063), KOUSHIKAA N (20BEC4082), LEKHASHREE M (20BEC4090)" who carried out the project work under my supervision in the academic year 2022-2023.


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Certified that this 18ECP105L - Minor Project III report "LPG CYLINDER WEIGHT AND GAS LEAKAGE MONITORING SYSTEM" is the bonafide work of "JOSHIKA P (20BEC4065), JOTHIPRIYA R (20BEC4066), MATHUMITHA T (20BEC4101), NANDHINI R (20BEC4114)" who carried out the project work under my supervision in the academic year 2022-2023.

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Certified that this 18ECP105L-Minor Project III report “DIAGNOSIS OF FAULT AND MONITERING OF SMALL WIND TURBINE USING ARDUNIO” is the bonafide work of “KAVIYA C (20BEC4073), KAVYAPRIYA V (20BEC4075), MONISH K (20BEC4106), MONISHA M (20BEC4107)” who carried out the project work under my supervision in the academic year 2022-2023.

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Certified that this 18ECP105L-Minor Project III report "ULTRASONIC RADAR" is the bonafide work of "KISHOR.S(20BEC4081),KRITHIK PRIYAN.K.A(20BEC4085),LOGESHWARAN.S(20BEC4094),LOGESWARA N.P(20BEC4095)" who carried out the project work under my supervision in the academic year 2022-2023.

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Certified that this 18ECP105L-Minor Project III report "LASER SECURITY SYSTEM" is the bonafide work of "MANIKANDAN M (20BEC4100), NANDHEESWARAN S (20BEC4113), KARTHIK R (20BEC4070), KOWSIGAN R (20BEC4083)" who carried out the project work under my supervision in the academic year 2022-2023.


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Certified that this project report “**FOOTSTEP POWER GENERATION SYSTEM**” is the bonafide work of “**NANDHINI S (20BEC4115), POOVITHA R (20BEC4127), ABANA M (20BEC4155)**” who carried out the project work under my supervision in the academic year 2022-2023.

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Review held at M.Kumarasamy College of Engineering, Karur on 2022-2023 (add)



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Certified that this project report "A NOVEL DESIGN OF PAN-DI IC FOR TYPE-II DIABETES MELLITUS MONITORING" is the bonafide work of "NARMATHA S (20BEC4117), RESHMA T (20BEC4147), SANDHIYA R (20BEC4163)" who carried out the project work under my supervision in the academic year 2022-2023.


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This Minor project-II report has been submitted for the 18ECP105L – Minor Project-III Review held at M.Kumarasamy College of Engineering, Karur on 2022-2023 (odd)




PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this project report "LOAD MANAGEMENT" is the bonafide work of "NAVEEN KUMAR J (20BEC4118), PRAVEEN RAJA K (20BEC4139), PRAVEEN S (20BEC4140), SACHIN D (20BEC4160)" who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project-III report has been submitted for the 18ECP105L – Minor Project-III Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023 (odd).



PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this project report "MEASURING SOIL MOISTURE USING SENSOR" is the bonafide work of "NAVEEN.M (20BEC4119),NAVEEN.V (20BEC4120),SAKTHIVEL.K(20BEC4162),ASWIN KUMAR(20BEC4301)"who carried out project work under my supervision in the academic year 2022-2023.

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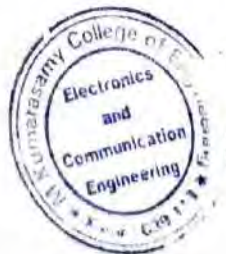
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This Minor project-III report has been submitted for the 18ECP105L – Minor Project-III Review held at M. Kumarasamy College of Engineering, Karur on 2022-23(000)

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**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report "FALL DETECTION OF ELDERLY PEOPLE" is the bonafide work of "NAVYA R (20BEC4121), NITHYAPRABHA (20BEC4125), REVATHY SHREE ELA (20BEC4148), SABARNA K (20BEC4158)" who carried out projectwork under my supervision in the academic year 2022-2023.

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This Minor project-III report has been submitted for the 18ECP105L – Minor Project-III

Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023

PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this project report "SMART FLOOR CLEANER WITH OBSTACLE AVOIDANCE USING ULTRASONIC SENSOR" is the bonafide work of "NIKIL K N (20BEC4122), PRADEEP KUMAR P (20BEC4128), ROOBESH K S (20BEC4154), SANTHOSH KUMAR A (20BEC4165)" who carried out the project work under my supervision in the academic year 2022-2023.


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This Minor project-III report has been submitted for the **18ECP105L – Minor Project III**

Review held at M.Kumarasamy College of Engineering, Karur on 2022-2023 (O.P.D)




PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this **18ECP105L - Minor Project III Report** "COMPARITIVE Study of 6T and 8T SRAM Cell" is the bonafide work of "Nithyaashree J(20BEC4124), Rakshana A S(20BEC4144), Rithika R K (20BEC4152), Santhiya S(20BEC4163)" who carried out the project work under my supervision in the academic year 2022-2023.

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PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this project report "ADVANCED WIRELESS POWER TRANSMISSION SYSTEM" is the bonafide work of "NIRVIN CHANDAR R(20BEC4123), PRAVEEN A(20BEC4135),PRAVIN NIXON S (20BEC4141)"who carried out project work under my supervision in the academic year 2022-2023.

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This Minor project-III report has been submitted for the **18ECP105L-MinorProject-III**

Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023



PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this 18ECP105L-Minor Project III report "SMART BAG FOR WOMEN SAFETY" is the bonafide work of "PRADEEP (20BEC4129) PRASANNA KUMAR R (20BEC4132), PRASANTH P (20BEC4133), RAHUL B (20BEC4142)" who carried out project work under my supervision in the academic year 2022-2023.

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III Review held at M. Kumarasamy College of Engineering, Karur on 2022 - 2023 (odd)



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BONAFIDE CERTIFICATE

Certified that this project report "FABRICATION OF COBALT AND NICKEL CO-DOPPED ZINC OXIDE NPs FOR OPTOELECTRONIC APPLICATIONS" is the bonafide work of "RANJITHKUMAR(20BEC4146),RAMESH M(20BEC4145),PRADEEP P(20BEC4130),SATHISH M(20BEC4170)"who carried out the project work under my supervision in the academic year 2022 – 2023


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Review held at M. Kumarasamy College of Engineering,Karur on 2022-2023 (000)


PROJECT COORDINATOR



**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this project report "DESIGN OF REACTIVE IMPEDANCE SURFACE BASED WIDEBAND ANTENNA FOR 5G COMMUNICATION" is the bonafide work of "PRANAV KIRUTHIK K K (20BEC4131), PRAVEEN ANANDH P S (20BEC4136), SACHIN ARAVINTH K (20BEC4159), SASITH N (20BEC4169)" who carried out the project work under my supervision in the academic year 2022-2023.

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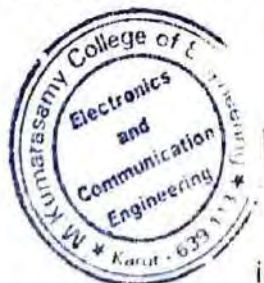
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PROJECT COORDINATOR

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KARUR**

BONAFIDE CERTIFICATE

Certified that this project report "SMART BLIND STICK" is the bonafide work of "PRAVEEN.N (20BEC4137),RITHIK.V.S (20BEC4151),ROHIT.M (20BEC4153), SABARI.M (20BEC4157)"who carried out projectwork under my supervision in the academic year 2022-2023.

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Review held at M. Kumarasamy College of Engineering, Karur on 2022 -2023 (odd)

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**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this project report “**DESIGN OF HIGH GAIN CIRCULARLY POLARIZED ANTENNA WITH LOW RETURN LOSS**” is the bonafide work of “**RITHICK R (20BEC4150), SANTHOSH M (20BEC4166), SANTHOSHKUMAR R P (20BEC4167), HALDO J (20BEC4303)**” who carried out the project work under my supervision in the academic year 2022-2023.


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PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report “WIRELESS ENERGY TRANSMISSION” is the bonafide work of “PRASSHANTH D (20BEC4134), RAJA K (20BEC4143), SABAREESH R (20BEC4156)” who carried out the project work under my supervision in the academic year 2022-2023.


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This Minor project-III report has been submitted for the **18ECP105L – Minor Project-III**

Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023




PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project report “SIGN LANGUAGE TO TEXT CONVERSION” is the bonafide work of “PRAVEEN P (20BEC4138), SARAN V (20BEC4168), SRISUNDHAR V B (20BEC4313)” who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project-III report has been submitted for the **18ECP105L – Minor Project-III**

Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023



PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND SIMULATION OF RF ANTENNA FOR UAV APPLICATION" is the bonafide work of "SHANMUGAPRIYA.K(20BEC4173), SHARMILI.S(20BEC4174), SRIMATHI.R (20BEC4184), VARSANA.J(20BEC4209)" who carried out project work under my supervision in the academic year 2022-2023.

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Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023



PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND SIMULATION OF MICROSTRIP PATCH ANTENNA FOR CANCER DETECTION" is the bonafide work of "SHREE SUBHA M(20BEC4175), SUJITHAA R(20BEC4190), THANYA K (20BEC4201)" who carried out the project work under my supervision in the academic year 2022-2023.

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project report "MEDICINE DELIVERY SYSTEM USING MYSQL" is the bonafidework of "Sindhuja B (20BEC4178), Sowmiya P (20BEC4181), Usha E (20BEC4205), Varsha N(20BEC4210)" who carried out projectwork under mysupervision in the academic year 2022-2023.


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Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023




PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project report “**DESIGN OF SMART FIRE PROTECTION MODULE**” is the bonafide work of “**SUBASHRI V (20BEC4186), SUBASRI B (20BEC4187), VAISHNAVEE M (20BEC4207)**” who carried out the project work under my supervision in the academic year 2022-2023.


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Review held at M.Kumarasamy College of Engineering, Karur on 2022-23.




PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project report "SMART STREET LIGHT SYSTEM" is the bonafide work of "SURESH KUMAR K R(20BEC4193), SURYA S (20BEC4194), VINEETH S (20BEC4219), TAMILSELVAN (20BEC4199)" who carried out project work under my supervision in the academic year 2022-2023.


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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project report "CELL PHONE DETECTOR" is the bonafide work of "SRIDHAR TR(20BEC4183), UTITHNARENTHAAR SJ (20BEC4206), VIGNESHWARAN S (20BEC4216), VINOCHKUMAR J (20BEC4221)" who carried out the project work under my supervision in the academic year 2022-2023.

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PROJECT COORDINATOR



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BONAFIDE CERTIFICATE

Certified that this project report “**Fruit Storage Monitoring System Using IOT**” is the bonafide work of “Suja S (20BEC4189), Sukul S (20BEC4192), Swetha L G (20BEC4197)” who carried out project work under my supervision in the academic year 2022-2023.


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PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "Disaster Prediction System" is the bonafide work of "Sowmiya K (20BEC4180), Suhashraj V (20BEC4195), Tarun S K (20BEC4200), Kavinadithya J S (20BEC4305)" who carried out projectwork under my supervision in the academic year 2022-2023.


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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project report "HONEY BEE DETECTION USING IMAGE PROCESSING" is the bonafide work of "THARSAN NISOK R (20BEC4202), VENKATESH I (20BEC4212), VIGNESH S (20BEC4214), SREE BALAN V (20BEC4312)" who carried out project work under my supervision in the academic year 2022-2023.


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Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023




PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project report "LIBRARY MANAGEMENT SYSTEM" is the bonafide work of "SUDHARSUN Y(20BEC4188), SUKEENDHAR G(20BEC4191), MOKITH K(20BEC4307), NAVEEN E(20BEC4308)-who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project-III report has been submitted for the 18ECP105L – Minor Project-III Review held at M.Kumarasamy College of Engineering, Karur on 2022 - 2023.



PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "IR BASED THEATRE PIRACY REDUCTION" is the bonafide work of "Sri Vishnu P (20BEC4185), Suvetha C (20BEC4196), Varshayini S (20BEC4211), Vignesh R(20BEC4213)" who carried out project work under my supervision in the academic year 2022-2023.


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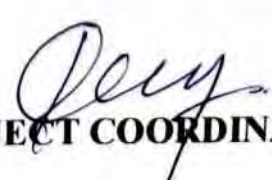
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This Minor project-III report has been submitted for the 18ECP105L – Minor Project-III review held at M. Kumarasamy College of Engineering, Karur on 2022-2023




PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING KARUR

BONAFIDE CERTIFICATE

Certified that this Project report "WATER QUALITY CONTROL MONITORING SYSTEM" is the bonafide work of "SATHISHKUMAR K(20BEC4171), SELVAKUMAR R(20BEC4172), SRIDHAR T(20BEC4182), VIGNESHWARAN S(20BEC4215)" who carried out the project work under my supervision in the academic year 2022-2023.

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Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023 .



Reay
PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this project report "Forge Signature Detection" is the bonafide work of "Tharun S (20BEC4203), Varnika S (20BEC4208), Vijayaragavan T (20BEC4217), Vishwa S (20BEC4222)" who carried out project work under my supervision in the academic year 2022-2023.


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This Minor project-III report has been submitted for the **18ECP105L – Minor Project-III**

Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023




PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "Design Of Waste Paper Detection" is the bonafide work of "Shrudi SK (20BEC4176), Sobika B (20BEC4179), Vinitha A (20BEC4220), Yuvaranjani J (20BEC4223)" who carried out project work under my supervision in the academic year 2022-2023.


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This Minor project-III report has been submitted for the 18ECP105L – Minor Project-III Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023




PROJECT COORDINATOR



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CBR No.	Reference Number / Application Type	Application Number	Title/Remarks	Amount Paid
47625	ORDINARY APPLICATION	202241067828	DRONE BASED WASTE DISPOSAL SYSTEM	1750
	E-101/19969/2022-CHE	202241067828	Correspondence	0
	E-2/4955/2022-CHE	202241067828	Form2	0
	E-3/36658/2022-CHE	202241067828	Form3	0
	E-5/4809/2022-CHE	202241067828	Form5	0
	E-106/7081/2022-CHE	202241067828	Form28	0
	E-101/19970/2022-CHE	202241067828	Others(EDUCATIONAL INSTITUTION ELIGIBILITY DOCUMENT)	0
				1750

and a sum of Rs. 1750 (Rupees One Thousand Seven Hundred & Fifty only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
	AXIS BANK LTD	102986	21/10/2022	1750

This is electronically generated receipt hence no signature required.

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN OF INTRUDER OBJECT DETECTION USING R-CNN ALGORITHM" is the bonafide work of "THINESH KUMAR G (20BEC4204), VIKRAM R N (20BEC4218), SRIVARSHAN S (20BEC4314)" who carried out project work under my supervision in the academic year 2022-2023.


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Review held at M. Kumarasamy College of Engineering, Karur on 2022-2023




PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "AUTOMATIC TICKET DISTRIBUTER" is the bonafide work of "GUHANRAJ.R.K (927621BEC056), HARIKUMARESAN.S(927621BEC060), JAISURYA.S(927621BEC065), MAHENDRAN(927621BEC306)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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25. 4. 23


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this **18ECP104L - Minor Project II** report "**LIVE PEOPLE COUNTER**" is the bonafide work of "**ARUN KUMAR D(927621BEC014), GOWTHAMVEL P(927621BEC054), HARIPRASAATH S(927621BEC058), KIRAN KUMAR S(927621BEC304)** who carried out the project work under my supervision in the academic year **2022-2023 - EVEN**.

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Review held at M. Kumarasamy College of Engineering, Karur on **Final Review Date**

25.04.2023


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP104L-Minor Project II report "SMART WALKING SHOES FOR BLIND USING ULTRASONIC SENSOR AND ARDUINO NANO" is the bonafide work of ATHIL ABDUL RAHIM M(927621BEC016), BALAJI P(927621BEC023), BHAGAVATHI R(927621BEC024), DHANUSH S (927621BEC033) who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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This Minor project-II report has been submitted for the 18ECP104L – Minor Project-II

Review held at M. Kumarasamy College of Engineering, Karur on 25.4.23


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this 18ECP103L-Minor Project II report "TEMPERATURE AND HUMIDITY MONITORING USING NODE MCU" is the bonafide work of "BALADEVA K (9276221BEC019), BHALARAM KRISHNA S A (9276221BEC025), DHILIP KUMAR R (9276221BEC046), HARRISH SUNDAR A (9276221BEC062) who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this Certified that this 18ECP104L-Minor Project II report "IR BASED IRRIGATION SYSTEM" is the bonafide work of "BHARATH B (927621BEC026), DHANUSHA R (927621BEC034), DHIYANESH S (927621BEC048), GANISKA S (927621BEC052) who carried out the project work under my supervision in the academic year 2022-2023.

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This project report has been submitted for the 18ECP103L-Minor project II Viva voice Examination held at M. Kumarasamy College of Engineering, Karur on 25.04.2023


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "IOT BASED WEATHER MONITORING SYSTEM USING ARDUINO-UNO" is the bonafide work of "BABU PRASANTH S (927621BEC018), BALAJI G (927621BEC020), HARIHARAN M (927621BEC059)" who carried out the projectwork under my supervision in the academic year 2022-2023 EVEN.

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Dr. R. KALAIARASAN M.E.,Ph.D.,

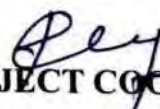
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This Minor project-II report has been submitted for the 18ECP104L – MinorProject-II

Review held at M. Kumarasamy College of Engineering, Karur on 25.4.23


PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this **18ECP104L - Minor Project II** report “**ARDUINO BASED WEATHER STATION**” is the bonafide work of “**ASMATH Z (927621BEC015), DHARSHINI N (927621BEC042), DHARSHINIPRIYA R (927621BEC044), INDHUJA V (927621BEC064)**” who carried out the projectwork under my supervision in the academic year **2022-2023 EVEN**.

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This Minor project-II report has been submitted for the **18ECP104L – MinorProject-II**

Review held at M. Kumarasamy College of Engineering, Karur on

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BONAFIDE CERTIFICATE

Certified that this 18ECP103/104L - Minor Project II report "TEMPERATURE BASED FAN SPEED CONTROL USING ARDUINO" is the bonafide work of "AARTHY A (929621BEC002) , ABINAYASRI N (927621BEC004) , ELAKKIYAA B (927621BEC051) , HARINI S (927621BEC061)" who carried out the project work under my supervision in the academic year 2022-2023 -EVEN.

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PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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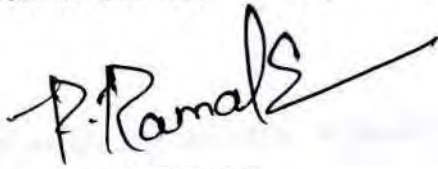
BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "EARTHQUAKE DETECTION WITH DATASET USING ML CONCEPT" is the bonafide work of "ANUSHA L(927621BEC012), BRINDHA R(927621BEC027), DHARANIKA C(927621BEC038), DHARSHANA M(927621BEC041)" who carried out the project work under my supervision in the academic year 2022 -2023-EVEN .

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Review held at M. Kumarasamy College of Engineering, Karur on 25-04:2023 ,


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Certified that this **18ECP104L – Minor Project II** report “**FINGERPRINT DOOR LOCK SYSTEM**” is the bonafide work of “**DINESH S (927621BEC049), DEVADHARSHAN P(927621BEC030), DHARANESH V L (927621BEC036), DHIVAKAR P(927621BEC047)** who carried out the project work under my supervision in the academic year **2022-2023 - EVEN**.

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This Minor project-II report has been submitted for the **18ECP104L – Minor Project-II**

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BONAFIDE CERTIFICATE

Certified that this **18ECP104L - Minor Project II** report "**MACHINE LEARNING BASED VEHICLE PERFORMANCE ANALYSER**" is the bonafide work of **AAKASH T (927621BEC001), DHARANESWARA V (927621BEC037), DHARNETHARAN V (927621BEC039)** who carried out the project work under my supervision in the academic year **2022-2023 - EVEN**.

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Review held at M. Kumarasamy College of Engineering, Karur on **Final Review**

25.04.2023

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "DESIGN AND IMPLEMENTATION OF AN AUTOMATIC CHANGE OVER SWITCH FOR INDUSTRIAL APPLICATION" is the bonafide work of "ABINAYA T (927621BEC005), DEEPIKA M (927621BEC029), DHANUSRI R P (927621BEC035), DHARSHINI T (927621BEC043) " who carried out the project work under my supervision in the academic year 2022-2023 EVEN.

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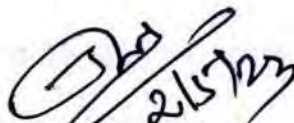
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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "BLUETOOTH BASED WIRELESS NOTICE BOARD" is the bonafide work of "AISHWARYA R (927621BEC008), ARSHIDHA U (927621BEC013), HAASNIE S (927621BEC057), HARSELA S (927621BEC063)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.


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Review held at M. Kumarasamy College of Engineering, Karur on 25.04.2023


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Certified that this 18ECP104L - Minor Project II report "GSM BASED SUBSTATION MONITORING SYSTEM" is the bonafide work of "ABINATH.K (927621BEC003), AJAY RAHUL.R (927621BEC010), DHARSHAN.P.S (927621BEC040)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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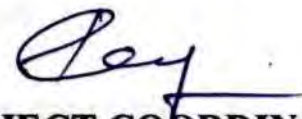
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This Minor project-II report has been submitted for the 18ECP104L – Minor Project-II

Review held at M. Kumarasamy College of Engineering, Karur on 25.4.2023.



PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this **18ECP104L - Minor Project II** report "**OBSTACLE AVOIDING CAR**" the bonafied work of "**DINESH.V (927621BEC050),GOWSIK (927621BEC053), KIRTHIKKUMAR.S (927621BEC305), AJAYRAGHAV.R (927621BEC009)** who carried out the project work under my supervision in the academic year **2022-2023 EVEN.**

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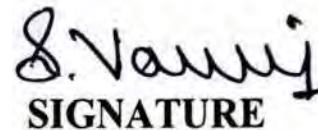
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This Minor project-II report has been submitted for the **18ECP104L – Minor Project -II**

Review held at M. Kumarasamy College of Engineering, Karur on 25/4/23.



PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this **18ECP104L – Minor Project II** report “**AUTOMATIC ATTENDANCE REGISTER SYSTEM**” is the bonafide work of “**GUHAN A (927621BEC055), ABINESH R(927621BEC006), BALAJI M(927621BEC021), ABISHEK M(927621BEC007)**” who carried out the project work under my supervision in the academic year **2022-2023 - EVEN**.

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This Minor project-II report has been submitted for the **18ECP104L – Minor Project-II**

Review held at M. Kumarasamy College of Engineering, Karur on 25.04.2023.


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report **DESIGN OF MICROSCRIPT PATCH ANTENNA USING HFSS SOFTWARE** is the bonafide work of "AKASH R(927621BEC011), CHANDRU J(927621BEC028), MUKILAN K(927621BEC308)" who carried out the project work under my supervision in the academic year **2022-2023 EVEN**.

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This Minor project-II report has been submitted for the 18ECP104L – Minor Project-II

Review held at M. Kumarasamy College of Engineering, Karur on 25.04.2023


PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report on "RECTANGULAR MICROSTRIP PATCH ANTENNA USING HFSS" is the bonafide work of "KEERTHANA S P (927621BEC084), LAKSHANA K (927621BEC099), MADHUSRI J (927621BEC109), RANJANA PRIYA R (927621BEC310)" Who carried out the project work under my supervision in the academic year 2022 -2023 EVEN SEMESTER.

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Review held at M.Kumarasamy College of Engineering, Karur on

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "REMOTE CONTROLLER" is the bonafide work of "MAHENDRAVARMAN R.S (927621BEC111), MOHANPRASATH S (927621BEC125), MALLESH S (927621BEC112), KUMAR N (927621BEC098), SANTHOSH P(927621BEC311) who carried out the project work under my supervision in the academic year 2022-2023 – EVEN SEMESTER .

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This Minor project-II report has been submitted for the 18ECP104L – Minor Project-II

Review held at M. Kumarasamy College of Engineering, Karur on 28/4/23



PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "DESIGN OF LOW POWER 1-BIT FULL ADDER" is the bonafide work of "KEERTHANA.S (927621BEC083), LISHA.B (927621BEC103), MEENA.S (927621BEC119)" who carried out the project work under my supervision in the academic year 2022-2023-EVEN SEMESTER.

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This Minor project-II report has been submitted for the 18ECP104L – Minor Project-II
Review held at M. Kumarasamy College of Engineering, Karur on 25/4/23


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this **18ECP104L - Minor Project II** report “ **HUMAN FOLLOWING ROBOT** ” is the bonafide work of “ **MANOJ R (927621BEC116), MANIKANDAN S (927621BEC113), JEEVA G (927621BEC069), MANIKANDAN SG (927621BEC307)** who carried out the project work under my supervision in the academic year **2022-2023 - EVEN SEMESTER.**

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Review held at M. Kumarasamy College of Engineering, Karur on 25/4/23

PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L -Minor Project II report "WEBPAGE DEVELOPMENT ON HALL BOOKING SYSTEM" in the bonafide work of "JANANI K(927621BEC066),JANAPRIYA R(927621BEC067), JAYARISHA V(927621BEC068),KARNIKASHREE C(927621BEC071)" Who carried out the project work under my supervision in the academic year 2022-2023-EVEN SEMESTER.

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PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this project report "VOICE AUTOMATION CAR "is the bonafide work of "MATHAVAN T (927621BEC118), KISHOR T (927621BEC093), MANOJ S (927621BEC117), KAVIN S (927621BEC079)", who carried out the project work under my supervision in the academic year 2022-2023- Even semester.

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This project report has been submitted for the **18ECP104L - Minor Project II** viva voce Examination held at M. Kumarasamy College of Engineering, Karur on 25/4/23.....


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "HUMAN BODY POSTURE ANALYZER" is the bonafide work of "R.KEERTHIKA (927621BEC086), D.KRITHIGA (927621BEC097), K.LAVANYA (927621BEC101), M.MANJULA (927621BEC114)" who carried out the project work under my supervision in the academic year 2022 - 2023- EVEN SEMESTER.

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This Minor project-II report has been submitted for the 18ECP104L - Minor Project-II Review held at M. Kumarasamy College of Engineering, Karur on 25/4/23



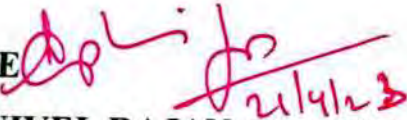
PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "Design and analysis of single band monopole antenna For WLAN applications" is the bonafide work of "JEGATHEESWARAN.K (927621BEC070), KARTHICK.C (927621BEC072), KARTHIKRAJA.M(927621BEC076), KISHORE.R (927621BEC096) who carried out the project work under my supervision in the academic year 2022- 2023 EVEN SEMESTER.

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This Minor project-II report has been submitted for the 18ECP104L – Minor Project II

Review held at M. Kumarasamy College of Engineering, Karur on 25/4/23.



PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report “DESIGN OF TRIBAND ANTENNA FOR UWB APPLICATION” is the bonafide work of “KEERTHANA.D (927621BEC082), KIRUTHIGA.M (927621BEC090), LAKSHITHA.S.M (927621BEC100)” who carried out the project work under my supervision in the academic year 2022-2023.

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This Minor project-II report has been submitted for the 18ECP104L – Minor Project-II

Review held at M.Kumarasamy College of Engineering, Karur on 25/4/23.

PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this **18ECP104L - Minor Project II** report “**VEHICLE STATER USING ARDUINO UNO** ” is the bonafide work of “**KARVENDAN.P (927621BEC077), KISHORE.K (927621BEC095), KISHORE.K (927621BEC094) , MOHAN KUMAR.R (927621BEC124)** who carried out the project work under my supervision in the academic year **2022-2023 - EVEN.**

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This Minor project-II report has been submitted for the **18ECP104L – Minor Project-II**

Review held at M. Kumarasamy College of Engineering, Karur on

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PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this **18ECP104L - Minor Project II** report "DESIGN AND SIMULATION OF RF ANTENNA FOR UAV APPLICATION" is the bonafide work of "KESAVI.R (927621BEC087), KIRUTHIKA.V.R (927621BEC091), MONIKA.G (927621BEC127)" who carried out the project work under my supervision in the academic year 2022-2023 EVEN Semester.

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report " PCB DESIGN OF SINGLE BOARD STEREO AMPLIFIER "is the bonafide work of "LITESH.M (927621BEC104), MADHIARASU.R.S (927621BEC106), MOHAN.B (9276221BEC122), MOHANAPRASATH.B.V (927621BEC123) who carried out the project work under my supervision in the academic year 2022-2023 / EVEN Semester.

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this **18ECP104L -Minor Project II** report “**DESIGN OF SMALL AUDIO BUG DEVICES**” is the bonafide work of “**MIDHUN. R(927621BEC120), KAVINESH. A. S(927621BEC081), BALAKUMAR. A(927621BEC302), MOHAMED ANAS. S(927621BEC121)**” who carried out the project work under my supervision in the academic year **2022 – 2023 – EVEN.**

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this **18ECP104L - Minor Project II** report “ **BLUETOOTH CONTROLLED DATA LOGGER ROBOT FOR SOIL TESTING** ” is the bonafide work of “**MUTHULAKSHMI M (927621BEC130), MONISHA A (927621BEC129) , NANDHINI G (927621BEC131) , NAVANEETHA S (927621BEC134)** ” who carried out the project work under my supervision in the academic year **2022-2023 – EVEN.**

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this project 18ECP104L – Minor Project II report “TRIPLE-BAND MIMO ANTENNA FOR 5G MOBILE APPLICATION” is the bonafide work of “NAVEENA.K (927621BEC136), PADMAVATHI.S (927621BEC141), PAVIPRAVEENA.G (927621BEC142), PAVITHRA.G (927621BEC143)” who carried out project work under my supervision in the academic year 2022-2023 - EVEN.

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Certified that this 18ECP104L - Minor Project II report "WEATHER FORECASTING USING PYTHON" is the bonafide work of "PAVITHRA. T (927621BEC144), POOJA SHREE. M (927621BEC146), POORVAJA . V.S (927621BEC147), PRAVEENA. M (927621BEC152)" who carried out the project work under my supervision in the academic year 2022-2023 Even.

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BONAFIDE CERTIFICATE

Certified that this project 18ECP104L – Minor Project II report “PROPAGATION AND NETWORK ANALYSIS FOR A DIPOLE BASED MASSIVE MIMO ANTENNA FOR 5G BASE STATION” is the bonafide work of “RAGAVI.S (927621BEC159), REENA.S (927621BEC164), SARANYA.S (927621BEC186)” who carried out project work under my supervision in the academic year 2022-2023 - EVEN.

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Certified that this 18ECP104L-Minor Project II report "VLSI IMPLEMENTATION OF TURBO CODE FOR LTE USING VERILOG HDL" is the bonafide work of "R. PRIYADHARSHINI (927621BEC154), V. PRIYADHARSHINI (927621BEC155), V. PRITHIGA (927621BEC153), K. RENUGA (927621BEC165)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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This Minor project-II report has been submitted for the 18ECP104L – Minor Project-II
Review held at M. Kumarasamy College of Engineering, Karur on 25/04/23.

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this **18ECP104L - Minor Project II** report “**MICROCONTROLLER BASED ANESTHESIA INJECTOR**” is the bonafide work of “**PRUTHIGA. MS (927621BEC157), PUVITHA SRI.N (927621BEC158) SASIREKHA.T(927621BEC189), SATHIYADHARSHINI.B (927621BEC190)**” who carried out the project work under my supervision in the academic year **2022-2023 – EVEN.**

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Review held at M. Kumarasamy College of Engineering, Karur on 25-04-2023.



PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "DETECTION OF BREATH COUNT USING BIOSENSOR" is the bonafide work of "T.RATHIPRIYA (927621BEC162), B.RUBAA (927621BEC167), S.SANCHANA SRI (927621BEC170), M.SANGAVI (927621BEC172) who carried out the project work under my supervision in the academic year 2022 – 2023-EVEN.

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PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP104L–Minor project II report “DESIGN AND IMPLEMENTATION OF ULTRASONIC RADAR” is the bonafide work of " S.NIKESH (927621BEC137), B.MONISH (927621BEC128), S.SANTHAKUMAR (927621BEC181), S.SARAN(927621BEC183)” who carried out project work under my supervision in the academic year 2022-2023 - EVEN.


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PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "DRIVER ANTI SLEEP DEVICE USING PROTEUS" is the bonafide work of "SANJAI K (927621BEC177), SARANKUMAR K(927621BEC185), SARVESH M D(927621BEC188)" who carried out the project work under my supervision in the academic year 2022-2023 -EVEN.


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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "DESIGN AND DEVELOPMENT OF METAMATERIAL BASED SUPERSTRATE ANTENNA FOR WLAN APPLICATION" is the bonafide work of "PRADEEP V (927621BEC148), SANJAI B (927621BEC175), NATHAN S (927621BEC132), SANJAI S (927621BEC179)" who carried out the project work under my supervision in the academic year 2022 - 2023 (EVEN).

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report “Reconfigurable Intelligent Surface Assisted 5G Communication” is the bonafide work of “SANJAI.B (927621BEC176), SARAN.S(927621BEC184), SANTOSH KUMAR.S (927621BEC182) SANGEETH KUMAR (927621BEC173) who carried out the project work under my supervision in the academic year 2022-2023 EVEN.

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M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this project 18ECP104L- Minor Project II report “**DESIGN AND SIMULATION OF FSS ANTENNA USING HFSS**” is the bonafide work of “**G.NITHESKUMAR (927621BEC139), T.RAVIKUMAR (927621BEC163), N.ROSHAN (927621BEC166), V.SANGEETH (927621BEC174)**” who carried out project work under my supervision in the academic year **2022-2023-EVEN**.


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Review held at M. Kumarasamy College of Engineering, Karur on 25/04/2023


PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this **18ECP104L - Minor Project II** report **DESIGN OF DIGITAL FILTERS AT 60 GHz** is the bonafide work of “ **NITHISHKUMAR C (927621BEC140), PRASANTH G (927621BEC149), SANJAI P (927621BEC178), SARAVANAN M (927621BEC187)** who carried out the project work under my supervision in the academic year **2022-2023- EVEN**.

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Project II Review held at M. Kumarasamy College of Engineering, Karur on 25.04.2023


PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "ALCOHOL SENSING ENGINE LOCK WITH GPS" is the bonafide work of "PRAVEEN S (927621BEC151), PAVITHRAN A V (927621BEC145), PRIYAKANTH K (927621BEC156), SABARI J (927621BEC168)" who carried out the project work under my supervision in the academic year 2022-2023 -EVEN.


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PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "HEARTBEAT SENSOR USING ARDUINO" is the bonafide work of "NISHANTH G (927621BEC138), RAGULADHITIYA S (927621BEC160), RAKESH C (927621BEC161), and SACHIN R S (927621BEC169)" who carried out the project work under my supervision in the academic year 2022-2023 -EVEN.

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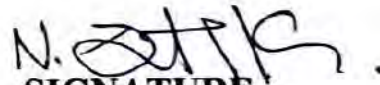
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PROJECT COORDINATOR

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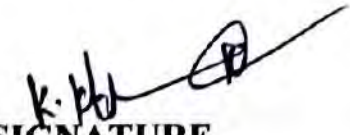
BONAFIDE CERTIFICATE

Certified that this 18ECP104L – Minor project II report “RF BASED REMOTE CONTROL FOR HOME APPLIANCES” is the bonafide work of “ B.NATHISH (927621BEC133), S.NAVEEN KUMAR (927621BEC135), R.SANJAYKUMAR (927621BEC180)” who carried out project work under my supervision in the academic year 2022-2023 – EVEN.

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PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this **18ECP104L - Minor Project II** report “**FOOD QUALITY MOINTORING BY USING ARDUINO**” is the bonafide work of “**PRASANTH V (927621BEC150), SANDHEEP S (927621BEC171), SATHIYAMOORTHI C (927621BEC191), PRAKASH KUMAR (927621BEC309)**” who carried out the project work under my supervision in the academic year 2022-2023 -EVEN.

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "DESIGN OF RECONFIGURABLE ANTENNA FOR 5G APPLICATIONS" is the bonafide work of "SHARATH C (927621BEC196), VISHWA S (927621BEC243), YOGESHWARAN S (927621BEC246), YUVANSANKARRAJA S (927621BEC250)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "High Performance Terahertz Antenna Design using Gold Patch for Wireless Body Area Networks" is the bonafide work of "SHANJAY RK(927621BEC195), VASHANTH SP(927621BEC235), YUVAN SANKAR RAJA S (927621BEC249), YUVARAJ S (927621BEC251)" who carried out the project work under my supervision in the academic year 2022-2023-EVEN

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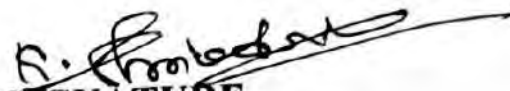
Certified that this project report "TWO PORT CIRCULARLY POLARIZED MIMO ANTENNA DESIGN AND INVESTIGATION FOR 5G COMMUNICATION SYSTEMS" is the bonafide work of "P.VENKAT RAMAN(927621BEC238),S.SUBASH(927621BEC215),M.SRIVELAN(927621BEC209),T.S.ARSATH FARVES(927621BEC301)" who carried out the project work under my supervision in the academic year 2022-2023 EVEN.

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PROJECT COORDINATOR

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Certified that this project report “Wireless Cell Phone Detection System” is the Bonafide work of “DHANAJA R (927621BEC032), SREVARSHINE S (927621BEC208), THANUSHYA RPR (927621BEC227), THARUNIGA AM (927621BEC228)” who carried out projectwork under my supervision in the academic year 2022-2023.EVEN

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BONAFIDE CERTIFICATE

Certified that this **18ECP104L - Minor Project II** report "**TSUNAMI ALERT AND DETECTION**" is the bonafide work of "**VIDHYA SHREE S (927621BEC239), SIVAPRIYA S (927621BEC200), VINOETHA P (927621BEC241), SHOBIKA S(927621BEC198)**" who carried out the project work under my supervision in the academic year **2022-2023 - EVEN**.

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Certified that this **18ECP104L - Minor Project II** report "**SMART TRAFFIC SYSTEM FOR EMERGENCY VEHICLES**" is the bonafide work of "**VASANTH P (927621BEC234), VISHAL G (927621BEC242), SIBI V B (927621BEC199), YUVA SARAVANAN S (927621BEC248)**" who carried out the project work under my supervision in the academic year **202²1-202³1** - EVEN.

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L-MinorProject II report "ELECTRICITY ENERGY METER USING IOT" is the bonafide work of "YUVA SHREE R (21BEC252),SRUTHIKAA KV (21BEC212),SUGANYA DEVI S (21BEC220), SOWMIGA B(21BEC207) who carried out the project work under my supervision in the academic year 2022-2023 EVEN.

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PROJECT COORDINATOR

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Certified that this 18ECP104L-Minor Project II report "DESIGN OF SQUARE SHAPED DUAL BAND OPERATING ANTENNA FOR UWB AND X - COMMUNICATION" is the bonafide work of M.SUBASHIN(927621BEC216), B. YUVAPRABHA (927621BEC247), P.B. SWATHIKA (927621BEC225), K. VAISHALI (927621BEC232)" who carried out the projectwork under my supervision in the academic year 2022-2023 EVEN.


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Certified that this **18ECP104L-Minor Project II** project report "**WIRELESS CHARGER**" is the bonafide work of "SNEHA R (927621EC202) SUJITHA V (927621BEC222) SUNMATHI S (927621BEC223) YAKSHINI M (927621BEC244)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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This Minor project-II report has been submitted for the **18ECP104L – Minor Project-II** Review held at M.Kumarasamy College of Engineering, Karur on

05/04/2023.


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "WIRELESS CONTROLLED DISTRIBUTION TRANSFORMER LOAD MANAGEMENT SYSTEM" is the bonafide work of "SUBASREE S(927621BEC217), SATHYA P (927621BEC192), THIRISHA G(927621BEC230), SOBIYA T(927621BEC205)" who carried out the project work under my supervision in the academic year 2022-2023 -EVEN.

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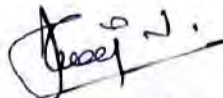
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Certified that this 18ECP104L-Minor project- II report "VOICE CONTROLLED CAR USING ARDUINO UNO FOR BLIND PERSONS" is the bonafide work of "BALAJI N (21BEC022), SETHUPRIAN V M(21BEC193),SRIHARI M (21BEC211),THARUN KUMAR R B (21BEC229)" who carried out the project work under my supervision in the academic year 2021-2025 EVEN.

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Certified that this **18ECP104L - Minor Project II** report "**ACCIDENT DETECTION AND NOTIFICATION USING GPS**" is the bonafide work of "**SRIDHAR R C (927621BEC210), SUBASH K (927621BEC218), SUDHARSUN S (927621BEC219), SUJIT M (927621BEC221)**" who carried out the projectwork under my supervision in the academic year **2022-2023 - EVEN**.

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L-Minor Project II report "SYSTEM ON CHIP DESIGN OF SIGNAL PROCESSING UNIT FOR WEARABLE DEVICES" is the bonafide work of "S.SUBASH (927621BEC214), TEJNITHISH S (927621BEC226), THIRUPUKAL G (927621BEC231), , SURYA S (927621BEC313) "who carried out the project work under my supervision in the academic year 2022-2023 EVEN.

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L-Minor Project II report "SMART AIR MONITORING SYSTEM" is the bonafide work of " P.SUBASH (927621BEC213), SIVARAMAKRISHNAN.M (927621BEC201), YASAR.S (927621BEC245), VIGNESHWARAN.S (927621BEC240)"who carried out the project work under my supervision in the academic year 2022-2023 EVEN.

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP104L - Minor Project II report "LOW POWER APPROXIMATE MULTIPLIER USING COMPRESSOR" is the bonafide work of "VAISRI S (927621BEC233), VASUKI M (927621BEC236), SHARMILA S(927621BEC197), SURIYA N(927621BEC224) who carried out the project work under my supervision in the academic year 2022-2023-EVEN

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Certified that this **18ECP104L - Minor Project II** report “**TRAFFIC LIGHT CONTROL SYSTEM**” is the bonafide work of “**R.Sneha(927621BEC204), S.Shalini(927621BEC194),P.Vasunthra(927621BEC237),R.Sneha(927621BEC203)**” who carried out the project work under my supervision in the academic year **2022-2023-EVEN**.

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BONAFIDE CERTIFICATE

Certified that this **18ECP106L - Minor Project IV** report “ **DESIGN OF HIGH GAIN CIRCULARLY POLARISED ANTENNA WITH LOW RETURN LOSS**” is the bonafide work of “ **AHAMED MUSTHAFA M (20BEC4004), ARULMOZHI B (20BEC4009), BOOPATHY L (20BEC4025), DEEPANRAJ P (20BEC4028)** ” who carried out the project work under my supervision in the academic year **2022-2023 – EVEN .**

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Certified that this **18ECP106L - Minor Project IV** report "**GAS DETECTOR FOR COAL MINING**" is the bonafide work of "**BALA SURYA B (20BEC4018) DHAYANETHI V (20BEC4035) GOWTHAM G (20BEC4048) GUNANITHI R (20BEC4051)**" who carried out the project work under my supervision in the academic year **2022-2023 – EVEN SEMESTER**.

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Certified that this 18ECP106L - Minor Project IV report "AUTOMOBILE SPEED LIMITER" is the bonafide work of "AMIRTHISVARAN R (20BEC4006), ATHISH K B (20BEC4014), DHANUSHKUMAR S (20BEC4031), GOWTHAM R (20BEC4046)" who carried out the project work under my supervision in the academic year 2022-2023- EVEN SEMESTER.


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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this **18ECP106L - Minor Project IV** report "AUTO VISITORS COUNTER WITH LIGHT CONTROLLER USING ARDUINO" is the bonafide work of "ABIRAJA B (20BEC4002), ASHWIN S (20BEC4012), BHUVANESH R (20BEC4022), BOOPATHI A (20BEC4024)" who carried out the project work under my supervision in the academic year 2022-2023 - **EVEN**.

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Review held at M.Kumarasamy College of Engineering, Karur on 25 - 04 - 2023




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Certified that this **18ECP106L-Minor Project IV** report "**PIEZOELECTRIC WHEEL**" is the bonafide work of "**ARUN KUMAR N(20BEC4011), BALAJI P(20BEC4016), GOKUL SC(20BEC4042), GOWSHIK N (20BEC4046),**" who carried out the project work under my supervision in the academic year **2022-2023 – EVEN SEMESTER.**

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Certified that this 18ECP106L - Minor Project IV report "AUTOMATED INTRAVENOUS DRIP MONITORING SMART HEALTHCARE SYSTEM" is the bonafide work of AKHILAN K R (20BEC4005), GOKUL P (20BEC4041), GOPINATH N (20BEC4043), HARISH S (20BEC4055) who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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Review held at M. Kumarasamy College of Engineering, Karur on 25-04-2023.



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Certified that this **18ECP106L - Minor Project IV** report “**RFID BASED PETROL PUMP AUTOMATION SYSTEM**” is the bonafide work of “**Balasanjeev K V (20BEC4017), Dhivagar P(20BEC4036), Gangadharan R (20BEC4039), Geethan B (20BEC4040)**” who carried out the project work under my supervision in the academic year **2022-2023 – EVEN**.

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Certified that this 18ECP106L - Minor Project IV report "REAL TIME FACE ACCURACY SCANNER" is the bonafide work of "ELANCHEZIAN K S (20BEC4038), HARIHARAN T (20BEC4052), HARISH M (20BEC4054), DEEPAN S A (20BEC4302) " who carried out the project work under my supervision in the academic year 2022-2023.

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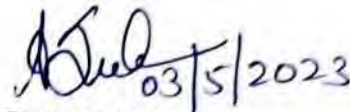
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Certified that this **18ECP106L - Minor Project IV** report "**IoT BASED ANTENNA POSITIONING**" is the bonafide work of "**CHANDIKA N(20BEC4023), HARINI S(20BEC4053), KAVIYAVARDHINI S(20BEC4306)**" who carried out the project work under my supervision in the academic year **2022-2023 - EVEN**

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Certified that this **18ECP105/106L - Minor Project IV** report "**LOW POWER MULTIPLIER DESIGN**" is the Bonafede work of "**DHARSHINI R(20BEC4033), ELAKKIYA K V(20BEC4037), GOWRI R(20BEC4044), GOWSIKADEVI M (20BEC4047)**" who carried out the project work under my supervision in the academic year **2022-2023 - EVEN**.

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Certified that this **18ECP106L - Minor Project IV** report “**AN EFFICIENT LOW POWER CMOS IMPLEMENTATION OF THE SRAM CELL**” is the bonafide work of “**AARTHI P(20BEC4001), BHARATHI G(20BEC4020), HARSHINI M(20BEC4056)**” who carried out the project work under my supervision in the academic year **2022-2023-EVEN**.

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Certified that this 18ECP106L - Minor Project IV report "SECURED WIRELESS COMMUNICATION USING CRYPTOGRAPHY" is the bonafide work of "DEEPIKA B (20BEC4029), BOOMA R (20BEC4023), ARTHI S (20BEC4008)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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Certified that this 18ECP106L – Minor Project IV report
“GESTURE CONTROLLED BLUETOOTH SPEAKER” is bonafied work
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This Minor project-IV report has been submitted for the 18ECP106L- Minor Project-
IV Review held at M. Kumarasamy College of Engineering, Karur on 25-04-2023

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this **18ECP106L - Minor Project IV** report "**RFID BASED ATTENDANCE SYSTEM USING ARDUINO WITH DATA LOGGER**" is the bonafide work of "**ABISHEKP(20BEC4003) DHARANIKUMAR K(20BEC4032) GOWRI SANKAR G S(20BEC4045) GOWTHAM S(20BEC4050)**" who carried out the project work under my supervision in the academic year **2022-2023-EVEN**.

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This Minor project- IV report has been submitted for the **18ECP106L – Minor Project-IV**

Review held at M. Kumarasamy College of Engineering, Karur on 25.04.2023


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this **18ECP106L-Minor Project IV** report "**RAILWAY COMPARTMENT SAFETY SYSTEM USING RF**" is the bonafide work of "**DHARUN M (20BEC4034), RAGUNATH K (20BEC4310), CIBI C (20BEC4027)**" who carried out the project work under my supervision in the academic year 2022-2023


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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "CALL DETECTOR CIRCUIT USING PCB" is the bonafide work of "ASWATH S (20BEC4013), BALAJI J (20BEC4015),BHARATH K (20BEC4019) who carried out the project work under my supervision in the academic year 2022-2023 EVEN.

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "HEART BEAT SENSOR USING ARDUINO" is the bonafide work of "MEHA R (20BEC4102), MADHUPRIYA R(20BEC4098), KALAIVANI P(20BEC4067), INDDIRA A(20BEC4057) who carried out the project work under my supervision in the academic year 2023-2023 EVEN.

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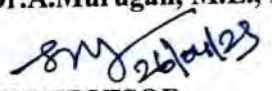
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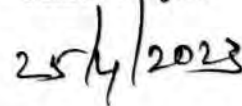
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PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "SCOTOPIC VISION SECURITY CAMERA" is the bonafide work of "JAGADEESHAN V (20BEC4058), JASWANT V(20BEC4062), MAGESHWARAN S P(20BEC4099), MOHAN RAM S(20BEC4105) who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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This Minor project-IV report has been submitted for the 18ECP106L – Minor Project-IV

Review held at M. Kumarasamy College of Engineering, Karur on 25/4/23


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this **18ECP106L - Minor Project IV** report “**SMART LOCKING SYSTEM**” is the bonfide work of **KAVIN S (20BEC4071), KAWASKAR R (20BEC4076), KRISHNARAJ D (20BEC4084), LOGARAJ K M S (20BEC4092)** who carried out the project work under my supervision in the academic year **2022-2023-EVEN**.

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Review held at M. Kumarasamy College of Engineering, Karur on 25/4/2023.


PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "5G ANTENNA DESIGN" is the bonafide work of "LOHESHKUMAR S (20BEC4096), MUTHUPRAKASH A (20BEC4109), NAGARAJ E (20BEC4111)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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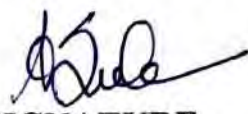
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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this **18ECP106L** - Minor Project IV report "**SMART SOLAR GRASS CUTTER**" is the bonafide work of "**MOWRIEAN K (20BEC4108), MADHAVAN A (20BEC4097), MOHAMAD MUSTHAKKIM J (20BEC4103), LOGESHWARAN B (20BEC4093)**" who carried out the project work under my supervision in the academic year 2022-2023.

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Review held at M.Kumarasamy College of Engineering, Karur on 26/4/2023


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this **18ECP106L - Minor Project IV** report "**IoT BASED THREE PHASE POWER FAILURE MONITORING**" is the bonafide work of **KARTHICK PRASATH M (20BEC4069), JANAKAN D (20BEC4059), NACHIMUTHU J (20BEC4110), KAVIYARASEN B C (20BEC4074)** who carried out the project work under my supervision in the academic year **2022-2023 - EVEN.**

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This Minor project-**IV** report has been submitted for the **18ECP106L – Minor Project-IV**

Review held at M. Kumarasamy College of Engineering, Karur on **25-04-2023.**



PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "DUAL MONOPOLE ANTENNA WITH EBG ARRAY FOR MUTUAL COUPLING REDUCTION" is the bonafide work of "KIRUBAKARAN R (20BEC4079), KUMARESAN D (20BEC4086), LATHIKESH S (20BEC4087), LOGANATH S (20BEC4091)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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This Minor project-IV report has been submitted for the 18ECP106L – Minor Project-IV Review held at M. Kumarasamy College of Engineering, Karur 25/4/2023


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "SUN TRACKING SOLAR PANEL USING ARDUINO" is the bonafide work of "KEERTHANA S (20BEC4077), KEERTHI S(20BEC4078), LAVANYA P(20BEC4088), NAGESWARI R(20BEC4112) who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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This Minor project-IV report has been submitted for the 18ECP106L – Minor Project-IV

Review held at M. Kumarasamy College of Engineering, Karur on 25/04/2023


PROJECT COORDINATOR

M.KUMARASAMY COLLEGE OF ENGINEERING, KARUR

BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "WHEELCHAIR CONTROL USING VOICE SIGNAL" is the bonafide work of "JANANI M (20BEC4061), KAVIPRIYA M(20BEC4072), LAVANYA S (20BEC4089) " who carried out the project work under my supervision in the academic year 2022-2023.


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This Minor project-IV report has been submitted for the 18ECP106L – Minor Project-IV

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this **18ECP106L - Minor Project IV** report "**OBSTCALES AVOIDING USING ARDUINO WITH VOICE CONTROLLER**" is the bonafide work of "**JEYASURYA T(20BEC4064),KAMALESH S(20BEC4068), KISHOR L(20BEC4080),MOHAMMED ASHRAF D(20BEC4104)**" who carried out the project work under my supervision in the academic year **2022-2023 - EVEN.**

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "RAIN DETECTION WITH AUTOMATIC CLOSE OF WINDOW USING RAIN SENSOR IN IOT" is the bonafide work of "JANANI G (20BEC4060), JAYAPRIYA S (20BEC4063), LEKHASHREE M (20BEC4090)" who carried out the project work under my supervision in the academic year 2022-2023.

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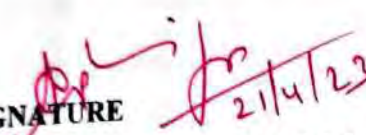

PROJECT COORDINATOR

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Certified that this 18ECP106L - Minor Project IV report "SMART SECURITY SYSTEMS FOR TRAIN BASED on IoT" is the bonafide work of "JOSHIKA P (20BEC4065), JOTHIPRIYA R (20BEC4066), MATHUMITHA T (20BEC4101), NANDHINI R (20BEC4114)" who carried out the project work under my supervision in the academic year 2022-2023.

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L-Minor Project IV report "CHATBOT USING ARTIFICIAL INTELLIGENCE" is the bonafide work of "KAVIYA C (20BEC4073), KAVYAPRIYA V (20BEC4075), MONISH K (20BEC4106), MONISHA M (20BEC4107)" who carried out the project work under my supervision in the academic year 2022-2023.

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Certified that this 18ECP106L - Minor Project IV report "ACCIDENT PREVENTION SYSTEM" is the bonafide work of "KISHOR.S (20BEC4081), KRITHIK PRIYAN.K.A (20BEC4085), LOGESHWARAN.S (20BEC4094), LOGESWARAN.P (20BEC4095)" who carried out the project work under my supervision in the academic year 2022-2023-EVEN

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PROJECT COORDINATOR

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Certified that this 18ECP106L - Minor Project IV report "ALCOHOL DETECTION AND PREVENTION OF VECHICLE" is the bonafide work of " KARTHIK R(20BEC4070), KOWSIGAN R(20BEC4083), MANIKANDAN M(20BEC4100), NANDHEESWARAN S(20BEC4083) carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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Certified that this **18ECP106L - Minor Project IV** report "**Web Real-Time Communication**" is the bonafide work of "**NANDHINI S (20BEC4115), POOVITHA R (20BEC4127), SABANA M (20BEC4155)**" who carried out the project work under my supervision in the academic year **2022-2023 - EVEN.**

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Project-IV Review held at M. Kumarasamy College of Engineering, Karur on

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PROJECT COORDINATOR

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Certified that this 18ECP106L - Minor Project IV report "ELECTRONIC NOTICE BOARD" is the Bonafide work of "NANDHITHA S(20BEC4116), NIVETHA S R(20BEC4126), RITHANYA P(20BEC4149)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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Review held at M. Kumarasamy College of Engineering, Karur on 25.04.2023

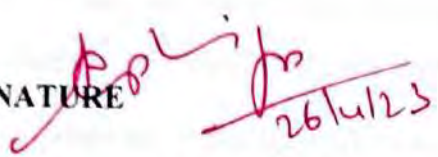

PROJECT COORDINATOR

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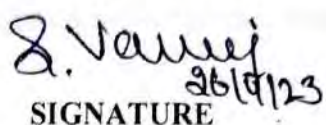
BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "SOLAR TRACKER SYSTEM USING ARDUINO" is the bonafide work of "NARMATHA S (20BEC4117), RESHMA T (20BEC4147), SANDHIYA R (20BEC4163)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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25.04.2023


PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "IOT BASED PARKING SYSTEM" is the bonafide work of "NAVEEN KUMAR J (20BEC4118), PRAVEEN S (20BEC4140), SABARI M (20BEC4157), SACHIN D (20BEC4160)" who carried out the project work under my supervision in the academic year 2022-2023-EVEN.

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "WIDEBAND PATCH ANTENNA FOR 5G DEVICES" is the bonafide work of "NAVEEN M (20BEC4119), NAVEEN V (20BEC4120), PRANAV KIRUTHIK K K (20BEC4131), SAKTHIVEL K (20BEC4162)" who carried out the project work under my supervision in the academic year 2022-2023-EVEN.

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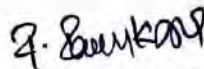
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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "FIRE DETECTION AND EXTINGUISHER SYSTEM USING IMAGE PROCESSING ARDUINO" is the Bonafide work of "NAVYA R(20BEC4121), NITHYAPRABHA R(20BEC4125), REVATHY SHREE ELA (20BEC4148), SABARNA K(20BEC4158)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "A FABRICATION OF ZnO QUANTUM DOT (JELLY) VIA POLY ACRYLIC ACID FOR OPTOELECTRONICS AND LUMINESCENT PROPERTIES" is the bonafide work of "NIKIL K N (20BEC4122), PRADEEP KUMAR P (20BEC4128), ROOBESH K S (20BEC4154), SANTHOSH KUMAR A (20BEC4165) who carried out the project work under my supervision in the academic year 2022-2023-EVEN.

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report “DROWSINESS DETECTION SYSTEM USING PYTHON” is the bonafide work of “NITHYAA SHREE-20BEC4124, RAKSHANA A S-20BEC4144, RITHIKA R K-20BEC4152, SANTHIYA S-20BEC4164 who carried out the project work under my supervision in the academic year 2022-2023 - ODD/EVEN.


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This Minor project-III report has been submitted for the 18ECP106L – Minor Project-IV Review held at M. Kumarasamy College of Engineering, Karur on 25.04.2023


PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "DESIGN OF SINGLE PORT RAM AND DUAL PORT RAM USING VERILOG CODE" is the bonafide work of "NIRVIN CHANDAR R (20BEC4123), PRAVEEN A (20BEC4135), PRAVIN NIXON S (20BEC4141)" who carried out the project work under my supervision in the academic year 2022 - 2023 - EVEN.



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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "SMART BLIND SPOT DETECTION IN SUBWAY" is the bonafide work of "PRADEEP P (20BEC4129), PRASANNA KUMAR R (20BEC4132), PRASANTH P (20BEC4133), RAHUL B (20BEC4142)" who carried out the project work under my supervision in the academic year 2022-2023-(EVEN).

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PROJECT COORDINATOR

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "SMART DUSTBIN USING ARDUINO" is the bonafide work of "PRADEEP P (20BEC4130), RAMESH M (20BEC4145), RANJITH KUMAR M (20BEC4146), SATHISH M (20BEC4170) who carried out the project work under my supervision in the academic year 2022-2023- EVEN.

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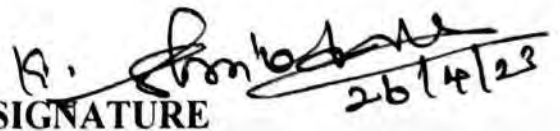
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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "LOW PROFILE TRANSCEIVER PATCH ANTENNA FOR 5G SUB GIGA HERTZ" is the bonafide work of "RITHICK V S (20BEC4151), SACHIN ARAVINTH K (20BEC4159), SASITH N (20BEC4169), ASWIN KUMAR K (20BEC4301)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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Review held at M. Kumarasamy College of Engineering, Karur on 25.04.2023

**M.KUMARASAMY COLLEGE OF ENGINEERING,
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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "RF BASED BIO-SENSOR FOR NON-INVASIVE OF BLOOD GLUCOSE LEVEL DETECTION" is the bonafide work of "PRAVEEN ANANDH P S (20BEC4136), PRAVEEN N (20BEC4137), PRAVEEN RAJA K (20BEC4139), ROHITH M (20BEC4153)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.


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This Minor project-IV report has been submitted for the 18ECP106L – Minor Project-IV

Review held at M. Kumarasamy College of Engineering, Karur on 25.04.2023


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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "DESIGN OF DIPOLE ANTENNA FOR RFID" is the bonafide work of "RITHICK R(20BEC4150), SANTHOSH M (20BEC4166), SANTHOSHKUMAR R P (20BEC4167), HALDO J (20BEC4303)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "MENTOR MENTEE MANAGEMENT SYSTEM" is the bonafide work of "PRASSHANT D (20BEC4134), RAJA K (20BEC4143), SABAREESH R (20BEC4143)" who carried out the project work under my supervision in the academic year 2022-2023 (EVEN SEMESTER).

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BONAFIDE CERTIFICATE

Certified that this **18ECP106L - Minor Project IV** report "**DESIGN OF UWB MICROSTRIP ANTENNA FOR WIRELESS COMMUNICATION**" is the bonafide work of "**PRAVEEN P (20BEC4138), SARAN V (20BEC4168), SRISUNDHAR V B (20BEC4313)**" who carried out the project work under my supervision in the academic year **2022-2023 - EVEN**.

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Certified that this 18ECP106L - Minor Project IV report "A SMART SECURITY SYSTEM USING IOT" is the bonafide work of "SUJA S(20BEC4189), SUKUL S(20BEC4192), SWETHA L G(20BEC4197)" who carried out the project work under my supervision in the academic year 2022-2023 -EVEN.

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Certified that this 18ECP106L – Minor Project IV report “APP DEVELOPMENT FOR STRESS MANAGEMENT” is the bonafide work of “SUBASHRI V(20BEC4186), SUBASRI B(20BEC4187), VAISHNAVEE M(20BEC4207), LEENA G (20BEC4401)” who carried out the project work under my supervision in the academic year 2022-2023.


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Certified that this 18ECP106L - Minor Project IV report "IoT BASED FOOD SPOILAGE DETECTION USING ARDUINO" is the bonafide work of "SURESH KUMAR K R (20BEC4193), SURYA S (20BEC4194), TAMILSELVAN M (20BEC4199) VINEETH S (20BEC4219)" who carried out the project work under my supervision in the academic year 2022-2023.

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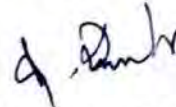
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Certified that this 18ECP106L-Minor Project IV report "Data Analytics in Renewable Energy" is the bonafide work of "Sindhuja B(20BEC4178), Sowmiya P(20BEC4181), Usha E(20BEC4205), Varsha N(20BEC4210)" who carried out the project work under my supervision in the academic year 2022-2023 EVEN.

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "GAS LEAKAGE ALERT SYSTEM" is the bonafide work of "THARSAN NISOK R (20BEC4202), VENKATESH I (20BEC4212), VIGNESH S (20BEC4214), SREE BALAN V (20BEC4312)" who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report " SMART LAST AND FOUND SYSTEM " is the bonafide work of " SRIDHAR T R (20BEC4183), UTITH NARENTHAAR S J (20BEC4206), VIGNESHWARAN S (20BEC4216) , VINOOTH KUMAR J (20BEC4221) who carried out the project work under my supervision in the academic year 2022-2023-EVEN.

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BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "SMART NOTICE BOARD" is the bonafide work of "SHRUDI SK (20BEC4176), SOBIKA B (20BEC4179), VINITHA A (20BEC4220), YUVARANJANI J (20BEC4223)" who carried out the project work under my supervision in the academic year 2022 -2023 - EVEN.


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Karur-639113.

This Minor project-IV report has been submitted for the 18ECP106L - **Minor Project - IV**
Review held at M. Kumarasamy College of Engineering, Karur on 25/04/2023


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "ELECTRICITY THEFT DETECTION USING IOT" is the bonafide work of " THINESH KUMAR G (20BEC4204),VIKRAM R N(20BEC4218), SRIVARSHAN S (20BEC4314)" who carried out the project work under mysupervision in the academic year 2022-2023 - EVEN.

SIGNATURE

Dr . S. PALANIVEL RAJAN, M.E., M.B.A., Ph.D.,
D.Litt (USA),,

HEAD OF THE DEPARTMENT,

Professor,

Department of Electronics and

Communication Engineering,

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SIGNATURE

Dr. S. MEIVEL, M.E., Ph.D.,

SUPERVISOR,

Assistant Professor,

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Engineering,

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Karur-639113.

This Minor project-IV report has been submitted for the 18ECP106L – Minor Project-IV

Review held at M. Kumarasamy College of Engineering, Karur. 25-4-2023

PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this **18ECP106L - Minor Project IV** report "**IOT BASED COAL MINE SAFETY MONITORING AND ALERTING SYSTEM**" is the bonafide work of "**SATHISHKUMAR K(20BEC4171),SELVAKUMAR R (20BEC4172), SRIDHAR T(20BEC4182) ,VIGNESHWARAN S(20BEC4215)** who carried out the project work under my supervision in the academic year **2022-2023 - EVEN.**


SIGNATURE

**Dr.S.PALANIVEL RAJAN, M.E., M.B.A.,
Ph.D.,D.Litt (USA),,**

HEAD OF THE DEPARTMENT,

Professor,

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Karur-639113.


SIGNATURE

Mr.L.RAMESH ,M.E.,

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This Minor project-IV report has been submitted for the **18ECP106L – Minor Project-IV**

Review held at M.Kumarasamy College of Engineering, Karur 25/4/2023



PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this **18ECP106L - Minor Project IV** report "WOMEN SECURITY WITH SMS ALERT BASED ANDROID APP" is the bonafide work of "Tharun S (20BEC4203), Varnika S (20BEC4208), Vijayaragavan T (20BEC4217), Vishwa S (20BEC4222)" who carried out the project work under my supervision in the academic year **2022-2023 -EVEN**.

SIGNATURE


**Dr.S.PALANIVEL RAJAN, M.E., M.B.A.,
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Professor,
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Karur-639113.

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Mr.P.T.SIVAGURUNATHAN M.E.,(Ph.D)

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This Minor project-IV report has been submitted for the **18ECP106L – Minor Project-IV**
Review held at M. Kumarasamy College of Engineering, Karur on **Final Review Date**

25-04-2023



PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "CLASSIFICATION OF BABY CRIES USING MACHINE LEARNING ALGORITHMS" is the bonafide work of "SRIVISHNU P(20BEC4185), SUVETHA C(20BEC4196), VARSHAYINI S(20BEC4211), VIGNESH R(20BEC4213) who carried out the project work under my supervision in the academic year 2022-2023-EVEN.

SIGNATURE


Dr.S.PALANIVEL RAJAN, M.E., M.B.A.,
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Professor,

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Mr.S.MOHANRAJ, M.E., [Ph.D].,

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This Minor project-IV report has been submitted for the 18ECP106L – Minor Project-IV

Review held at M. Kumarasamy College of Engineering, Karur on 25/04/2023


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "Leaf Disease Classification Using ML " is the bonafide work of "SOWMIYA K(20BEC4180), SUHASHRAJ V(20BEC4195), TARUN SK(20BEC4200), KAVINADHITHYA JS(20BEC4305) who carried out the project work under my supervision in the academic year 2022-2023 - EVEN.

SIGNATURE


21/4/23

**Dr.S.PALANIVEL RAJAN, M.E., M.B.A., Ph.D., S.MOHANRAJ, M.E.,[Ph.D].,
D.Litt (USA),,**

HEAD OF THE DEPARTMENT,

Professor,

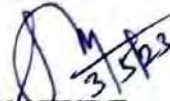
Department of Electronics and
Communication Engineering,

M.Kumarasamy College of Engineering,

Thalavapalayam,

Karur-639113.

SIGNATURE


3/5/23

SUPERVISOR,

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Karur-639113.

This Minor project-IV report has been submitted for the 18ECP106L – Minor Project-IV

Review held at M.Kumarasamy College of Engineering, Karur 25/4/23 .


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "CREDIT CARD FRAUD DETECTION" is the bonafide work of "SUDHARSUN Y(20BEC4188), SUKEENDHAR G(20BEC4191), MOKITH K(20BEC4307), NAVEEN E (20BEC4308)" who carried out the project work under my supervision in the academic year 2022-2023 -EVEN.

SIGNATURE


Dr.S.PALANIVEL RAJAN, M.E., M.B.A.,

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S. Arunprathap, M.E.,

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This Minor project-IV report has been submitted for the 18ECP106L – Minor Project-IV

Review held at M. Kumarasamy College of Engineering, Karur on 25/04/2023.


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "Investigation of Compact Quad Band Antenna Loaded with Hexagonal SRR Metamaterial for UWB Application" is the bonafide work of "SHANMUGAPRIYA K (20BEC4173), SHARMILI S (20BEC4174), SRIMATHI R (20BEC4184), VARSANA J (20BEC4209)" who carried out the project work under my supervision in the academic year 2022-2023 .

SIGNATURE


Dr.S. PALANIVEL RAJAN, M.E., M.B.A.,

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Mrs.B.NEETHTHI AADITHIYA

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Karur-639113

This Minor project-IV report has been submitted for the 18ECP106L – Minor Project-IV Review held at M.Kumarasamy College of Engineering, Karur on 25/04/2023


PROJECT COORDINATOR

**M.KUMARASAMY COLLEGE OF ENGINEERING,
KARUR**

BONAFIDE CERTIFICATE

Certified that this 18ECP106L - Minor Project IV report "DESIGN OF TRI-BAND ANTENNA LOADED WITH HEXAGONAL METAMATERIAL FOR UWB APPLICATIONS" is the bonafide work of "SHREE SUBHA M(20BEC4175), SUJITHAAR(20BEC4190), THANYA K (20BEC4201)" who carried out the project work under my supervision in the academic year 2022-2023.

SIGNATURE


Dr.S.PALANIVEL RAJAN, M.E., M.B.A., Ph.D.,
D.Litt (USA),

HEAD OF THE DEPARTMENT,

Professor,

Department of Electronics and

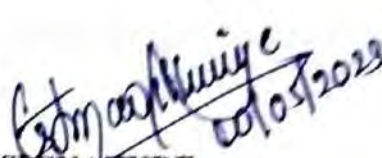
Communication Engineering,

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Mrs.B.NEETHTHI AADITHIYA,
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Karur-639113.

This Minor project-IV report has been submitted for the 18ECP106L – Minor Project-IV

Review held at M. Kumarasamy College of Engineering, Karur on 25-04-2023


PROJECT COORDINATOR



Criterion 1: Curricular Aspects

1.3 Curriculum Enrichment

1.3.4.1: Number of students undertaking field projects / internships / student projects

Programme Name: B.E Electronics and Communication Engineering.

Industrial Visit Proof



M.KUMARASAMY
COLLEGE OF ENGINEERING

NAAC Accredited Autonomous Institution

Approved by AICTE & Affiliated to Anna University
ISO 9001:2015 & ISO 14001:2015 Certified Institution

Thalavapalayam, Karur - 639 113.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Industrial Visit Details

Academic Year 2022-2023 (ODD SEM)

S. No.	Academic year	No. of students Benefited	Company Details
1	2021-2025	239	1. iROID Technologies, Cochin 2. Kaynes Technology India Pvt Ltd, Bangaluru
2	2020-2024	188	1. iROID Technologies, Cochin 2. Kaynes Technology India Pvt Ltd, Mysuru 3. Autovea Metal Plast, Mysuru. 4. Kerala Electrical & Allied Engineering Lt Mamala

Industrial Visit In-charge
[D. Jayaseelan, AP/ECE]

Verified by
S. Meivet AP/ECE

HoD/ECE
22/12/21



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

REF: ECE/INDUSTRIAL VISIT/II YEAR/BOYS/2021-2025

DEPARTMENT	ECE
YEAR/SEM	II/III-BOYS
DATE OF VISIT	14.10.2022 to 15.10.2022
COMPANIES TO BE VISITED	Iroid Technologies , Second Floor Trust Building, Cochin
TOTAL NO. OF STUDENTS	132
ACCOMPANYING STAFF	1.Mr.K.SUDHAKAR 2.Dr.K.SIVANANDAM 3.Dr.R.RAJESH KANNAR 4.Dr.N.SENTHIL KUMAR 5.Mr.G.VEERAMALAI,6.Mr.M.MANIKANDAN
BUS NUMBER	TN47 T 5995, TN52 L 3366 & TN30 AK 9599
BUS COMPANY DETAILS	EMPEROR HOLIDAYS (SACHIN , SMR & TST Transport)
CONTACT NUMBERS	8778111531
ADVANCE AMOUNT COLLECTED FROM STUDENTS	3200 PER HEAD (Including Food & Accommodation)
CHECK LIST	1.INDUSTRIAL VISIT SCHEDULE. 2.STUDENT LIST.

1. K. P. J.
2. B. Mohan

STUDENT INDUSTRIAL VISIT INCHARGE

1. K. Priyalkanth (C-sec)
2. B. Mohan . (Bsec).

(1) K.S. (13/10/22) (2) J. J. (13/10/22)
STAFF INDUSTRIAL VISIT COORDINATOR

1) K.SUDHAKAR
2) S. ARUNPRATHAP.

-----For Official use-----

VERIFIED
by HOD 13/10/22

APPROVED
by Principal 13/10/22



ECE/INDUSTRIAL VISIT SCHEDULE/III YEAR/BOYS/2021-2025

S.NO	DATE	PLACES	TIME
1	13.10.2022	DEPARTURE FROM COLLEGE TO MUNNAR	09:30 PM
14.10.2022 (MUNNAR)			
1	14.10.2022	REACH MUNNAR AT	6.00 AM
2		BREAKFAST	8.00 AM TO 09.00 AM
3		PHOTO POINT	10.00 AM TO 11.00 AM
4		VIEW POINT	11.30PM TO 1.00 PM
5		LUNCH	2.00 PM TO 3.00 PM
6		MATTUPATHY DAM	3.00PM TO 4.00 PM
7		ECO POINT	4.00PM TO 5.00 PM
8		DINNER	7.00PM TO 8.00 PM
9		CAMP FIRE	8.00 TO 9.00
15.10.2022(COCHIN)			
1	15.10.2022	BREAKFAST	8.00 AM TO 8.30 AM
2		COMPANY (ACE COMPONENTS & ELECTRONICS)	09.30 AM TO 11.00 AM
3		LU LU MALL	11.00 PM TO 1.00 PM
4		LUNCH	1.30 PM TO 2.00 PM
5		FORT COCHI	2.00 PM TO 4.00 PM
6		VIPIN BEACH	5.00 PM TO 6.00 PM
7		DJ BOAT	6.00 PM TO 7.00 PM
8		START TRAVEL TO COLLEGE	7.00 PM
9		REACHED COLLEGE	02.00 AM

-----For Official use-----

VERIFIED
by HOD

[Signature]
13/10/22

APPROVED
by Principal

[Signature]
13/10/22



Department of Electronics and Communication Engineering

Academic Year 2022-2023 (ODD SEM)

II YEAR IV Willing student list

S.No	Register Number	Student Name	Section	Signature
1	927621BEC001	AAKASH T	A	T. Aakash
2	927621BEC003	ABINATH K	A	A. Binath
3	927621BEC006	ABINESH R	A	A. Binath
4	927621BEC007	ABISHEK M	A	M. Abishek
5	927621BEC009	AJAY RAGHAV R	A	R. Ajay
6	927621BEC010	AJAY RAHUL R	A	R. Ajay
7	927621BEC011	AKASH R	A	R. Akash
8	927621BEC014	ARUN KUMAR D	A	D. Arun
9	927621BEC016	ATHIL ABDUL RAHIM M	A	M. Athil
10	927621BEC018	BABU PRASANTH S	A	S. Babu
11	927621BEC019	BALADEVA K	A	K. Baladeva
12	927621BEC020	BALAJI G	A	G. Balaji
13	927621BEC021	BALAJI M	A	M. Balaji
14	927621BEC023	BALAJI P	A	P. Balaji
15	927621BEC024	BHAGAVATHI R	A	R. Bhagavathi
16	927621BEC025	BHALARAM KRISHNA S A	A	A. S. Bhalaram
17	927621BEC026	BHARATH B	A	B. Bharath
18	927621BEC028	CHANDRU J	A	J. Chandru
19	927621BEC030	DEVADHARSHAN. P	A	P. Devadharshan
20	927621BEC033	DHANUSH S	A	S. Dhhanush
21	927621BEC036	DHARANEESH V.L	A	L. V. Dhaneesh
22	927621BEC037	DHARANESWARA. V	A	V. Dharneswara
23	927621BEC039	DHARNETHARAN V	A	V. Dharnetharan
24	927621BEC040	DHARSHAN PS	A	S. Dhharshan
25	927621BEC045	DHARUN SK	A	K. S. Dhharun

26	927621BEC046	DHILIP KUMAR R	A	R. Dhilip Kumar
27	927621BEC047	DHIVAKAR P	A	P. Dhivakar
28	927621BEC048	DHIYANESH S	A	b. D. Sh
29	927621BEC049	DINESH S	A	S. D. S
30	927621BEC050	DINESH V	A	V. D. S
31	927621BEC053	GOWISK. T	A	T. Gowisk
32	927621BEC054	GOWTHAMVEL. P	A	P. Gowthamvel
33	927621BEC055	GUHAN A	A	A. Guhan
34	927621BEC056	GUHANRAJ P K	A	P. K. Guhanraj
35	927621BEC058	HARIPRASAATH S	A	S. Hariprasaath
36	927621BEC059	HARIHARAN M	A	M. Hariharan
37	927621BEC060	HARIKUMARESAN S	A	S. Hari Kumaresan
38	927621BEC062	HARRISH SUNDAR A	A	A. Harish Sundar
39	927621BEC065	JAISURYA S	A	S. Jaishurya
40	22LEC016	MAHENDRAN V	A	V. Mahendran
41	22LEC018	MUKILAN K	A	K. Mukilan
42	927621BEC017	ATIF SAFIQ M	B	M. Atif Safiq
43	927621BEC069	JEEVA G	B	G. Jeeva
44	927621BEC072	KARTHICK C	B	C. Karthick
45	927621BEC073	KARTHICKRAJA K	B	K. Karthickraja
46	927621BEC077	KARVENDAN P	B	P. Karvendan
47	927621BEC078	KATHIRVEL S	B	S. Kathirvel
48	927621BEC079	KAVIN S	B	S. Kavin
49	927621BEC080	KAVIN V	B	V. Kavin
50	927621BEC081	KAVINESH A S	B	S. Kavinesh A
51	927621BEC088	KIRANRAJ M	B	M. Kiranraj
52	927621BEC092	KISHOR J K	B	K. J. Kishor
53	927621BEC093	KISHOR T	B	T. Kishor
54	927621BEC094	KISHORE K	B	K. Kishore
55	927621BEC095	KISHORE K	B	K. Kishore
56	927621BEC096	KISHORE R	B	R. Kishore

57	927621BEC098	KUMAR N	B	N. ...
58	927621BEC102	LINGESH ROYAN R	B	Linges
59	927621BEC105	LOGESH BABU B	B	Logesh
60	927621BEC106	MADHESWARAN S	B	S. Madhes
61	927621BEC107	MADHIARASU R S	B	R.S. Madhi
62	927621BEC111	MAHENDRAVARMAN RS	B	Mahendra
63	927621BEC112	MALLESH S	B	S. Mallesh
64	927621BEC113	MANIKANDAN S	B	S. Manikandan
65	927621BEC115	MANOJ P	B	P. Manoj
66	927621BEC116	MANOJ R	B	R. Manoj
67	927621BEC117	MANOJ S	B	S. Manoj
68	927621BEC118	MATHAVAN T	B	T. Mathavan
69	927621BEC120	MIDHUN R	B	R. Midhun
70	927621BEC121	MOHAMED ANAS S	B	S. Mohamed
71	927621BEC122	MOHAN B	B	B. Mohan
72	927621BEC123	MOHANA PRASATH B V	B	B.V. Mohana
73	927621BEC124	MOHANKUMAR R	B	R. Mohankumar
74	927621BEC125	MOHANPRASATH S	B	S. Mohan
75	927621BEC126	MOHANRAJ S	B	S. Mohan
76	22LECO10	SANTHOSH P	B	P. Santhosh
77	22LECO20	BALAKUMAR A	B	A. Balakumar
78	927621BEC127 22LECO2166	MAHENDRAN S ROSHAN N.	C	N. Roshan
79	927621BEC128	MONISH B	C	B. Monish
80	927621BEC132	NATHAN S	C	S. Nathan
81	927621BEC133	NATHISH B	C	B. Nathish
82	927621BEC135	NAVEEN KUMAR S	C	S. Naveen
83	927621BEC138	NISHANTH G	C	G. Nishanth
84	927621BEC140	NITHISHKUMAR C	C	C. Nithish
85	927621BEC145	PAVITHRAN A V	C	V. Pavithran
86	927621BEC148	PRADEEP V	C	V. Pradeep
87	927621BEC149	PRASANTH G	C	G. Prasant

88	927621BEC150	PRASANTH V	C	V. Prasanth
89	927621BEC151	PRAVEEN S	C	S.P.
90	927621BEC156	PRIYAKANTH K	C	K. Priyakanth
91	927621BEC160	RAGULADHITHIYA S	C	S. Raghul
92	927621BEC161	RAKESH C	C	C. Rakesh
93	927621BEC168	SABARI J	C	J. Sabari
94	927621BEC169	SACHIN R S	C	R. Sachin
95	927621BEC173	SANGEETH KUMAR R	C	R. Sangeetha
96	927621BEC174	SANGEETH V	C	V. Sangeetha
97	927621BEC175	SANJAI B	C	B. Sanjai
98	927621BEC177	SANJAI K	C	K. Sanjai
99	927621BEC178	SANJAI P	C	P. Sanjai
100	927621BEC179	SANJAI S	C	S. Sanjai
101	927621BEC180	SANJAYKUMAR R	C	R. Sanjay
102	927621BEC181	SANTHA KUMAR S	C	S. Santha
103	927621BEC182	SANTHOSH KUMAR S	C	S. Santhosh
104	927621BEC183	SARAN S	C	S. Saran
105	927621BEC185	SARANKUMAR K	C	K. Saran
106	927621BEC187	SARAVANAN M	C	M. Saravanan
107	927621BEC188	SARVESH M D	C	M. D. Sarvesh
108	927621BEC022	BALAJI N	D	N. Balaji
109	927621BEC193	SETHUPRIAN V M	D	V. M. Sethupriyan
110	927621BEC195	SHANJAY R K	D	R. K. Shanjay
111	927621BEC196	SHARATH C	D	C. Sharath
112	927621BEC199	SIBI V B	D	V. B. Sibi
113	927621BEC210	SRIDHAR R C	D	R. C. Sridhar
114	927621BEC211	SRIHARI M	D	M. Srihari
115	927621BEC213	SUBASH P	D	P. Subash
116	927621BEC214	SUBASH S	D	S. Subash
117	927621BEC218	SUBHASH K	D	K. Subhash
118	927621BEC219	SUDHARSUN S	D	S. Sudharsun

927621BEC221	SUJIT M		
927621BEC226	TEJNITHISH S	D	M. Jayal
927621BEC229	THARUNKUMAR R B	D	S. Vinuthan
927621BEC231	THIRUPUKAL G	D	Tharun
927621BEC234	VASANTH P	D	G. Thir
927621BEC235	VASHANTH S P	D	P. Vasanth
927621BEC242	VISHAL G	D	S.P. Vashanth
927621BEC243	VISHWA S	D	G. Vishal
927621BEC246	YOGESHWARAN S	D	S. Vinu
927621BEC248	YUVA SARAVANAN S	D	S. Vinu
927621BEC249	YUVAN SANKAR RAJA S	D	S. Vinu
927621BEC250	YUVANSANKARRAJA S	D	S. Vinu
927621BEC251	YUVARAJ S	D	S. Vinu
927622LEC003	SURYA S	D	S. Vinu
		D	S. Pruthi



Arunprathap S <arunprathaps.ece@mkce.ac.in>

Industrial Visit Request - Regarding

1 message

Thu, Oct 6, 2022 at 1:55 PM

Arunprathap S <arunprathaps.ece@mkce.ac.in>
To: "hr@irohub.com" <hr@irohub.com>
Bcc: HOD ECE MKCE <hodece@mkce.ac.in>

Dear sir/madam

Myself S.Arunprathap Assistant professor, Department of Electronics and Communication Engineering from M.Kumarasamy College of Engineering, Karur, Tamilnadu, our Second year students are willing to visit your company on 15.10.2022, so i kindly request you to give me a permission for the industrial visit.

I am looking forward to your reply..

The department of Electronics and Communication Engineering (ECE) of MKCE was established in 2000 with an initial intake of 60 students to the UnderGraduate (UG) program and enhanced to an intake of 120 students from 2005 and 180 students from 2011 and 240 students from 2012. The department offers one Postgraduate Programme "Communication Systems" from 2011 with an intake of 18 students. The department is also a recognized Research Centre by Anna University since 2017.

--
Thanks & Regards,

S.ARUNPRATHAP, Assistant Professor,
9944154389, 7639835266
Department of Electronics and Communication Engineering,
M.Kumarasamy College of Engineering | Thalavapalayam | KARUR - 639 113.

@ arunprathaps.ece@mkce.ac.in

Vision of ECE:

To empower the Electronics and Communication Engineering students with emerging technologies, professionalism, innovative research and social responsibility.

Mission of ECE:

- M1: Attain the academic excellence through innovative teaching learning process, research areas & laboratories and Consultancy projects.**
- M2: Inculcate the students in problem solving and lifelong learning ability.**
- M3: Provide entrepreneurial skills and leadership qualities.**
- M4: Render the technical knowledge and skills of faculty members.**

PERMISSION FOR INDUSTRIAL VISIT

External External Inbox



HR - IROHUB - hr@irohub.com
to me, Jibin, Amala

Hello Team,

Greetings from iROID TECHNOLOGIES !!!

We are glad to approve the request for Industrial visit of 130 students for 2nd year from M Kumarasamy college of engineering. You have been considered for an industrial Visit with IROHUB Infotech, Kochi on 08-10-2022.

You will be provided with training in Android, PHP, iOS and Python, also you will be visiting the development area.

Note:-

- * The timing will be from 09:30am.
- * Common Industrial Visit Certificate will be provided.

About our company

iROID technologies is a global IT solutions provider with its headquarters located in Cochin, India. With the backbone of a bunch of experienced professionals in the software industry, we are inspired to diversify our skills in various domains such as Mobile Application Development, Web Development, Branding, SEO, Internet marketing, etc. Ranging with a client base of leading industry giants across the Domestic & Overseas market, iROID concentrates on the development of innovative products for the service sector.

Here is a link to our Company Profile and Portfolio to know more about us and our applications.



INDUSTRIAL VISIT REPORT

ACADEMIC YEAR	2022 – 2023
BATCH	2021 – 2025
YEAR/SEMESTER	SECOND/THIRD
DURATION OF VISIT	14.10.2022 & 15.10.2022
COMPANY OF VISIT	IROID Technology, Ernakulam, Kerala-682017
GENDER/COUNT	MALE/134
CO-ORDINATOR/ ACCOMPANY	Dr.K.Sivanandam Dr.R.Rajesh Kanna Dr.N.Senthilkumar Mr.K.Sudhakar Dr.V.Manikandan Mr.G.Veeramalai

II YEAR BOYS INDUSTRIAL VISIT REPORT



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3	JOURNEY DETAILS	3



DATE: 15.10.2022

COMPANY VISITED: IROID Technology, Ernakulam,
Kerala-682017



A complete Report based an industrial visit organized by M.Kumarasamy College of Engineering and Management specifically for the students of Electronics and Communication Engineering (ECE) department in order to improve their practical knowledge in the field of electronics and to cultivate the unity among all students. The ECE department had planned an industrial visit for October 14th and 15th, 2022. On October 13, 2022, at 10 p.m., we set out from the college campus. We arrived in Munnar on the first day, October 14, 2022, with 134 students and six faculty members and visited many places.

On October 15, 2022, we arrived in Ernakulam and paid a visit to IROID Technology. The ERP Development, Website Development, E-Commerce Development, Mobile App Development, Digital Marketing, UI/UX Design Software Development, CMS Development, Web App Development, Testing & Quality Analysis, IOT Development, Maintenance & Support, Frontend Development, and DevOps Solution are all services offered by IROID Technology. Moreover, they develop technologies like Python development, PHP development, HTML5 design, Wordpress development, UI design, CRM development, naming strategies, and AngularJS development. Members of IROID Technology discussed Java, Python, and other languages that are very useful to students. They also explained about the product management of Java and Python.

We began our journey to our college in Karur on October 15, 2022, at 9 p.m., and arrived at 6:00 a.m. on October 16, 2022.

Prepared by

Dr.K.Sivanandam
Dr.R.Rajesh Kanna
Dr.N.Senthilkumar
Ar.K.Sudhakar
Dr.V.Manikandan
Ar.G.Veeramalai



[Signature]
HoD

Dr. S. PALANIVEL RAJAN, B.E., M.E., Ph.D.,
M.B.A., P.G.D.I.C.L., D.Litt., (USA),
Professor & Head,
Dept. of Electronics and Communication Engg.,
M.Kumarasamy College of Engineering, Karur - 639 113.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

REF:ECE/INDUSTRIAL VISIT/II YEAR/GIRLS/2021-2025

DEPARTMENT	ECE
YEAR/SEM	II/III Girls
DATE OF VISIT	14.10.2022 to 15.10.2022
COMPANIES TO BE VISITED	Kaynes Technology India Pvt Ltd, A53, 2nd Main Rd, Peenya Industrial Area Phase IV, Peenya, Bengaluru, Karnataka 560058.
TOTAL NO. OF STUDENTS	105
ACCOMPANYING STAFF	1.Mrs.P.SANMUGAVALLI 2.Ms.J.HELLAN PRIYA 3.Ms.K.DHARANIPRIYA 4.Mr.P.NAGARAJAN 5.Mr.C.RAMAKRISHNAN
BUS NUMBER	TN.36 AH.4455 & TN.30 BH.7377
BUS COMPANY DETAILS	EMPEROR HOLIDAYS (Thirumagal & PRP Transport)
CONTACT NUMBERS	8610278176 & 6369133822
ADVANCE AMOUNT COLLECTED FROM STUDENTS	3200 PER HEAD (Including Food & Accommodation)
CHECK LIST	1.INDUSTRIAL VISIT SCHEDULE. 2.STUDENT LIST.

Srevarshini.S
 STUDENT INDUSTRIAL VISIT INCHARGE
S. C to.
 (SREVARSHINI.S)
 (GANISKA.S)

1. *P. Sane* 13/10/22
 STAFF INDUSTRIAL VISIT COORDINATOR
 2. *Chellan Priya* 12/10/22
 3. *K. PL* 13/10/22

-----For Official use-----

VERIFIED
 by HOD 13/10/22

[Signature]
 APPROVED
 by Principal



M.KUMARASAMY
COLLEGE OF ENGINEERING
 NAAC Accredited Autonomous Institution
 Approved by AICTE & Affiliated to Anna University
 ISO 9001:2015 & ISO 14001:2015 Certified Institution
 Thalavapalayam, Karur - 639 113.



ECE/INDUSTRIAL VISIT SCHEDULE/III YEAR/GIRLS(2021-2025)

S.N O	DATE	PLACES	TIME
1	13.10.2022	DEPARTURE FROM COLLEGE TO MYSORE	8.30 PM
14.10.2022 (MYSORE)			
1	14.10.2022	REACH MYSORE AT	6.00 AM
2		BREAKFAST	8.00 AM TO 08.30 AM
3		COMPANY (Kaynes Technology India Pvt Ltd)	10.00 AM TO 11.00 AM
4		CHAMUNDI HILLS	11.30PM TO 1.00 PM
5		LUNCH	1.00 PM TO 2.00 PM
6		MYSORE PALACE	2.00PM TO 3.00 PM
7		KRS DAM	4.00 PM TO 5.00 PM
8		BRINDHAVAN GARDEN	5.00 PM TO 6.30 PM
9		DINNER	9.00PM TO 9.30 PM
15.10.2022(COORG)			
1	15.10.2022	BREAKFAST	8.00 AM TO 8.30 AM
2		GOLDEN TEMPLE	10.00 AM TO 11.30 AM
3		NIZARGDHAMA	12.00 PM TO 1.00 PM
4		LUNCH	1.00 PM TO 2.00 PM
5		SHOPPING	2.00 PM TO 3.00 PM
6		HARANGE DAM	3.00 PM TO 4.00 PM
7		DUBERA FOREST	5.00 PM TO 6.00 PM
8		DJ SHED	6.00 PM TO 7.00PM
9		START TRAVEL TO COLLEGE	7.00 PM
10		REACHED COLLEGE	6.00 AM

-----For Official use-----

VERIFIED
 by HOD

[Signature]
 13/10/22

[Signature]
 APPROVED
 by Principle



M.KUMARASAMY
COLLEGE OF ENGINEERING
NAAC Accredited Autonomous Institution
Approved by AICTE & Affiliated to Anna University
PO 9001 2015 & PO 14001 2015 Certified Institution
Thalavapalayam, Karur - 639 113.



Department of Electronics and Communication Engineering
Academic Year 2022-2023 (ODD SEM)
II YEAR IV Willing student list

S.No	Register Number	Student Name	Section	Signature
1	927621BEC002	AARTHY A	A	Aarthya
2	927621BEC004	ABINAYA SRI N	A	N. Abinaya
3	927621BEC005	ABINAYA T	A	T. Abinaya
4	927621BEC008	AISHWARYA R	A	T. Aishwarya
5	927621BEC012	ANUSHA. L	A	R. Anusha
6	927621BEC013	ARSHIDHA U	A	L. Arshidha
7	927621BEC015	ASMATH Z	A	U. Asmatha
8	927621BEC027	BRINDHA R	A	Asmatha Z.
9	927621BEC029	DEEPIKA M	A	R. Brindha
10	927621BEC034	DHANUSHA R	A	M. Deepika
11	927621BEC035	DHANUSRI R P	A	R. Dhansri
12	927621BEC038	DHARANIKA C	A	R.P. Dhansri
13	927621BEC041	DHARSHANA M	A	Dharanika
14	927621BEC042	DHARSHINI N	A	M. Dharshini
15	927621BEC043	DHARSHINI T	A	N. Dharshini
16	927621BEC044	DHARSHINIPRIYA R	A	T. Dharshini
17	927621BEC051	ELAKKIYAA B	A	R. Dharshini
18	927621BEC052	GANISKA S	A	B. Elakkiya
19	927621BEC057	HAASNIE S	A	S. Ganiska
20	927621BEC061	HARINI S	A	S. Haasnief
21	927621BEC063	HARSELA S	A	Harini S.
22	927621BEC064	INDHUJA V	A	Harisela S.
23	22LECO11	RANJANA PRIYA R	A	Harisela S.
24	927621BEC066	JANANI K	B	V. Indhija
			B	Janani K.

25	927621BEC067	JANAPRIYA R	B	R. Janapriya
26	927621BEC068	JAYARISHA V	B	V. Jayarisha
27	927621BEC071	KARNIKASHREE C	B	C. Karnikashree
28	927621BEC074	KARTHIKA R	B	R. Kartika
29	927621BEC082	KEERTHANA D	B	Keerthana. D
30	927621BEC083	KEERTHANA S	B	Keerthana. S
31	927621BEC084	KEERTHANA S P	B	S. P. Keerthana
32	927621BEC085	KEERTHI P	B	P. Keerthi
33	927621BEC086	KEERTHIKA R	B	R. Keerthi
34	927621BEC087	KESAVI R	B	R. Kesavi
35	927621BEC089	KIRUBASHINI P	B	P. Kirubashini
36	927621BEC090	KIRUTHIGA M	B	M. Kiruthiga
37	927621BEC091	KIRUTHIKA V R	B	V. R. Kiruthika
38	927621BEC097	KRITHIGA D	B	D. Krithiga
39	927621BEC099	LAKSHANA K	B	K. Lakshana
40	927621BEC100	LAKSHITHA S M	B	M. S. Lakshitha
41	927621BEC103	LISHA B	B	B. Lisha
42	927621BEC108	MADHUMITHA SRI R	B	R. Madhumitha
43	927621BEC109	MADHUSRI J	B	J. Madhusri
44	927621BEC114	MANJULA M	B	M. Manjula
45	927621BEC119	MEENA S	B	S. Meena
46	927621BEC127	MONIKA G	B	G. Monika
47	927621BEC129	MONISHA A	C	A. Monisha
48	927621BEC130	MUTHULAKSHMI M	C	M. Muthulakshmi
49	927621BEC131	NANDHINI G	C	G. Nandhini
50	927621BEC134	NAVANEETHA S	C	S. Navaneetha
51	927621BEC136	NAVEENA K	C	K. Naveena
52	927621BEC141	PADMAVATHI S	C	S. Padmavathi
53	927621BEC142	PAVIPRAVEENA G	C	G. Pavipraveena
54	927621BEC143	PAVITHRA G	C	G. Pavithra

55	927621BEC144	PAVITHRA T	C	T. Paf
56	927621BEC146	POOJA SHREE M	C	M. Poolaj
57	927621BEC147	POORVAJA V S	C	V. S. Purl
58	927621BEC152	PRAVEENA M	C	M. Praf
59	927621BEC153	PRITHIGA V	C	V. Pruthiga
60	927621BEC154	PRIYADHARSHINI R	C	R. Priyadharsini
61	927621BEC155	PRIYADHARSHINI V	C	V. Priyadharsini
62	927621BEC157	PRUTHIGA M S	C	M. S. Pruthiga
63	927621BEC158	PUVITHA SRI N	C	N. Puvitha Sri
64	927621BEC159	RAGAVI S	C	S. Ragavi
65	927621BEC162	RATHIPRIYA T	C	T. Rathiga
66	927621BEC164	REENA S	C	S. Reena
67	927621BEC165	RENUGA K	C	K. Renuga
68	927621BEC167	RUBAA B	C	B. Rubaa
69	927621BEC170	SANCHANA SRI S	C	S. Sanchana
70	927621BEC172	SANGAVI M	C	M. Sangavi
71	927621BEC186	SARANYA S	C	S. Saranya
72	927621BEC189	SASIREKHA T	C	T. Sasirekha
73	927621BEC190	SATHIYADHARSHINI B	C	B. Sathiyadharsini
74	927621BEC032	DHANAJA R	D	Dhanajak
75	927621BEC192	SATHYA P	D	Sathya
76	927621BEC194	SHALINI S	D	S. Shalini
77	927621BEC197	SHARMILA S	D	S. Sharmila
78	927621BEC198	SHOBIKA S	D	S. Shobika
79	927621BEC200	SIVAPRIYA S	D	S. Sivapriya
80	927621BEC202	SNEHA R	D	R. Sneha
81	927621BEC203	SNEHA R	D	R. Sneha
82	927621BEC204	SNEHA R	D	R. Sneha
83	927621BEC205	SOBIYA T	D	T. Sobiya
84	927621BEC207	SOWMIGA B	D	B. Sowmiga

85	927621BEC208	SREVARSHINE S	D	Srevarshine S
86	927621BEC212	SRUTHIKAA K V	D	Sruthikaa K.V
87	927621BEC216	SUBASHINI M	D	M. Subashini
88	927621BEC217	SUBASREE S	D	Subasree S.
89	927621BEC220	SUGANYADEVI S	D	S. Suganyadevi
90	927621BEC222	SUJITHA V	D	V. Sujitha
91	927621BEC223	SUNMATHI S	D	S. Sunmathi
92	927621BEC224	SURIYA N	D	Suriya N
93	927621BEC227	THANUSHYA R P R	D	Thanushya
94	927621BEC228	THARUNIGA A M	D	Tharuniga.
95	927621BEC230	THIRISHA G	D	G. Thirisha
96	927621BEC232	VAISHALI K	D	K. Vaishali
97	927621BEC233	VAISRI S	D	Vaisri S.
98	927621BEC236	VASUKI M	D	Vasuki M.
99	927621BEC237	VASUNTHRA P	D	Vasunthra P
100	927621BEC239	VIDHYA SHREE S	D	Vidhya Shree S
101	927621BEC241	VINOTHA P	D	Vinotha P
102	927621BEC244	YAKSHINI M	D	Yakshini M
103	927621BEC247	YUVA PRABHA B	D	Yuva Prabha B
104	927621BEC252	YUVASHREE R	D	Yuvashree R

105 927621BME002 AMIRTHA M. M. CA - M. J. M.

MECH-

M. Anitha
M. M. J. M.
13/1/2022
MOD. 2/MEC



INDUSTRIAL VISIT REPORT



ACADEMIC YEAR	2022-2023
BATCH	2021-2025
YEAR/SEMESTER	SECOND/THIRD
DURATION OF VISIT	14.10.2022 – 15.10.2022
COMPANY OF VISIT	KAYNES TECHNOLOGY INDIA PVT LTD, A 53, 2ND MAIN ROAD, PEENYA INDUSTRIAL AREA PHASE IV, PEENYA, BANGALURU, KARNATAKA 560058
GENDER/COUNT	FEMALE/105
CO-ORDINATOR/ ACCOMPANY	Mrs.P.SANMUGAVALLI, Ms.J.HELLANPRIYA, Ms.K.DHARANIPRIYA.



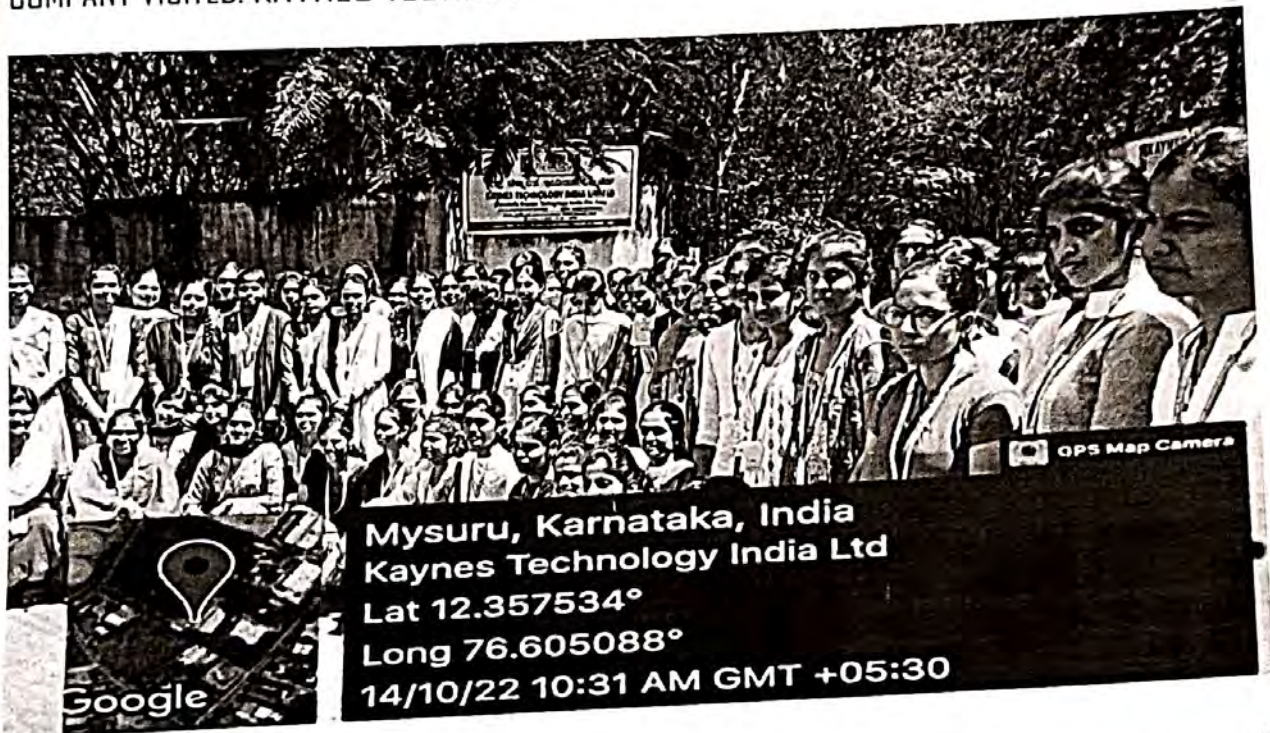
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DAY I: 14.10.2022

COMPANY VISITED: KAYNES TECHNOLOGY INDIA PVT LTD MYSURU



A complete Report based an industrial visit organized by M.Kumarasamy college of Engineering and Management especially for the students of ECE Department in order to enhance their practical knowledge in the field of Electronics and to cultivate the unity among the all variety of students.

- ECE Department had organized an industrial Visit from 14.10.2022 to 15.10.2022. We started from college campus at 9.30pm on 13.10.2022 .On first day 14.10.2022 with 105 girl students and 3 faculty members. We reached Mysuru and visiting KAYNES TECHNOLOGY INDIA PVT LTD MYSURU. There we can learn about the ongoing and future technologies like drones, control system and they have taken seminar about two hours.
- KAYNES TECHNOLOGY is a leading end to end IoT solutions company



- KAYNES have capabilities across the spectrum of ESDM services
- KAYNES provide Conceptual design , process Engineering, Integrated Manufacturing ,
- KAYENS support major roll in Automotive , industrial process Aerospace and defence
- KAYENS also support Information technology and Internet of Things and other segment

After visiting KAYENS TECHNOLOGY we had a dinner and then we stayed at green orchid resorts Mysuru.

Day 2: 24.09.2022

We started from Mysuru at 6.30 am on 15.10.2022 we reached Coorg for breakfast. We move to Purchase at Coorg

After the purchase we finished our dinner in topin town hotel.

On 16.10.2022, at 10 pm we started our journey towards our college located in Karur and reached there at 10.30 am sharply on 16.10.2022

Prepared by

Mrs.P.SANMUGAVALLI - P. Sanmugavalli
 Ms. J.HELLAN PRIYA - J. Hellan Priya
 Ms.K.DHARANIPRIYA - K. Dhara Priya

HOD

- 1) S. Reena - ECE - 'C'
- 2) S. Sanchana Sri - ECE - C
- 3) M. Praveena - ECE - C
- 4) R. Priyadharsini - ECE - C
- 5) A. Monisha - ECE - 'C'
- 6) K. Navarena - ECE - 'C'
- 7) B. Sathiyadharsini - ECE - 'C'
- 8) P. Keerthi - ECE - 'B'
- 9) V. R. Kiruthika - ECE - 'B'
- 10) S. Meena - ECE - 'B'
- 11) K. Janani - ECE - 'B'
- 12) R. Janapriya - ECE - 'B'
- 13) C. Karikashree - ECE - 'B'
- 14) G. Monika - ECE - 'B'
- 15) P. B. SWATHIKA - ECE - 'D'
- 16) B. Yuvaprabha - ECE - D
- 17) S. SHALINI - ECE - D
- 18) R. Sneha - ECE - 'D'
- 19) R. Yuvashree - ECE - 'D'
- 20) V. Sujitha - ECE - 'D'
- 21) T. Sobhya - ECE - 'D'
- 22) S. Sunmathi - ECE - 'D'
- 23) M. Yakshini - ECE - 'D'
- 24) S. Suganya Devi - ECE - D
- 25) S. Sivapriya - ECE - D.

50) Manoj. R ECE - 'B'

51) S. Dhanush. ECE - 'A'

52. Athil Abdul Rahm. M ECE - 'A'

53. Dinesh. S ECE - 'A'

54. Arun Kumar. D ECE - 'A'

55. Nikesh. S ECE - 'C'

56. Sarjaykumar. R ECE - 'C'

57. Baladeva. K - ECE - 'C'

58. J. Vishwa - ECE - 'C'

59. V. S. Poornima - ECE - 'C'



INDUSTRIAL VISIT REPORT



ACADEMIC YEAR	2022 - 2023
BATCH	2020 - 2024
YEAR/SEMESTER	THIRD/FIFTH
DURATION OF VISIT	23.09.2022 & 24.09.2022
COMPANY OF VISIT	KERALA ELECTRICAL & ALLIED ENGINEERING LTD
GENDER/COUNT	MALE/110
CO-ORDINATOR/ ACCOMPANY	Dr.R.Kalaiarasan, Dr.N.Senthilkumar, Dr.S.Vimalnath & Dr.R.Rajeshkhanna



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M.KUMARASAMY
COLLEGE OF ENGINEERING
M.K.C. Road, Mamala, Kerala - 682305
Approved by AICTE & affiliated to Anna University,
Coimbatore (2011 & 2012) & 2013 (Amended Regulation)
Thiruvananthapuram, Kerala - 619 113



D

DAY 1: 23.09.2022

COMPANY VISITED:

KERALA ELECTRICAL & ALLIED ENGINEERING LTD
MAMALA, KERALA



A complete Report based an industrial visit organized by M.Kumarasamy college of Engineering and Management especially for the students of ECE Department in order to enhance their practical knowledge in the field of Electronics and to cultivate the unity among the all variety of students.

ECE Department had organized an industrial Visit from 23.09.2022 to 24.09.2022. We started from college campus at 10.00pm on 22.09.2022. On first day 23.09.2022 with 110 students and 4 faculty members, we reached cochin and visited KEL. The company manufactures and markets products like general purpose brushless alternators, brushless alternators for lighting and air-conditioning of rail coaches, medium power and distribution transformers as well as structural steel fabrications.

The product categories for defence applications include high frequency alternators, frequency convertors, special alternators and power packs for missile projects. The power packs designed and supplied by the company for missile projects like Falcon, Prithvi, Trishul and Akash have been pioneering efforts. The company has also supplied special alternators to the Army (Military Power Cars) and Air Force (Radar Applications). There we can learn about the process of manufacturing the above said devices and they have taken seminar about one hour.

On 24.09.2022, at 9 pm we started our journey towards our college located in Karur and reached there at 06:00 am on 25.09.2022 sharply.


30/9/2022

PREPARED BY


30/9/22

APPROVED BY



KERALA ELECTRICAL & ALLIED ENGINEERING CO. LTD.

(A GOVERNMENT OF KERALA UNDERTAKING)

MAMALA P.O., KOCHI - 682 305

An ISO 9001-2015 Certified Company

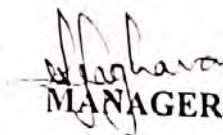
Phone 0484-2787705 / 07 / 08 / 11
Fax 91-0484-2787702
E-mail mamala@kel.co.in
CIN U31200KL 1964 SGC002062
Website www.kel.co.in

MPA/61/329H /22

23rd September, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that a batch of 110 Nos. III year BE Electronics & Communication Engineering Students & 4 Faculty Members of M.Kumarasamy College of Engineering, Thalavapalayam, Karur, Tamil Nadu have visited Mamala Unit of our Company on 23.09.2022.


MANAGER (TD-SALES)

Jeeja Raghavan

Manager (Sales TD)

Kerala Electrical & Allied Engineering Co. Ltd.

(A Govt. of Kerala Undertaking)

Mamala (P.O.), Kochi - 682 305, Kerala



Corporate Office

7th Floor, Housing Board Office Complex, Panampilly Nagar, Kochi - 682 036, India

EPABX 0484-2310012 / 13 / 14, 2318960 / 61 Fax (0484) 2310015

E-mail: info@kel.co.in Website: www.kel.co.in



KERALA ELECTRICAL & ALLIED ENGINEERING CO. LTD.

(A GOVERNMENT OF KERALA UNDERTAKING)

MAMALA P.O., KOCHI - 682 305

An ISO 9001-2015 Certified Company

Phone : 0484-2787705 / 07 / 08 / 11
Fax : 91-0484-2787702
E-mail : mamala@kel.co.in
CIN : U31200KL 1964 SGC002062
Website : www.kel.co.in

MPA/61/3241/22

21st September, 2022

The Principal,
M.Kumarasamy College of Engineering,
Thalavapalayam,
Karur,
Tamil Nadu.

Respected Sir,

Sub: Permission for Industrial Visit – Reg.

Ref: Your E-mail Dated 19.09.2022.

With reference to the above permission is granted for 110 Nos. BE Electronics & Communication Engineering Students & 4 faculty members of your college to visit our Factory at Mamala, Kochi on 23.09.2022 from 10.00 am to 11.30 am.

You are requested to remit Rs.2,000/- towards visiting fee and GST @ 18% extra (Rs.360/-).

The students may be directed to observe the rules of the Company regarding safety and conduct inside the factory premises. Photography / Videography is strictly prohibited.

Thanking you,

Yours faithfully,
For KERALA ELECTRICAL & ALLIED ENGG.CO.LTD,


DY.GENERAL MANAGER (P&A)

Corporate Office

7th Floor, Housing Board Office Complex, Panampilly Nagar, Kochi - 682 036, India
EPABX : 0484-2310012 / 13 / 14, 2318960 / 61, Fax : (0484) 2310015
E-mail : info@kel.co.in Website : www.kel.co.in

No.: 280

Dated 23-Sep-22

Kerala Electrical & Allied Engineering Co. Ltd.
(A Government of Kerala Undertaking)
Mamala.P.O,Ernakulam-682305
Ph.: 0484-2787705, 2787707, 2787708
State Name : Kerala, Code : 32
CIN: U31200KL1964SGC002062
E-Mail : mamalafinance@gmail.com

Cash Receipt Voucher

Received with thanks from : **M Kumaraswamy College of Engineering**

The sum of : **Indian Rupees Two Thousand Three
Hundred Sixty Only**

By : **Cash**

Remarks : **amt received from 110 stds of M
Kumaraswamy College of Engg agst fee
for industrial visit**



Authorised Signatory

Rs. 2,360.00/-



INDUSTRIAL VISIT REPORT



ACADEMIC YEAR	2022-2023
BATCH	2020-2024
YEAR/SEMESTER	THIRD/FIFTH
DURATION OF VISIT	23.09.2022 – 24.09.2022
COMPANY OF VISIT	KAYNES TECHNOLOGY INDIA PVT LTD MYSURU AUTOVEA METAL PLAST MYSURU
GENDER/COUNT	FEMALE/78
CO-ORDINATOR/ ACCOMPANY	Dr.V.MARISELVAM / DR.A.MURUGAN, Mrs.S.SUBASELVI, Mrs.S.VASUKI



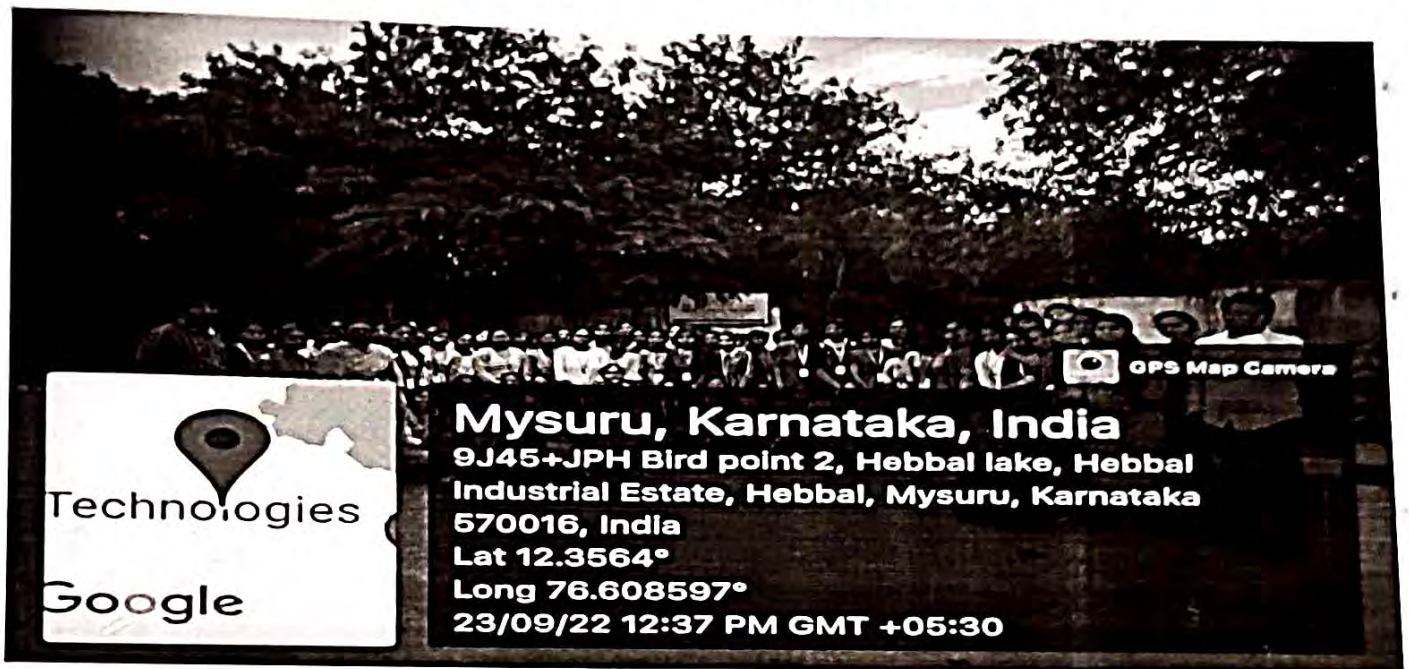
INDEX

S.NO	CONTENTS	PAGE NO
1	VISIT DETAILS	1
2	INDEX	2
3	DAY 1 : JOURNEY DETAILS	3
4	DAY 2 : JOURNEY DETAILS	5
5	CERTIFICATE	6



DAY 1: 23.09.2022

COMPANY VISITED: KAYNES TECHNOLOGY INDIA PVT LTD MYSURU



A complete Report based an industrial visit organized by M.Kumarasamy college of Engineering and Management especially for the students of ECE Department in order to enhance their practical knowledge in the field of Electronics and to cultivate the unity among the all variety of students.

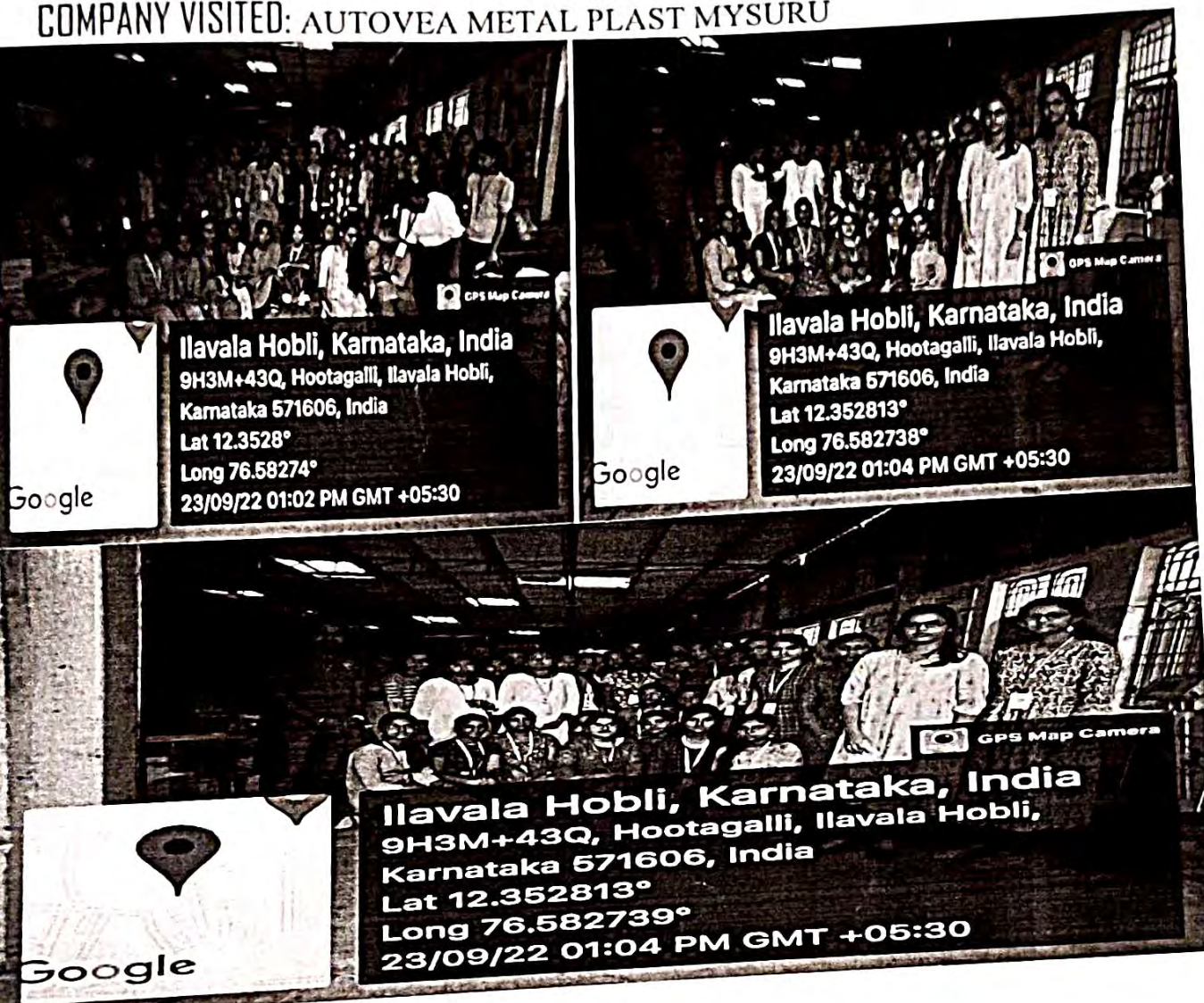
- ECE Department had organized an industrial Visit from 23.09.2022 to 24.09.2022. We started from college campus at 10.00pm on 22.09.2022 .On first day 23.09.2022 with 78 girl students and 4 faculty members. We reached Mysuru and visiting KAYNES TECHNOLOGY INDIA PVT LTD MYSURU. There we can learn about the ongoing and future technologies like drones, control system and they have taken seminar about two hours.
- KAYNES TECHNOLOGY is a leading end to end IoT solutions company
- KAYNES have capabilities across the spectrum of ESDM services
- KAYNES provide Conceptual design , process Engineering, Integrated Manufacturing ,
- KAYENS support major roll in Automotive , industrial process Aerospace and defence



- KAYENS also support Information technology and Internet of Things and other segment

After visiting this company, we went to AUTOVEA METAL PLAST MYSURU.

COMPANY VISITED: AUTOVEA METAL PLAST MYSURU



- AUTOVEA METAL PLAST is a leading metal plast located in Mysuru
- AUTOVEA METAL PLAST exports Precision sheet metal parts from Non-ferrous sheets and Ferrous sheets
- AUTOVEA METAL PLAST have facilities for pre-treatment and imparting the finish to components like Aluminium Chrome treatment for Aluminium/Plating/Powder coating
- AUTOVEA METAL PLAST cater to the sub assembly and assembly of electro-mechanical parts.



After visiting Autovea metal plast we had a dinner and then we stayed at Mysuru

Day 2 : 24.09.2022

We started from Mysuru at 5.30 am on 24.09.2022 We reached Coorg for break fast . we move to Purchase at Coorg

After the purchase we finished our dinner in nearby hotel.

On 24.09.2022, at 7 pm we started our journey towards our college located in Karur and reached there at 7.00 am sharply on 25.09.2022

Prepared by
Dr. V.Mariselvam

V.M.
26/9/22

[Signature]
HOD
26/9/22



M.KUMARASAMY

COLLEGE OF ENGINEERING

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ISO 9001:2015 & ISO 14001:2015 Certified Institution
Thalavapalayam, Karur-639 113, Tamilnadu.



AUTOVEA METALPLAST



K-64, Hootagalli Industrial Area, Mysore, Karnataka 570018
+91-821 4282124, Email info@autovea.in, Web www.autovea.in



To
The Principal
M.KUMARASAMY
College of Engineering,
Thalavapalayam,
KARUR-639113

Dear Sir / Madam,

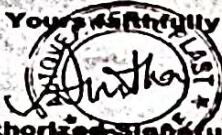
With reference to your mail, 78 Students of Electronics & Communication Engineering Students were accompanied by 04 staff to Autovea Metalplast Mysore for Industrial visit on 23/09/2022.

Regards

Authorized company

Thanking You

Place: Mysore
Date: 23.09.2022

You respectfully

Authorized signature

Manufacturers of Sheet Metal & Plastic Injection Molded Components, Plastic Bearings, Automobile Parts, Press Tools, Injection Moulds and Tool Room.

FROM

III-ECE BOYS,

M. Kumarasamy College of Engineering,
Karur.

TO

The Head of the Department,
ECE department, M. Kumarasamy College of Engineering,
Karur.

Respected sir,

As we have planned an industrial visit to
Kochi, Kerala [iROID Technologies]. In this regard,
we request you to permit us for the same.

Herewith we enclosed the detailed plan and
schedule, student willingness list with tentative
fee.

Thanking you,

Date: 06.09.2022,
Place: MKCE, Karur.

Yours faithfully,

III-ECE boys.

No of Students = 150
Willing Count = 100
non-willing Count = 50

Forwarded to HoD Sir,
1. R. Karthikeyan (R. KARTHIKEYAN)

2. Forwarded to HoD Sir,
Dr. P. Prasad (Dr. P. PRASAD)

3. MOHANRAJ S - *[Signature]*
6/9/22

[Signature]
22/9/22

4. S. Jothamani - *[Signature]*
6/9/22

5. D. JAYASEELAN - *[Signature]*

DATES : 23 and 24 September 2022.

Client Name: Kumarasamy College of Engineering, Karur

Itinerary:

Cochin – Vagamon	
Days	PLACES
00	Depart to vagamon by bus Over Night travel to vagamon
01	Arrival at vagamon Check in at hotel Proceed to Breakfast Sightseeing starts from: <ul style="list-style-type: none"> • Industrial Visit (KEL COMPANY) • Thangalpara trekking • Pine forest • Vagamon meadows • Lunch • Off road jeep safari • View points • Tunnel • Water falls • Suicide point • Campfire with DJ Proceed to Dinner Overnight stay at hotel
02	Checkout from Hotel Travel to cochin local Proceed to Breakfast Sightseeing starts from: <ul style="list-style-type: none"> • Lunch • Lulu mall • Vypin beach • Marine drive Proceed to Dinner Depart to Karur

Price Tariff	
No of Students	102 Students & 04 staff
Package Cost	Rs. 3200/- Per Head
No of Days	01 Night 02 Days
Type of Accommodation	1 Night Stay (4 Sharing Basis)
Transportation	54-Seater Non-AC Bus & 54-Seater Non-AC Bus

Package Inclusions:

- One Night stay (on 4-sharing basis)
- Entry tickets for all sightseeing
- Industrial Visit
- 06 times Foods
- Tour Manager
- Photography and Videography
- Sightseeing based on itinerary
- 54-Seater Non-AC Bus & 21-Seater Non-AC Coach van
- Toll, parking, driver beta, all applicable taxes
- Jeep safari
- Campfire

Package Exclusions:

- Other Personal Expenses
- GST 5% of Package Cost
- Extra foods not mentioned in package
- Which not mentioned in the package inclusion
- Extra Charges for which is not mentioned above the Package.
- Under unavoidable circumstances or natural calamities itineraries may be changed or reversed, however all inclusions in the itinerary will remain same



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Industrial Visit

Batch-(2020-2024)

**Industry Details: Kerala Electrical & Allied Engg. Co. Ltd,
Transformer Division - Mamala Unit.**

Faculty Details:

S.No.	Faculty Name	Mobile No.	Mail ID
1.	Dr.R.KALAYARASAN (IN-CHARGE) ✓	9600884840	kalaiarasanr.ece@mkce.ac.in
2.	Dr.S.VIMALNATH ✓	9566815222	vimalnaths.ece@mkce.ac.in
3.	Dr.N.SENTHILKUMAR ✓	8344725732	senthilkumarn.ece@mkce.ac.in
4.	Dr.R.RAJESH KANNA ✓	9159267847	rajeshkannatr.ece@mkce.ac.in

Student Details:

S.NO.	NAME OF THE STUDENT	REG. NO.	SIGNATURE
1.	ARULMOZHI . B	20BEC4009	<i>[Signature]</i>
2.	ATHISH.K.B	20BEC4014	<i>[Signature]</i>
3.	AMIRITHISVARAN.R.P	20BEC4006	<i>[Signature]</i>
4.	ABHISHEK .P	20BEC4003	<i>[Signature]</i>
5.	DHANUSHKUMAR.S	20BEC4031	<i>[Signature]</i>
6.	GOKUL.S.C	20BEC4042	<i>[Signature]</i>
7.	GOKUL.P	20BEC4041	<i>[Signature]</i>
8.	GOWSHIK.N	20BEC4046	<i>[Signature]</i>
9.	GOWTHAM.R	20BEC4049	<i>[Signature]</i>
10.	HARISH.S	20BEC4055	<i>[Signature]</i>
11.	GOPINATH.N	20BEC4043	<i>[Signature]</i>
12.	BOOPATHY.A	20BEC4024	<i>[Signature]</i>
13.	CIBI.C	20BEC4027	<i>[Signature]</i>
14.	BALA SURYA.B	20BEC4018	<i>[Signature]</i>
15.	DHARANI KUMAR.K	20BEC4032	<i>[Signature]</i>
16.	GOWRISHANKAR.G.S	20BEC4045	<i>[Signature]</i>
17.	ASWIN.S	20BEC4012	<i>[Signature]</i>



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Thalavapalayam, Karur - 639 113.



18.	ABIRAJA.B	20BEC4002	B. Arun
19.	DEEPANRAJ.P	20BEC4028	Deepanraj
20.	HARIHARAN.T	20BEC4052	Harithan
21.	DHARUN.M	20BEC4034	Dharun
22.	MOHAMMAD ASHRAF.D	20BEC4103	M. Ashraf
23.	MOHAMED MISTHAKKIM.J	20BEC4104	M. Misthakkim
24.	JAGADEESHAN.V	20BEC4058	V. Jagadeeshan
25.	JASWANT.V	20BEC4062	Jaswant
26.	JEYASURYA.T	20BEC4064	T. Jeyasurya
27.	KAVIYARASEN..B.C	20BEC4074	B.C. Kaviyarsen
28.	KAWASKAR.R	20BEC4076	R. Kawaskar
29.	KISHOR.S	20BEC4081	S. Kishor
30.	KISHOR.L	20BEC4082	L. Kishor
31.	KOWSIGAN.R	20BEC4083	R. Kowsigan
32.	KRISHNARAJ.D	20BEC4084	D. Krishnaraj
33.	KRITHICKPRIYAN.K.A	20BEC4085	A. Krithickpriyan
34.	LATHIKESH.S	20BEC4087	S. Lathikesh
35.	LOGANATH.S	20BEC4091	S. Loganath
36.	LOGESHWARAN.B	20BEC4093	B. Logeshwaran
37.	LOGESHWARAN.S	20BEC4094	S. Logeshwaran
38.	LOGESHWARAN.P	20BEC4095	P. Logeshwaran
39.	MADHAVAN.A	20BEC4097	A. Madhavan
40.	MAGESHWARAN.S.P	20BEC4099	P. Mageshwaran
41.	MANIKANDAN.M	20BEC4100	M. Manikandan
42.	MOWRIEAN.K	20BEC4108	K. Mowriean
43.	MUTHUPRAKASH.A	20BEC4109	A. Muthuprakash
44.	NACHIMUTHU.J	20BEC4110	J. Nachimuthu
45.	NANDHEESWARAN.S	20BEC4113	S. Nandheeswaran
46.	NAGARAJE	20BEC4111	E. Nagaraje
47.	KIRUBAKARAN.R	20BEC4079	R. Kirubakaran
48.	KAVIN.S	20BEC4071	S. Kavin
49.	KARTHICK.R	20BEC4070	R. Karthick
50.	LOGESHKUMAR.S	20BEC4096	S. Logeshkumar
51.	HALDO.J	20BEC4313	J. Haldo



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Thalavapalayam, Karur - 639 113.



52.	SABARI.M	20BEC4157	Sabari.M
53.	NIRVIN CHANDAR R	20BEC4123	Nirvin
54.	PRANAVKIRUTHICK.K.K	20BEC4131	Pranav
55.	PRASENNA.R	20BEC4132	Prasenna
56.	PRASANTH.D	20BEC4134	Prasanth.D
57.	RAJA.K	20BEC4143	Raja
58.	RAMESH.M	20BEC4145	Ramesh
59.	RITHICK.R	20BEC4150	Rithick
60.	RITHICK.V.S	20BEC4151	Rithick.V.S
61.	SABAREESH.R	20BEC4156	Sabareesh.R
62.	SACHIN.D	20BEC4160	Sachin
63.	SAKTHIVEL,K	20BEC4162	Sakthivel.K
64.	SANTHOSH.M	20BEC4166	Santhosh
65.	SANTHOSHKUMAR.R.P	20BEC4167	Santhosh
66.	SARAN.V	20BEC4168	Saran.V
67.	SASITH.N	20BEC4169	Sasith
68.	SRISUNDHAR.V.B	20BEC4303	Srisundhar.V
69.	NAVEEN.V	20BEC4120	Naveen.V
70.	PRAVEEN.S	20BEC4139	Praveen.S
71.	PRADEEP.P	20BEC4130	Pradeep.P
72.	ROOBESH.K.S	20BEC4154	Roobesh
73.	PRAVEEN.N	20BEC4137	Praveen
74.	TARUN.S.K	20BEC4200	Tarun
75.	SATHISHKUMAR.K	20BEC4171	Sathish
76.	SRITHAR.T	20BEC4182	Srithar
77.	SRITHAR.T.R	20BEC4183	Srithar
78.	SRIVISHNU.P	20BEC4185	P.Srividya
79.	SUDHARSAN.Y	20BEC4188	Sudharsan
80.	SUKEENDHAR.G	20BEC4191	G.Sudh
81.	SUKUL.S	20BEC4192	Sukul
82.	SUHASHRAJ.V	20BEC4195	Suhashraj.V
83.	SURESHKUMAR.K.R	20BEC4193	Suresh
84.	TAMILSELVAN.M	20BEC4199	Tamil
85.	THARSAN NISOK.R	20BEC4202	Tharsan



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Thalavapalayam, Karur - 639 113.



86.	THARUN.S	20BEC4203	
87.	THINESHKUMAR.G	20BEC4204	
88.	VENKATESH.I	20BEC4212	J. Venkatesh
89.	VIGNESH.R	20BEC4213	Vignesh R
90.	VIGNESH.S	20BEC4214	Vignesh
91.	VIGNESHWARAN.S	20BEC4215	Vignesh
92.	VIGNESHWARAN.S	20BEC4216	Vignesh
93.	VIJAYARAGAVAN.T	20BEC4217	Vijay T
94.	VIKRAM.R.N	20BEC4218	Vikram R N
95.	VINOTHKUMAR.J	20BEC4221	Vinod
96.	VISHWA .S	20BEC4222	Vishwas
97.	SURYA.S	20BEC4194	Surya
98.	MOKITH.K	20BEC4307	Mokith
99.	KARTHIK PRASATH M	20BEC4069	Karthik Prasad
100.	HARISH M	20BEC4054	M. Harish
101.	AKHILAAN K R	20BEC4005	K. R. Akhil
102.	JANAKAN D	20BEC4059	Janaka D
103.	MOHAN RAM . S	20BEC4105	Mohan
104.	SRIVARSHAN	20BEC4314	Sri Varshan
105.	AHMAD MUSHTHAFA.M	20BEC4004	Ahmed

1. R. Karthikeyan
20/9/22

2. S. Dhanasekaran
20/9/22

3. S. S. Srinivasan
20/9/22

4. N. S. Srinivasan
20/9/22
In Charge

[Signature]
20/9/22
Coordinator

[Signature]
20/9/22
HoD/ECE



From:

III - Year Boys (Dayschollars)

ECE

MKCE

Karur.

To :

The Head of the Department

ECE

MKCE

Karur.

Respected sir;

Sub: Permission to stay in Hostel req.

As we are going for Industrial visit.

Kindly permit us to stay in hostel, if we return
in the late night on (24-09-2022) Saturday.

No. of Students: 68

Thank you

Your's faithfully

Forwarded to HOD sir,
P. K. J. [Signature]
22/9/22

[Signature]
22/9/22

III-Year Boys

(Dayschollars)

From :

III - Year Boys (Hostellers),

ECE

M. Kumarasamy college of engineering,
Karur.

To :

The Head of the Department

ECE

MKCE

Karur.

Respected sir,

sub : Permission for outpass req.

As we are going for Industrial Visit on

today evening - so, kindly permit our outpass from

(22-09-2022) - 4:40 PM to (26-09-2022) - 8:00 AM only.

so, we request you to permit our outpass.

Thank you

33 boys

Your's faithfully,

III - Year Boys
(Hostellers).

Forwarded to IY etc,
R.10
22/9/2022

22/9/2022
DJAYASEELAN.

789
22/9/2022

1. Arulmozhi .B (20BEC4009) ✓
2. Athish .K.B (20BEC4014) ✓
3. Amirthiswaran .R.P (20BEC4006) ✓
4. Abishek .P (20BEC4003) ✓
5. Gootham .R (20BEC4049) ✓
6. Dharanikumar .K (20BEC4032) ✓
7. Abiraja .B (20BEC4002) ✓
8. Deepanraj .P (20BEC4028) ✓
9. Jayasusya .T (20BEC4064) ✓
10. Kawaskar .R (20BEC4076) ✓
11. Krishnaraj .D (20BEC4084) ✓
12. Krithick Priyan .K.A (20BEC4085) ✓
13. Madhavan .A (20BEC4097) ✓
14. Gokul .P (20BEC4041)
15. Akhilaan .K.R (20BEC4005) ✓
16. Mageshwaran .S.P (20BEC4099) ✓
17. Manikandan .M (20BEC4100) ✓
18. Muthuprakash .A (20BEC4109)
19. Nandheeswaran .S (20BEC4113) ✓
20. Haldo .J (20BEC4313) ✓
21. ~~Prasanna .R~~ Prasanna Kumar .R (20BEC4132) ✓
22. Rithick .R (20BEC4150) ✓
23. Sakthivel .K (20BEC4162) ✓
24. Santhoshkumar .R.P (20BEC4167) ✓

25. Santhosh . M (20BEC4166) ✓
26. Srivishnu . P (20BEC4185) ✓
27. Sukeendhar . G (20BEC4191) ✓
28. Venkatesh . I (20BEC4212) ✓
29. Vignesh . R (20BEC4213) ✓
30. Vignesh . S (20BEC4214) ✓
31. Logeshkumar . S (20BEC4096) ✓
32. Janakan . (20BEC4059) ✓
33. Mohan Ram . S (20BEC4105) ✓
34. Srivarshan (20BEC4314) ✓
35. Gowrishanker . G (20BEC4045) ✓

From :

III - Year Boys (Dayschollars)

ECE

MKCE

Karur

To :

The Head of the Department

ECE

MKCE

Karur

Respected sir,

sub: Permission to refresh in Hostel req.

As we are going for Industrial visit. kindly permit

us to refresh in hostel for today evening (22-09-2022).

kindly permit us to hostel.

Thank you

No. of students - 11

Forwarded to HOD's sir,
R.K. 22/9/22

22/9/22

Yours faithfully

III - Year Boys ECE
(Dayschollars)