

(Approved by AICTE, Affiliated to MGU / APJ Abdul Kalam Technological University, NAAC Accredited & ISO Certified Institution)

1.3.2.1. Number of courses that include experiential learning through project work/field work/internship- 2019-20

Sl No	Name of the course	No of students	Department	Date	Year	Duration
1	Advanced Energy Engineering	12	ME	3 January	2019-20	6 months
2	Metrology and Instrumentation	27	ME	3 January	2019-20	6 months
3	Non-Destructive Testing	2	ME	3 January	2019-20	6 months
4	Organizational Behaviour	1	ME	3 January	2019-20	6 months
5	Thermodynamics	44	ME	3 January	2019-20	6 months
6	Total Quality Management	2	ME	3 January	2019-20	6 months
7	Vector Calculus, Differential	8	ME	3 January	2019-20	6 months
8	Electrical Machines Lab 1	2	ME	3 January	2019-20	6 months
9	Electrical Machines Lab I	1	ME	3 January	2019-20	6 months
10	Electrical Machines Lab II	21	ME	3 January	2019-20	6 months
11	Measurements And Instrumentation	5	ME	3 January	2019-20	6 months
12	Microprocessor and Embedded Systems	5	ME	3 January	2019-20	6 months
13	Mini Project	6	ME	3 January	2019-20	6 months
14	Power System Dynamics and Stability	13	ME	3 January	2019-20	6 months
15	Power system Lab	13	ME	3 January	2019-20	6 months
16	Power System Operation and Control	14	ME	3 January	2019-20	6 months
17	Power System Operation and Control	2	ME	3 January	2019-20	6 months
18	Power System Operation and Control	2	ME	3 January	2019-20	6 months
19	Project Phase 1	2	ME	3 January	2019-20	6 months
20	Renewable Energy Systems	1	ME	3 January	2019-20	6 months
21	Research Methodology	20	ME	3 January	2019-20	6 months
22	Seminar - I	2	ME	3 January	2019-20	6 months
23	Seminar & Project Preliminary	1	ME	3 January	2019-20	6 months
24	Signals and Systems	2	ME	3 January	2019-20	6 months
25	Special Electric Machines	1	ME	3 January	2019-20	6 months
26	Switched Mode Power Converters	3	ME	3 January	2019-20	6 months
27	Systems and Control Lab	24	ME	3 January	2019-20	6 months
28	Manufacturing Technology Lab I	6	ME	3 January	2019-20	6 months
29	Manufacturing Technology Lab II	0	ME	3 January	2019-20	6 months
30	Marketing Management	9	ME	3 January	2019-20	6 months
31	Material Handling & Facilities Planning	22	ME	3 January	2019-20	6 months
32	Material Testing Lab	5	ME	3 January	2019-20	6 months
33	Materials & Supply Chain Management	1	ME	3 January	2019-20	6 months
34	Mechanical Engineering Lab	1	ME	3 January	2019-20	6 months
35	Mechanics of Fluids	1	ME	3 January	2019-20	6 months
36	Mechanics of Machinery	14	ME	3 January	2019-20	6 months
37	Mechanics of Solids	2	ME	3 January	2019-20	6 months
38	Mechatronics	13	ME	3 January	2019-20	6 months
39	Metallurgy and Materials Engineering	2	ME	3 January	2019-20	6 months
40	Metrology and Instrumentation		ME	3 January	2019-20	6 months
41	Non-Destructive Testing	6	ME	3 January	2019-20	6 months
42	Organizational Behaviour	1	ME	3 January	2019-20	6 months
43	Practical Project Management	1	ME	3 January	2019-20	6 months
44	Principles of Management	6	ME	3 January	2019-20	6 months

	Probability Distributions, Transforms and Numerical Methods	6				
45			ME	3 January	2019-20	6 months
46	Professional Communication	2	ME	3 January	2019-20	6 months
47	Programming in C	2	ME	3 January	2019-20	6 months
48	Project	57	ME	3 January	2019-20	6 months
49	Project (Phase 1)	1	ME	3 January	2019-20	6 months
50	Project (Phase 2)	1	ME	3 January	2019-20	6 months
51	Quality Management	1	ME	3 January	2019-20	6 months
52	Quantitative Techniques	1	ME	3 January	2019-20	6 months
53	Refrigeration & Air Conditioning	13	ME	3 January	2019-20	6 months
54	Seminar and Project Preliminary	74	ME	3 January	2019-20	6 months
55	Thermal Engineering	2	ME	3 January	2019-20	6 months
56	Thermal Engineering Lab	4	ME	3 January	2019-20	6 months
57	Thermodynamics	6	ME	3 January	2019-20	6 months
58	Total Quality Management	1	ME	3 January	2019-20	6 months
59	Vector Calculus, Differential Equations and Transforms	2	ME	3 January	2019-20	6 months
60	Computer Programming Count	4	EEE	3 January	2019-20	6 months
61	DC Machines and Transformers Count	1	EEE	3 January	2019-20	6 months
62	Power Quality Count	2	EEE	3 January	2019-20	6 months
63	Advanced Control Theory Count	4	EEE	3 January	2019-20	6 months
64	Applications of Special Electrical Machines Count	2	EEE	3 January	2019-20	6 months
65	Basics of Electrical & Electronics Engineering Count	12	EEE	3 January	2019-20	6 months
66	Circuits & Networks Count	5	EEE	3 January	2019-20	6 months
67	Circuits and Measurements Lab Count	11	EEE	3 January	2019-20	6 months
68	Computer Applications in Power Systems Count	2	EEE	3 January	2019-20	6 months
69	Computer Networks Count	7	EEE	3 January	2019-20	6 months
70	Computer Programming Lab Count	43	EEE	3 January	2019-20	6 months
71	DC Machines & Transformers Count	2	EEE	3 January	2019-20	6 months
72	Design Project Count	41	EEE	3 January	2019-20	6 months
73	Digital Electronics And Logic Design Count	4	EEE	3 January	2019-20	6 months
74	Digital Signal Processing Count	2	EEE	3 January	2019-20	6 months
75	Distributed generation and smart grids Count	1	EEE	3 January	2019-20	6 months
76	Elective - I Electric Drive Systems Count	2	EEE	3 January	2019-20	6 months
77	Electric Drives Count	12	EEE	3 January	2019-20	6 months
78	Electrical Machine Design Count	2	EEE	3 January	2019-20	6 months
79	Electrical Machines Lab I Count	2	EEE	3 January	2019-20	6 months
80	Electrical Machines Lab I Count	4	EEE	3 January	2019-20	6 months
81	Electrical Machines Lab II Count	2	EEE	3 January	2019-20	6 months
82	Electrical system design Count	7	EEE	3 January	2019-20	6 months
83	Electronic Circuits Lab Count	5	EEE	3 January	2019-20	6 months
84	Electronic communication Count	11	EEE	3 January	2019-20	6 months
85	Embedded Controllers for Power Convertors Count	4	EEE	3 January	2019-20	6 months
86	Engineering Physics Lab Count	43	EEE	3 January	2019-20	6 months
87	Facts & Power Quality Count	2	EEE	3 January	2019-20	6 months
88	High Voltage DC Transmission Count	2	EEE	3 January	2019-20	6 months
89	Industrial Control Electronics Count	2	EEE	3 January	2019-20	6 months
90	Industrial Instrumentation & Automation Count	2	EEE	3 January	2019-20	6 months

91	Industrial Training Count	2	EEE	3 January	2019-20	6 months
92	Linear Control Systems Count	9	EEE	3 January	2019-20	6 months
93	Main Project Count	45	EEE	3 January	2019-20	6 months
94	Material Science Count	53	EEE	3 January	2019-20	6 months
95	Measurements And Instrumentation Count	22	EEE	3 January	2019-20	6 months
96	Microprocessor and Embedded Systems Count	12	EEE	3 January	2019-20	6 months
97	Mini Project Count	2	EEE	3 January	2019-20	6 months
98	Modelling and Analysis of Electrical Machines Count	2	EEE	3 January	2019-20	6 months
99	New and Renewable Energy Systems Count	8	EEE	3 January	2019-20	6 months
100	Optimization Techniques for Engineering Applications Count	2	EEE	3 January	2019-20	6 months
101	Power Electronic Devices & Circuits Count	4	EEE	3 January	2019-20	6 months
102	Power Electronics Count	4	EEE	3 January	2019-20	6 months
103	Power Electronics and Drives Lab Count	8	EEE	3 January	2019-20	6 months
104	Power Electronics Lab Count	2	EEE	3 January	2019-20	6 months
105	Power Generation, Transmission and Protection Count	26	EEE	3 January	2019-20	6 months
106	Power System Analysis Count	5	EEE	3 January	2019-20	6 months
107	Power System Dynamics and Stability Count	2	EEE	3 January	2019-20	6 months
108	Power system Lab Count	2	EEE	3 January	2019-20	6 months
109	Power System Operation and Control Count	2	EEE	3 January	2019-20	6 months
110	Power System Operation and Control Count	2	EEE	3 January	2019-20	6 months
111	Power System Operation and Control Count	2	EEE	3 January	2019-20	6 months
112	Project Phase 1 Count	2	EEE	3 January	2019-20	6 months
113	Renewable Energy Systems Count	2	EEE	3 January	2019-20	6 months
114	Research Methodology Count	2	EEE	3 January	2019-20	6 months
115	Seminar - I Count	2	EEE	3 January	2019-20	6 months
116	Seminar & Project Preliminary Count	43	EEE	3 January	2019-20	6 months
117	Signals and Systems Count	4	EEE	3 January	2019-20	6 months
118	Special Electric Machines Count	2	EEE	3 January	2019-20	6 months
119	Switched Mode Power Converters Count	4	EEE	3 January	2019-20	6 months
120	Systems and Control Lab Count	4	EEE	3 January	2019-20	6 months
121	Computational Intelligence	2	CSE	3 January	2019-20	6 months
122	Advanced Computing Lab	1	CSE	3 January	2019-20	6 months
123	advanced database management	2	CSE	3 January	2019-20	6 months
124	Analog Communication	4	CSE	3 January	2019-20	6 months
125	Application Software development Lab	6	CSE	3 January	2019-20	6 months
126	Artificial Intelligence	16	CSE	3 January	2019-20	6 months
127	Artificial Intelligence	16	CSE	3 January	2019-20	6 months
128	Automata Theory and Computability	2	CSE	3 January	2019-20	6 months
129	Basics of Robotics	4	CSE	3 January	2019-20	6 months
130	BASICS OF ELECTRICAL & ELECTRONICS ENGINEERING	3	CSE	3 January	2019-20	6 months
131	Bio Informatics	4	CSE	3 January	2019-20	6 months
132	Bioinformatics	1	CSE	3 January	2019-20	6 months
133	Biomedical Engineering	4	CSE	3 January	2019-20	6 months
134	Compiler design	4	CSE	3 January	2019-20	6 months

135	Computer Graphics and Image Processing	1	CSE	3 January	2019-20	6 months
136	Computer Networks	4	CSE	3 January	2019-20	6 months
137	COMPUTER ORGANIZATION AND ARCHITECTURE	3	CSE	3 January	2019-20	6 months
138	Computer security and applied cryptography	2	CSE	3 January	2019-20	6 months
139	Computer System Architecture	4	CSE	3 January	2019-20	6 months
140	Cryptography and network Security	4	CSE	3 January	2019-20	6 months
141	data communication	4	CSE	3 January	2019-20	6 months
142	data mining and data wearhousing	3	CSE	3 January	2019-20	6 months
143	Data Structures	4	CSE	3 January	2019-20	6 months
144	Data Structures Lab	4	CSE	3 January	2019-20	6 months
145	DESIGN & ENGINEERING	4	CSE	3 January	2019-20	6 months
146	Design analysis of algorithms	4	CSE	3 January	2019-20	6 months
147	Design Project	49	CSE	3 January	2019-20	6 months
148	DIGITAL LAB	4	CSE	3 January	2019-20	6 months
149	Diigital Communication	2	CSE	3 January	2019-20	6 months
150	Distributed Computing	4	CSE	3 January	2019-20	6 months
151	Distributed Computing Systems	1	CSE	3 January	2019-20	6 months
152	Embedded System	7	CSE	3 January	2019-20	6 months
153	Foundations Of Security In Computing	1	CSE	3 January	2019-20	6 months
154	Free and Open source software lab	4	CSE	3 January	2019-20	6 months
155	Fuzzy set theory and applications	8	CSE	3 January	2019-20	6 months
156	Graph Theory and Combinatorics	4	CSE	3 January	2019-20	6 months
157	Introduction to Industrial Automation	3	CSE	3 January	2019-20	6 months
158	Machine Learning	26	CSE	3 January	2019-20	6 months
159	Microprocessor Lab	4	CSE	3 January	2019-20	6 months
160	Microprocessors and microcontrollers	4	CSE	3 January	2019-20	6 months
161	Mini Project	2	CSE	3 January	2019-20	6 months
162	modern Computer Networks	2	CSE	3 January	2019-20	6 months
163	Network Programming Lab	4	CSE	3 January	2019-20	6 months
164	Network Simulation Lab	1	CSE	3 January	2019-20	6 months
165	Object Oriented Concepts	14	CSE	3 January	2019-20	6 months
166	Object Oriented design and Programming	3	CSE	3 January	2019-20	6 months
167	Object Oriented Programming	12	CSE	3 January	2019-20	6 months
168	Object Oriented Programming Lab in Java	4	CSE	3 January	2019-20	6 months
169	Operating System Design Concepts	1	CSE	3 January	2019-20	6 months
170	Operating Systems	1	CSE	3 January	2019-20	6 months
171	Principles of database design	7	CSE	3 January	2019-20	6 months
172	Principles of information Security	7	CSE	3 January	2019-20	6 months
173	Programming in C	15	CSE	3 January	2019-20	6 months
174	Programming Paradigm	4	CSE	3 January	2019-20	6 months
175	Seminar & Project Preliminary	130	CSE	3 January	2019-20	6 months
176	Social Network Analytics	1	CSE	3 January	2019-20	6 months
177	Soft computing	4	CSE	3 January	2019-20	6 months
178	Software engineering and Project Management	11	CSE	3 January	2019-20	6 months
179	Switching Theory and Logic Design	4	CSE	3 January	2019-20	6 months
180	System Software	4	CSE	3 January	2019-20	6 months
181	System Software Lab	4	CSE	3 January	2019-20	6 months

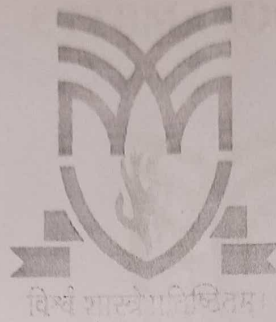
182	Theory of Computation	4	CSE	3 January	2019-20	6 months
183	web security	2	CSE	3 January	2019-20	6 months
184	Web Technologies	16	CSE	3 January	2019-20	6 months
185	Wireless Sensor Networks	2	CSE	3 January	2019-20	6 months
	Advanced Communication Systems	13				
186	ANALOG COMMUNICATION	7	ECE	3 January	2019-20	6 months
187	ENGINEERING ANALOG INTEGRATED CIRCUITS	6	ECE	3 January	2019-20	6 months
188	ANALOG INTEGRATED CIRCUITS LAB	8	ECE	3 January	2019-20	6 months
189	ANTENNA & WAVE PROPAGATION	7	ECE	3 January	2019-20	6 months
190	Applied Electromagnetic Theory	6	ECE	3 January	2019-20	6 months
191	BASICS OF ELECTRICAL & ELECTRONICS ENGINEERING	6	ECE	3 January	2019-20	6 months
192	Biomedical Engineering	11	ECE	3 January	2019-20	6 months
193	BUSINESS ECONOMICS	7	ECE	3 January	2019-20	6 months
194	Communication Systems Lab	8	ECE	3 January	2019-20	6 months
195	Computer Communication	9	ECE	3 January	2019-20	6 months
196	COMPUTER ORGANIZATION	8	ECE	3 January	2019-20	6 months
197	Control Systems	8	ECE	3 January	2019-20	6 months
198	DESIGN PROJECT	47	ECE	3 January	2019-20	6 months
199	DIGITAL COMMUNICATION	11	ECE	3 January	2019-20	6 months
200	Digital Signal Processing	6	ECE	3 January	2019-20	6 months
201	Digital Signal Processing Lab	6	ECE	3 January	2019-20	6 months
202	ELECTICAL & ELECTRONICS WORKSHOP	5	ECE	3 January	2019-20	6 months
203	LIFE SKILLS PROFESSIONAL COMMUNICATION	5	ECE	3 January	2019-20	6 months
204	BUSINESS ECONOMICS	6	ECE	3 January	2019-20	6 months
205	ELECTRONIC CIRCUITS	11	ECE	3 January	2019-20	6 months
206	EMBEDDED SYSTEM	22	ECE	3 January	2019-20	6 months
207	ENGINEERING CHEMISTRY	8	ECE	3 January	2019-20	6 months
208	ENGINEERING GRAPHICS	3	ECE	3 January	2019-20	6 months
209	ENGINEERING MECHANICS	7	ECE	3 January	2019-20	6 months
210	ENGINEERING PHYSICS	4	ECE	3 January	2019-20	6 months
211	Information Theory & Coding	11	ECE	3 January	2019-20	6 months
212	LINEAR ALGEBRA & COMPLEX ANALYSIS	4	ECE	3 January	2019-20	6 months
213	LOGIC CIRCUIT DESIGN	11	ECE	3 January	2019-20	6 months
214	LOW POWER VLSI DESIGN	10	ECE	3 January	2019-20	6 months
215	MICROCONTROLLER LAB	8	ECE	3 January	2019-20	6 months
216	Microprocessors and Microcontrollers	7	ECE	3 January	2019-20	6 months
217	OBJECT ORIENTED PROGRAMMING	18	ECE	3 January	2019-20	6 months
218	Optical Communication	10	ECE	3 January	2019-20	6 months
219	PROGRAMMING IN C	8	ECE	3 January	2019-20	6 months
220	PROJECT	70	ECE	3 January	2019-20	6 months
221	PROJECT PRELIMINARY	70	ECE	3 January	2019-20	6 months
222	REAL TIME OPERATING SYSTEMS	15	ECE	3 January	2019-20	6 months
223	SIGNALS & SYSTEMS	7	ECE	3 January	2019-20	6 months
224	SOLID STATE DEVICES	6	ECE	3 January	2019-20	6 months
225	VLSI	11	ECE	3 January	2019-20	6 months
226	PROJECT (PHASE I)	2	ECE	3 January	2019-20	6 months
227	PROJECT (PHASE II)	2	ECE	3 January	2019-20	6 months
228	Analytical methods in Engineering	4	ECE	3 January	2019-20	6 months
229	Civil Engineering Drafting Lab	8	CE	3 January	2019-20	6 months

234	Industrial Training	1	CE	3 January	2019-20	6 months
235	Project Phase I	4	CE	3 January	2019-20	6 months
236	Project Phase II	4	CE	3 January	2019-20	6 months
237	Theory of Elasticity	4	CE	3 January	2019-20	6 months
238	Advanced concrete technology	19	CE	3 January	2019-20	6 months
239	Advanced design of concrete Structures	4	CE	3 January	2019-20	6 months
240	Civil Engineering drafting lab	9	CE	3 January	2019-20	6 months
241	CIVIL ENGINEERING PROJECT MANAGEMENT	7	CE	3 January	2019-20	6 months
242	Computer Aided Civil Engineering Lab	28	CE	3 January	2019-20	6 months
243	Computer Application Lab	4	CE	3 January	2019-20	6 months
244	COMPUTER PROGRAMMING AND COMPUTATIONAL TECHNIQUES	6	CE	3 January	2019-20	6 months
245	Construction Technology	31	CE	3 January	2019-20	6 months
246	design of concrete structures	3	CE	3 January	2019-20	6 months
247	design of concrete structures I	4	CE	3 January	2019-20	6 months
248	design of concrete structures II	4	CE	3 January	2019-20	6 months
249	Design of hydraulic structures	5	CE	3 January	2019-20	6 months
250	design of steel structures	8	CE	3 January	2019-20	6 months
251	Design Project	91	CE	3 January	2019-20	6 months
252	Environment & Pollution	8	CE	3 January	2019-20	6 months
253	Environmental Engineering I	30	CE	3 January	2019-20	6 months
254	Environmental Engineering II	8	CE	3 January	2019-20	6 months
255	Environmental Engineering Lab	20	CE	3 January	2019-20	6 months
256	Environmental Impact Assessment environmental impact assessment	4	CE	3 January	2019-20	6 months
257	Geo environmental engineering	20	CE	3 January	2019-20	6 months
258	Geomatics	4	CE	3 January	2019-20	6 months
259	geotechnical engineering I	12	CE	3 January	2019-20	6 months
260	geotechnical engineering II	15	CE	3 January	2019-20	6 months
261	geotechnical engineering lab	20	CE	3 January	2019-20	6 months
262	Ground improvement techniques	8	CE	3 January	2019-20	6 months
263	Material testing lab	14	CE	3 January	2019-20	6 months
264	Material testing lab II	6	CE	3 January	2019-20	6 months
266	Mechanics of solids	9	CE	3 January	2019-20	6 months
267	Mini Project	4	CE	3 January	2019-20	6 months
268	municipal solid waste management Project	4	CE	3 January	2019-20	6 months
269	Quantity Surveying and Valuation Seminar & Project Preliminary SEMINAR II	53	CE	3 January	2019-20	6 months
270	Structural Analysis I	9	CE	3 January	2019-20	6 months
271	Structural Analysis II	123	CE	3 January	2019-20	6 months
272	Structural Analysis III	3	CE	3 January	2019-20	6 months
273	Structural Analysis I	19	CE	3 January	2019-20	6 months
274	Structural Analysis II	8	CE	3 January	2019-20	6 months
275	Structural Analysis III	9	CE	3 January	2019-20	6 months
276	Structural Dynamics	4	CE	3 January	2019-20	6 months
277	Survey lab	9	CE	3 January	2019-20	6 months
278	Surveying	5	CE	3 January	2019-20	6 months
279	Traffic Engineering and Management	16	CE	3 January	2019-20	6 months
280	Transportation engineering I	31	CE	3 January	2019-20	6 months
281	Transportation engineering II	22	CE	3 January	2019-20	6 months
282	Transportation engineering lab	16	CE	3 January	2019-20	6 months
283	water resource engineering	8	CE	3 January	2019-20	6 months
284	Brand Management	7	MBA	3 January	2019-20	6months
285	Business Research Methods	42	MBA	3 January	2019-20	6 months
286	Business & Society	10	MBA	3 January	2019-20	6 months

287	Business Intelligence and data warehousing	1	MBA	3 January	2019-20	6 months
288	Business Research Methods	43	MBA	3 January	2019-20	6 months
289	Commercial banking system	9	MBA	3 January	2019-20	6 months
290	compensation management	12	MBA	3 January	2019-20	6 months
291	Comprehensive project	85	MBA	3 January	2019-20	6 months
292	Cost ac ing and budget control	10	MBA	3 January	2019-20	6 months
293	Entrepreneurship	22	MBA	3 January	2019-20	6 months
294	Financial management 1	15	MBA	3 January	2019-20	6 months
295	Industrial relation and labour law	13	MBA	3 January	2019-20	6 months
296	Interational Marketing	1	MBA	3 January	2019-20	6 months
297	International Marketing	4	MBA	3 January	2019-20	6 months
298	Internship	170	MBA	3 January	2019-20	6 months
299	leadership Influence & Power	12	MBA	3 January	2019-20	6 months
300	Marketing Management 1	20	MBA	3 January	2019-20	6 months
301	NBFCs & Micro Finance	13	MBA	3 January	2019-20	6 months
302	Operations management	15	MBA	3 January	2019-20	6 months
303	Organizational Behaviour 2	25	MBA	3 January	2019-20	6 months
304	Services Marketing	3	MBA	3 January	2019-20	6 months


 PRINCIPAL
 MANGALAM COLLEGE OF ENGINEERING
 Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



CERTIFICATE

This is to certify that the Project report entitled "**STRUCTURAL & THERMAL ANALYSIS OF GAS TURBINE BLADE BY USING ANSYS**" is the bonafide record of the Project presented by **Mr. HISHAM HASSAN, JITHIN JOSE, JITHIN ANTONY, JERRIN VALLIYAKARA JOHN** of **MECHANICAL ENGINEERING** towards the partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** by the **Mahatma Gandhi University**.

PROJECT GUIDE

Mr. BENPHIL C MATHEW

PROJECT COORDINATOR

Mr. RAJEEV K MOHAN

HEAD OF THE DEPARTMENT

DR. NIDHISH MATHEW NIDHIRY

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



CERTIFICATE

This is to certify that the Project report entitled "Enhancing Performance Of SI Engine Using Peltier Effect Fuel Pre-Heating System Along With Exhaust Gas Heat Recovery System" is the bonafide record of the project presented by Kiran Baby, Muhammed Yoonus, Vishnu K B, Sreekanth R of MECHANICAL ENGINEERING towards the partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.

INTERNAL GUIDE

Assistant Prof. Prakash.T

PROJECT COORDINATOR

Prof. Dr. Nidhish Mathew Nidhiry

HOD

Prof. Dr. Nidhish Mathew Nidhiry

DEPARTMENT OF MECHANICAL ENGINEERING

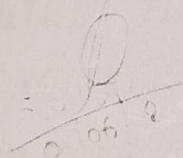
MANGALAM COLLEGE OF ENGINEERING

ETTUMANOOR




CERTIFICATE

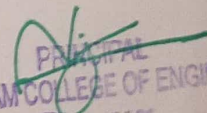
This is to certify that the Project report entitled "WATER TANK CLEANING MACHINE" is the bonafide record of the project presented by Mr. Sanjeev.S, Mr.Shine Stephen, Mr.Toby Jacob, Mr. Jouel Jacob Chacko of MECHANICAL ENGINEERING towards the partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.


INTERNAL GUIDE

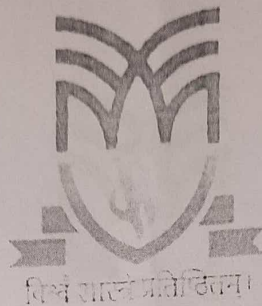
Asst: prof. Subin George Mathew


HOD&PROJECT COORDINATOR

Prof. Dr. Nidhish Mathew Nidhiry


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



CERTIFICATE

This is to certify that the project report entitled "EXPERIMENTAL ANALYSIS OF A CYLINDRICAL HEAT PIPE UNDER VARYING CONDITIONS" is the bonafide record of the project presented by Mr. K P PREMJI, Mr. JOSIN T D, Mr. JITHU THOMAS, Mr. MANU JACOB of MECHANICAL ENGINEERING towards the partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.

INTERNAL GUIDE
Mr. Benphil C Mathew
Assistant Professor

HOD & SEMINAR COORDINATOR

Dr. Nidhish Mathew Nidhiry
Professor & Dean

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



CERTIFICATE

This is to certify that the Project report entitled "HYDRO CLIMATIZATION MACHINE" is the bonafide record of the project presented by Mr. ALIN MATHEW, AKHIL KRISHNA, AMALJITH A & HARIKRISHNAN R of MECHANICAL ENGINEERING towards the partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.

INTERNAL GUIDE

Mr. Binny Kuriakose

PROJECT COORDINATOR

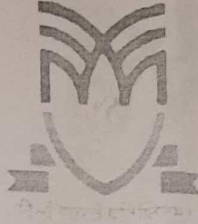
Mr. Rajeev K Mohan

HOD&DEAN

Dr. Nidhish Mathew Nidhiry


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MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR, KOTTAYAM



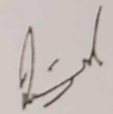
CERTIFICATE

This is to certify that the project report entitled "DESIGN AND FABRICATION OF WALKING CHAIR" by S K SHREEKUMAR, SALBIN SABU, MARTIN P MATHEW, TOM CHACKO submitted towards partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Mechanical Engineering of Mahatma Gandhi University, Kottayam is a bonafide record of work carried out by us during the academic year 2017-2018.

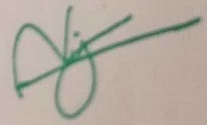

Project Guide

Mr. Manoj Balu

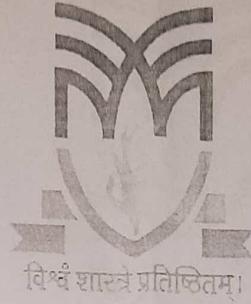
Assistant Professor


Head of the Department

Dr. Nidhish Mathew Nidhiry

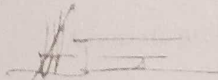

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MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR




CERTIFICATE

This is to certify that the project report entitled "**VOICE CONTROL CLEANING MACHINE**" is the bonafide record of the project presented by **Mr. AMAL SHAJI, ARJUN P SALIM, ABOT SAJAN JACOB, HARIKRISHNAN N** of **MECHANICAL ENGINEERING** towards the partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** by the **Mahatma Gandhi University**.


INTERNAL GUIDE

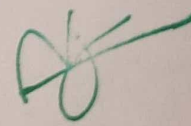
Asst Prof: Arun Jose


PROJECT COORDINATOR

Asso Prof: Rajeev K Mohan


HOD

Dr. Nidhish Mathew Nidhiry

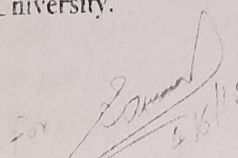

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MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR




CERTIFICATE


This is to certify that the Project report entitled "WASTE SEGREGATION AND SCUPERATING MACHINE" is the bonafide record of the Project presented by AKHIL SURESH, AKHIL REGHUNATH, GOKUL.J, and HARIKRISHNAN R.M of MECHANICAL ENGINEERING towards the partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.

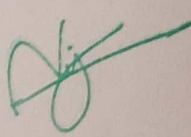

PROJECT GUIDE

Mr. HARIKRISHNAN A R
Associate professor


PROJECT COORDINATOR

Mr. RAJEEV K MOHAN
Associate professor


HEAD OF DEPARTMENT
Dr. NIDHISH MATHEW NIDHIRY


MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL
ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



CERTIFICATE

This is to certify that the Project report entitled "DESIGN AND FABRICATION OF EGG-SHELL REMOVER" is the bonafide record of the project presented by Mr. Kamal.G , Mr. Liphin Cherian Philip, Mr. Vivek .S. Nair, Mr. Jibin Joseph of MECHANICAL ENGINEERING towards the partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.

05/06/18
INTERNAL GUIDE

Mr. Tinu Thomas
Assistant Professor

Nidhish
HOD&PROJECT CO-ORDINATOR

Dr. Nidhish Mathew Nidhiry
Professor & Dean

[Signature]
PRINCIPAL
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ETTUMANOOR

DEPARTMENT OF MECHANICAL ENGINEERING

MANGALAM COLLEGE OF ENGINEERING

ETTUMANOOR



CERTIFICATE

This is to certify that the Project report entitled "Design And Fabrication Of Paper Plate Making Machine Using Waste Paper" is the bonafide record of the project presented by Jobin Johnson, Mebin Thomas, Sebin Thomas, Shuhaib Nazar of MECHANICAL ENGINEERING towards the partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.

INTERNAL GUIDE

Assistant Prof. Harikrishnan A R

PROJECT COORDINATOR

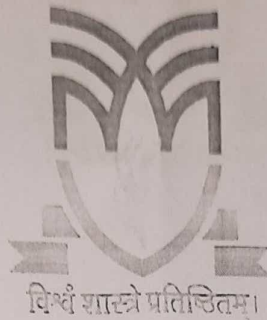
Prof. Dr. Nidhish Mathew Nidhiry

HOD

Prof. Dr. Nidhish Mathew Nidhiry

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MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
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CERTIFICATE

This is to certify that the project report entitled "AUTOMATIC HAND BRAKE USING PNEUMATIC SYSTEM" is the bonafide record of the project presented by Mr. RAHUL KUMAR P.R, TOMS SEBASTIAN, PREENU MATHEW, LIJO CHERIAN of MECHANICAL ENGINEERING towards the partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.

[Signature]
INTERNAL GUIDE

Jishnu M

Assistant Professor



[Signature]
HOD & PROJECT COORDINATOR

Dr. Nidhish Mathew Nidhiry

Professor & Dean

[Signature]
PRINCIPAL
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DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



CERTIFICATE

This is to certify that the Project report entitled "THERMAL DESALINATION USING DIESEL ENGINE EXHAUST WASTE HEAT-AN EXPERIMENTAL ANALYSIS" is the bonafide record of the project presented by MONCY VARGHESE, RIJU PAUL, SACHU SEBASTIAN, LIBIN JOSEPH of MECHANICAL ENGINEERING towards the partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.

INTERNAL GUIDE

Albert Mathew

Assistant Professor

11/02/2014

HOD & PROJECT COORDINATOR

Dr. Nidhish Mathew Nidhiry

Professor & Dean

[Signature]

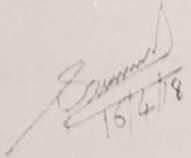
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DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



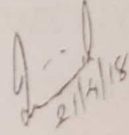
CERTIFICATE

This is to certify that the project report entitled "PEDAL POWERED REVERSE OSMOSIS WATER PURIFICATION" is the bonafide record of the project presented by Mr. TOM.V.THOMAS, JITHU THOMAS, MOHNIS ISMAIL HASSAN, JOBIN .P. GEORGE of MECHANICAL ENGINEERING towards the partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.


15/4/18

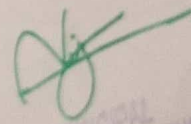
INTERNAL GUIDE

Sammon korah
Assistant Professor


21/4/18

HOD & SEMINAR COORDINATOR

Dr. Nidhish Mathew Nidhiry
Professor & Dean

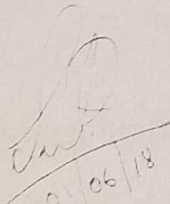

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Ettumanoor

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MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

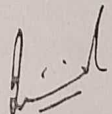


CERTIFICATE


This is to certify that the Project report entitled "WATER TANK CLEANING MACHINE" is the bonafide record of the project presented by Mr. Sanjeev.S, Mr.Shine Stephen, Mr.Toby Jacob, Mr. Jouel Jacob Chacko of MECHANICAL ENGINEERING towards the partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.


01/06/18
INTERNAL GUIDE

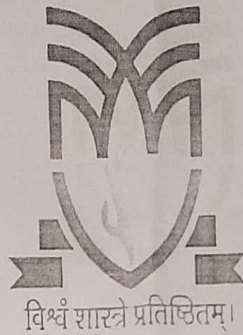
Asst. prof. Subin George Mathew


HOD&PROJECT COORDINATOR

Prof. Dr. Nidhish Mathew Nidhiry


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MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

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MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



CERTIFICATE

This is to certify that the Project report entitled "ALTERNATIVE FUEL FROM HOUSEHOLD FOOD WASTE - ETHANOL PRODUCTION" is the bonafide record of the project presented by Abhijith J, Jobson Kurian, Sachin Jose and Sooraj S of MECHANICAL ENGINEERING towards the partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.

INTERNAL GUIDE

Assistant prof. Bindu Divakar

PROJECT COORDINATOR

Prof. Dr. Nidhish Mathew Nidhiry

HOD

Prof. Dr. Nidhish Mathew Nidhiry

MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

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MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



CERTIFICATE

This is to certify that the Project report entitled "ANTI DETONANT INJECTION IN FOUR STROKE PETROL ENGINE" is the bonafide record of the project presented by Mr. STEPHEN ANTONY BRITTO, Mr. VISHAL S, Mr. NICKIL GEORGE JOHN, Mr. SRAVEN I S of MECHANICAL ENGINEERING towards the partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.

(Signature)
INTERNAL GUIDE

Assistant Prof. Manoj Balu V B

(Signature)
PROJECT COORDINATOR & HOD

Prof. Dr. Nidhish Mathew Nidhiry



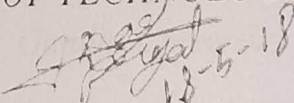
(Signature)
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



CERTIFICATE

This is to certify that the Project report entitled "WATER PURIFIER USING SOLAR STILL INTEGRATED WITH FLAT PLATE COLLECTOR" is the bonafide record of the Project presented by JITHIN VARGHESE, ANANDU BABU, JISHNU AJ AND ACHU PRASAD of MECHANICAL ENGINEERING towards the partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.


13-5-18
PROJECT GUIDE

Hariprasad K S

Asst. Professor

Mechanical Engineering




HOD

Dr. Nidhish Mathew Nidhiry

Professor


Mechanical engineering


PROJECT COORDINATOR

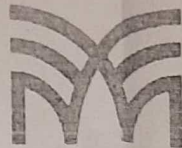
Rajeev K Mohan

Associate Professor

Mechanical Engineering


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



CERTIFICATE

This is to certify that the Project report entitled "POWER GENERATION FROM ORGANIC WASTE OF COLLEGE CANTEEN" is the bonafide record of the Project presented by ALEX THOMAS VARGHESE, BELGIN THOMAS, BOBY PHILIP, DAVID JOSE of MECHANICAL ENGINEERING towards the partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.

INTERNAL GUIDE

Mr. TINU THOMAS

Assistant Professor



HOD

Dr. NIDHISH MATHEW NIDHIRY

Professor & Dean

PROJECT COORDINATOR

Mr. RAJEEV K MOHAN

Associative Professor

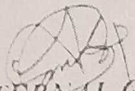
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

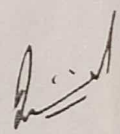
DEPARTMENT OF
MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

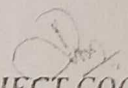


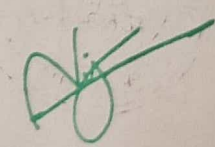
CERTIFICATE

This is to certify that the project report entitled "WEIGHT REDUCTION IN AUTOMOBILE PARTS USING COMPOSITE MATERIAL" is the Bonafide record of the work done by AJIN P KUMAR, A S RISWAN, AMJATH SIYAD, ARAVIND P KUMAR, of MECHANICAL ENGINEERING DEPARTMENT towards the partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the Mahatma Gandhi University.


INTERNAL GUIDE
Binny kuriakose


HEAD OF DEPARTMENT
DR. NIDHISH MATHEW NIDHIRY


PROJECT COORDINATOR
Rajeev K Mohan


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


Thykkoodam,

8th August , 2019

TO WHOM SO EVER IT MAY CONCERN


This is to certify that Ms. Aiswarya Manoj, 4th Trimester, MBA student of Mangalam College of Engineering , Ettumanoor , has successfully completed the internship in our organization for 45 days during 25th June 2019 till 8th August 2019.

We wish her good luck and look forward for brilliant success in her future endeavours.


For FCI GBS India Pvt. Ltd.



Deputy Manager-HR


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



ALUMINIUM INDUSTRIES LIMITED

SWITCHGEAR DIVISION, KUTTAMPEROOR P.O., MANNAR, 689 623, ALAPPUZHA DISTRICT, KERALA INDIA

Date: 09.08.2019

SG: PO: CT-3115949

CERTIFICATE

This is to certify that Mr. Akhil Babu B. (Roll No. MLM 18MBA10) 3rd trimester MBA Student of Mangalam College of Engineering, Mangalam Campus, Mangalam hills, Vettimukal P.O., Ettumanoor, Kottayam had done Internship in our company from 25.06.2019 to 08.08.2019. We wish all success in his future assignments.

For ALUMINIUM INDUSTRIES LTD

[Handwritten Signature]
9/8/19

Personnel Officer



[Handwritten Signature]

SWITCHGEAR DIVISION
Phone : +91479 - 2312269/ 2312268/ 2312239
2312789/ 2312253/ 2312263/ 2312267
E-mail : alindswitchgear@hotmail.com
alind_switchgearmrk@yahoo.co.in

ISO 9001 - 2015 ORGANISATION
CERTIFIED BY
BUREAU OF INDIAN STANDARDS



CERTIFICATE FROM THE ORGANISATION



HIGHLANDS TEA FACTORY

Calvarymount P.O, Kattappana 685 515, Ph: 9961475399, 9947282569

09/08/2019

Date:

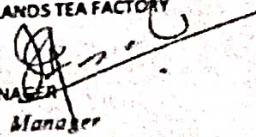
TO WHOM SO EVER IT WIL CONCERN

This is to certify that Mr.Arun P Biju, MBA student of Mangalam College of Engineering Kottayam, Has successfully completed his INTERNSHIP at HIGHLANDS TEA FACTORY, CALVARYMOUNT, KATTAPPANA, under my guidance from 25th June 2019, 8th August 2019 as a part of his academic studies.

His performance during the period has been very good.

We wish him all success in his future endeavors.

For HIGHLANDS TEA FACTORY


MANAGER
Manager
Highlands Tea Factory
CALVARYMOUNT

Highlands Tea Factory
Calvarymount. P. O
Kattappana - 685 515
KATTI DI


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Ettumanoor

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kectraining@keltron.org
Website : www.keltron.org

KEC/TDC/T/2019/2253/12028

August 13, 2019

CERTIFICATE

This is to certify that Ms. ATHIRA SUDHIKARAN., MBA student of MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR, KOTTAYAM, has successfully completed the "INTERNSHIP" in the various units of Keltron Equipment Complex, Karakulam, Thiruvananthapuram during the period from 25/06/2019 to 08/08/2019 as part of the Academic curriculum.

Her conduct and character during the period with us were good.


General Manager





FACT**THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED**

(भारत सरकार का उद्यम) / (A Government of India Enterprise)

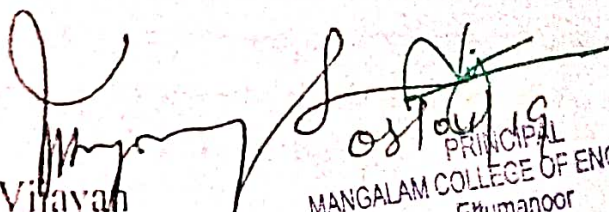
प्रशिक्षण केंद्र / TRAINING CENTRE
मुख्यालय / Head Office
उद्योगमंडल / Udyogamandal - 683 501दूरभाष / Phone : 0484 - 2567544, 2567467, 2567583,
2556750, 2559621, 2567423, 2567380, 2567424
ई-मेल / Email : mtrg@factltd.com, mdc@factltd.com

AGM (Trg & Dev)-CERT- PW/502/2018-19

08.04.2019

CERTIFICATE

Certified that Ms. NEEMA S, MBA, student of MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR, has successfully completed her Project Work Titled "A STUDY ON STAFF TRAINING AND DEVELOPMENT AS A TOOL FOR ACHIEVING ORGANIZATIONAL OBJECTIVE WITH SPECIAL REFERENCE TO FACT LTD UDYOGAMANDAL" in HR Department of FACT Ltd., Udyogamandal, during the period from 6th March 2019 to 5th April 2019.


K Vijayan
Asst. General Manager (Trg & Dev)
FACT Training Centre
Udyogamandal.

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



DNV GL

पंजीकृत कार्यालय : एलूर, उद्योगमंडल
Regd. Office: Eloor, Udyogamandal



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Fax : 91-476-2680101, 2686721

E-mail : kmml@md3.vsnl.net.in, URL: www.kmml.com



CIN-U14109KL1972SGC002399

TP/PD/T-14/19

04.04.2019

CERTIFICATE

This is to certify that Ms. Jiji Mathai, MBA student of Mangalam College of Engineering, Kottayam, has successfully completed the Project Work entitled "A STUDY ON EFFECTIVENESS OF HEALTH AND SAFETY MEASURES WITH REFERENCE TO KMML" in HR Department of the Titanium Dioxide Pigment Unit of the Company at Chavara during the period from 05.03.2019 to 05.04.2019.

She was found to be an industrious and motivated person with good Conduct and Character during the entire training period.

M.(WRA/GA)/IC



ASHOK LEYLAND

Aapki Jeet. Hamari Jeet.

CERT. No: HRD/T&D/1315

01st Aug 2019


TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. PRAISYABRAHAM of
"MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM" has done her
INTERNSHIP in "MASTER OF BUSINESS ADMINISTRATION" at ASHOK
LEYLAND Ltd, ENNORE, CHENNAI, from 01.07.2019 to 01.08.2019.

Her conduct and character during the period of training is found to be good.


S. THANGAVEL 11/8/19
SENIOR MANAGER (L&D)




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MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



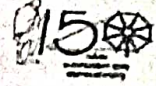
KERALA ELECTRICAL & ALLIED ENGINEERING CO. LTD.

(A GOVERNMENT OF KERALA UNDERTAKING)

MAMALA P.O., KOCHI - 682 305

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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/ 9751 /19

8th August, 2019

CERTIFICATE

This is to certify that Mr. Athul Vas P.S, MBA Student of Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam has undergone "Internship Training" at Kerala Electrical & Allied Engg. Co.Ltd., Mamala Unit for a period of 45 days from 25.06.2019 to 08.08.2019.

This was done in partial fulfillment of his academic requirements.

MANAGER (P & A)

K. K. RAJEEV
Manager (Personnel & Administration)
Kerala Electrical & Allied Engineering Co. Ltd.
(Govt. of Kerala Undertaking)
Mamala. P.O., Cochin - 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

**KITEX LIMITED**

An ISO 9001: 2008 Certified Company
P.D. No. 4, Kizhakkambalam- 683 562, Aluva, Kerala, India.
Tel: 00 91 484 2680600, 2686600 Fax: 00 91 484 2684866
Email: kitex@annagroup.net Web: www.annagroup.net
GSTIN : 32AABCK1586D1ZX CIN : U74140KL1975PLC002744

KTL/ADMN-PRO/CER/03-07

13.08.2019

CERTIFICATE

This is to certify that Ms. SNEHA MERIN JOSE (Reg. No. MLM18MBA76), MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam – 686 631, has successfully Completed her Internship with Kitex Limited, Kizhakkambalam.

She has undergone Internship for a period of 45 days from 24th June 2019 to 08th August 2019. The Internship was completed in time and we appreciate her sincere effort in making it successful.

The overall rating for her performance during the Internship is good. We wish her all the very best for the future.

For KITEX LIMITED

K. C. PILLAI
GENERAL MANAGER (MKTG. & ADMN.)



MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Lin : U31200KL 1960 SGC 001860

ഭരണഭാഷ മാതൃഭാഷ

ട്രാക്കോ കേബിൾ കമ്പനി ലിമിറ്റഡ്, തിരുവല്ല
(ഒരു കേരള സർക്കാർ സ്ഥാപനം)

TRACO CABLE COMPANY LIMITED
(A KERALA GOVERNMENT COMPANY)



JFTC Factory, Chumathra, Thiruvalla- 689101, Pathanamthitta (Dist) Kerala.
PH : 0469 - 2730231, 2730253 Fax : 0469 - 2630254 E-mail : tracotvla@gmail.com

No.22/JFTC/SM/1445

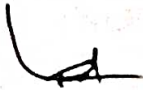
Date: 02-06-2018

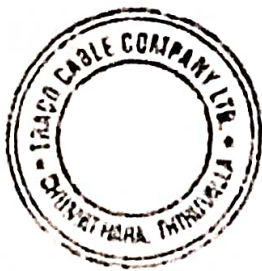
CERTIFICATE

This is to certify that Ms.Neethumol T R, (Reg.No. MLM16MBA42), Sixth trimester MBA student of Mangalam College of Engineering, Kottayam, was permitted to conduct a study on "The Effectiveness of Cash Management" in Traco Cable Company Ltd., Thiruvalla from 02-04-2018 to 30-04-2018. She was regular in her attendance during the above period and took keen interest in the training assigned to her.

Her character and conduct during the above period were good.

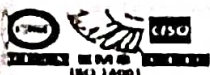
For TRACO CABLE COMPANY LIMITED,


Unit Head (Thiruvalla)





PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



Regd.office : XXVIII / 1242, KSHB office Complex,
Panampilly Nagar, P.B No. 4269, Cochin - 682036, Kerala
Phone : 0484 2314847, 230472 Grams : 'TRACO' Emakulam, Fax : 0484- 2312744





KALANTHARA
ENGINEERS & CONTRACTORS

CERTIFICATE

This is to certify that Ms. Teena Tara Tom , 2nd semester B. Tech Civil Engineering student of Mangalam Collage of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O, Ettumanoor, Kottayam686631 had undergone internship Programme in our company from 8th july 2012 to 12th july 2019. During the period of Internship programme with us she was found punctual, Hardworking and Inquisitive.

We wish him all success in his future assignments.

Palce :

Date :

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

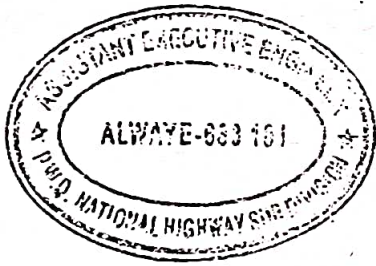
ALEX VARGHESE
P. W. D. Contractor
L. No. 3C 16-17
Kalanthara House
Chenappady - 686 520


No.E4-G1/2018

Dated: 13.08.2019

TO WHOM IT MAY CONCERN

This is to certify that R.Amrutha Balakrishnan, 2nd Semester B-Tech Civil Engineering, Mangalam College of Engineering, Ettumanoor has undergone Internship Training in the site of "Construction of Six lane Fly over at Vyttila " from 15.07.2019 to 19.07.2019 under the guidance of the undersigned.




JAYARAJAN. P
Assistant Executive Engineer
National Highway Sub Division
Aluva, Pin - 683 101

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



Builtech

Constructions

Kanjirappally

Licensed PWD Contractor, No. 15C 2016-17, Ph: 9447237895

GSTIN - 32BGYPS7903MIZI


Sajid K.A
Kallolaparampil
Palampra P.O
Kanjirappally

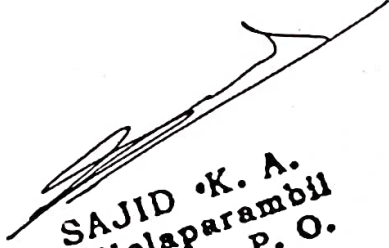
Date: 2.6.2019

CERTIFICATE

This is to certify that Mr. Rohit M. K., 2nd semester B.Tech Civil Engineering student of Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam 686631 had undergone Internship Programme in our company from 10th July 2019 to 16th July 2019. During the period of Internship Programme with us he was found punctual, hardworking and inquisitive.

We wish him all success in his future assignments.


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


SAJID K. A.
Kallolaparampil
Palampra P. O.
Kanjirappally



Builtech

Constructions

Kanjirappally

Licensed PWD Contractor, No. 15C 2016-17, Ph: 9447237895

GSTIN - 32BGYPS7903MIZI

Sajid K.A
Kallolaparampil
Palampra P.O
Kanjirappally

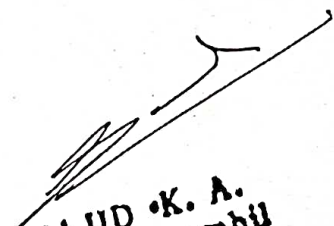
Date: 26-7-19

CERTIFICATE

This is to certify that Mr. Shakeel Buhari, 2nd semester B.Tech Civil Engineering student of Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam 686631 had undergone Internship Programme in our company from 10th July 2019 to 16th July 2019. During the period of Internship Programme with us he was found punctual, hardworking and inquisitive.

We wish him all success in his future assignments.

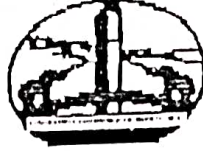

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


SAJID K. A.
Kallolaparambil
Palampra P. O.
Kanjirappally

KERALA STATE CONSTRUCTION CORPORATION LIMITED

(A Government Of Kerala Undertaking)

Regional Office;
Post Box No.30/1521-A,
Bay under the Bridge,
Northern side of Railway,
Ponnurunny, Vyttila Kochi682019



Tel: 0484 2339953
Fax:0484 2339953
Mail:rmekm@kscc.in
Web: www.kscc.in

CC/RME/INT/2018/4097

30.07.2019.


TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Mr. **TIMOTHY MATHEW VARUGHESE**, IInd Semester, Civil Engineering student of **MANGLAM COLLEGE OF ENGINEERING** Mangalam Hills, Vettimukal P. O, Ettumanoor, Kottayam, Kerala 686 631 has successfully completed the Internship training for a period of (10.07.2019 to 16.07.2019) 5 days and he visited the works site of "Moolampilly – Pizhala Bridge and Post Metric Hostel for Boys at Aluva".

Vyttila,
16.07.2019.


Regional Manager,
Ernakulam.




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Office;
x No.30/1521-A,
nder the Bridge,
n side of Railway,
unny, Vyttila Kochi682019



Tel: 0484 2339953
Fax:0484 2339953
Mail:rmekm@kscc.in
Web: www.kscc.in

CC/RME/INT/2018/4099.

30.07.2019.

TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Mr. SANJAY PRATHAP, IInd Semester, Civil Engineering student of MANGLAM COLLEGE OF ENGINEERING Mangalam Hills, Vettimukal P. O, Ettumanoor, Kottayam, Kerala 686 631 has successfully completed the Internship training for a period of (10.07.2019 to 16.07.2019) 5 days and he visited the works site of "Moolampilly - Pizhala Bridge and Post Metric Hostel for Boys at Aluva".

Vyttila,
16.07.2019.


Regional Manager,
Ernakulam.


PRINCIPAL
MANGLAM COLLEGE OF ENGINEERING
Ettumanoor



KERALA STATE CONSTRUCTION CORPORATION LIMITED

(A Government Of Kerala Undertaking)

Regional Office;
Post Box No.30/1521-A,
Bay under the Bridge,
Northern side of Railway,
Ponnurunny, Vyttila Kochi682019



Tel: 0484 2339953
Fax:0484 2339953
Mail:rmekm@kscc.in
Web: www.kscc.in


CC/RME/INT/2018/4096

30.07.2019.

TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Mr. YADHUKRISHNAN. P. U, IInd Semester; Civil Engineering student of MANGLAM COLLEGE OF ENGINEERING Mangalam Hills, Vettimukal P. O, Ettumanoor, Kottayam, Kerala 686 631 has successfully completed the Internship training for a period of (10.07.2019 to 16.07.2019) 5 days and he visited the works site of "Moolampilly – Pizhala Bridge and Post Metric Hostel for Boys at Aluva ".

Vyttila,
16.07.2019.


Regional Manager,
Ernakulam.




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

KERALA STATE CONSTRUCTION CORPORATION LIMITED

(A Government Of Kerala Undertaking)

Regional Office;
Post Box No.30/1521-A,
3ay under the Bridge,
Northern side of Railway,
Munnurunny, Vyttila Kochi682019



Tel: 0484 2339953
Fax:0484 2339953
Mail:rmekm@kscc.in
Web: www.kscc.in

CC/RME/INT/2018/4028 .

30.07.2019.


TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Mr. ABHISHEK Y. N, IInd Semester, Civil Engineering student of MANGLAM COLLEGE OF ENGINEERING Mangalam Hills, Vettimukal P. O, Ettumanoor, Kottayam, Kerala 686 631 has successfully completed the Internship training for a period of (10.07.2019 to 16.07.2019) 5 days and he visited the works site of "Moolampilly – Pizhala Bridge and Post Metric Hostel for Boys at Aluva".

Vyttila,
16.07.2019.


Regional Manager,
Ernakulam.




PRINCIPAL
MANGLAM COLLEGE OF ENGINEERING
Ettumanoor



Builtech

Constructions

Kanjirappally

Licensed PWD Contractor, No. 15C 2016-17, Ph: 9447237895

GSTIN - 32BGYPS7903MIZI

Sajid K.A
Kallolaparampil
Palampra P.O
Kanjirappally

Date: 26-7-19

CERTIFICATE

This is to certify that Mr. Sudheesh Kumar S., 2nd semester B.Tech Civil Engineering student of Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam 686631 had undergone Internship Programme in our company from 10th July 2019 to 16th July 2019. During the period of Internship Programme with us he was found punctual, hardworking and inquisitive.

We wish him all success in his future assignments.

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

SAJID K. A.
Kallolaparambil
Palampra P. O.
Kanjirappally

KERALA STATE CONSTRUCTION CORPORATION LIMITED

(A Government Of Kerala Undertaking)

Regional Office;
Post Box No.30/1521-A,
situated under the Bridge,
on the northern side of Railway,
Vyttila, Vyttila Kochi 682019



Tel: 0484 2339953
Fax: 0484 2339953
Mail: rme@kscc.in
Web: www.kscc.in

CC/RME/INT/2018/4047

30.07.2019.

TO WHOM SO EVER IT MAY CONCERN

This is to Certify that Mr. GAYATH S KUMAR, IInd Semester, Civil Engineering student of MANGLAM COLLEGE OF ENGINEERING Mangalam Hills, Vettimukal P. O, Ettumanoor, Kottayam, Kerala 686 631 has successfully completed the Internship training for a period of (10.07.2019 to 16.07.2019) 5 days and he visited the works site of "Moolampilly - Pizhala Bridge and Post Metric Hostel for Boys at Aluva". During the period his work and conduct were good.

Vyttila,
16.07.2019.

PRINCIPAL
MANGLAM COLLEGE OF ENGINEERING
Ettumanoor

P.E



Regional Manager,
Ernakulam.

Vetoor


building a new community

SAFETY

INTERNSHIP CERTIFICATE

Certified that Mr/Ms. Govind S Lal 2nd Semester student of Civil Engineering Department, Mangalam College of Engineering, Mangalam Hills, Vettimukal, Ettumanoor, Kottayam has successfully completed his/her internship program on Construction Procedures from 08-07-2019 to 12-07-2019. Internship program conducted at ongoing commercial project site, Kottayam which includes construction practices, quality control measures and safety practices at site.




MANGALAM COLLEGE OF ENGINEERING
VETTIMUKAL
KOTTAYAM



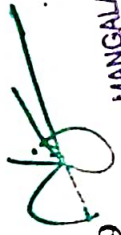
AUTHORIZED SIGNATORY

13th JULY 2019

INTERNSHIP CERTIFICATE

Certified that Mr/Ms. Sanjeev Paudel 2nd Semester student of Civil Engineering Department, Mangalam College of Engineering, Mangalam Hills, Vettimukal, Ettumanoor, Kottayam has successfully completed his/her internship program on Construction Procedures from 08-07-2019 to 12-07-2019. Internship program conducted at ongoing commercial project site, Kottayam which includes construction practices, quality control measures and safety practices at site.




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

13th JULY 2019

AUTHORIZED SIGNATORY

INTERNSHIP CERTIFICATE

Certified that Mr/Ms. Jiss Dominic 2nd Semester student of Civil Engineering Department, Mangalam College of Engineering, Mangalam Hills, Vettimukal, Ettumanoor, Kottayam has successfully completed his/her internship program on Construction Procedures from 08-07-2019 to 12-07-2019. Internship program conducted at ongoing commercial project site, Kottayam which includes construction practices, quality control measures and safety practices at site.



PRINCIPAL
COLLEGE OF ENGINEERING
ETTMANOR
MANGALAM COLLEGE OF ENGINEERING
ETTMANOR



13th JULY 2019

AUTHORIZED SIGNATORY

No.E4-GI/2018

Dated: 13.08.2019

TO WHOM IT MAY CONCERN

This is to certify that Shabeena Shaji, 2nd Semester B-Tech Civil Engineering, Mangalam College of Engineering, Ettumanoor has undergone Internship Training in the site of "Construction of Six lane Fly over at Vyttila " from 15.07.2019 to 19.07.2019 under the guidance of the undersigned.


JAYARAJAN. P
Assistant Executive Engineer
National Highway Sub Division
Aluva, Pin - 683 101


PRINCIPAL ENGINEERING
COLLEGE OF ENGINEERING
ETTUMANOOR
MANGALAM

इंजीनियरिंग प्रोजेक्ट्स (इंडिया) लि.
(भारत सरकार का उद्यम)



ENGINEERING PROJECTS (INDIA) LTD
(A Government of India Enterprise)



DLI/HRM/HRD/03


29th July, 2019

CERTIFICATE OF SUMMER TRAINING

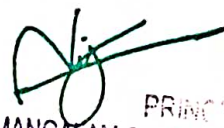
This is to certify that Shri Karthik Prasad, student of B. Tech (Civil, II year), Mangalam College of Engineering, Mangalam Campus, Kerala has successfully completed Summer Training at our Contract Division, Corporate Office, New Delhi under the guidance of Shri S.K. Gupta, Executive Director (Contracts) w.e.f. 11.07.2019 to 25.07.2019.

His performance during this period was very good.

We wish him success in all his future endeavors.


(Anamika Kashyap)
Sr. Manager (HR) 29/07/2019

Shri Karthik Prasad
Mangalam College of Engineering,
Mangalam Campus, Kerala


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

देश की सामाजिक संस्कृति की वाहक सेतु - हिंदी

पंजीकृत एवं कारपोरेट कार्यालय : कोर-3, स्कोप कॉम्प्लेक्स, 7, लोधी रोड, नई दिल्ली-110 003
Registered and Corporate Office : Core-3, Scope Complex, 7, Lodhi Road, New Delhi-110 003
दूरभाष/Tel. : +91-11-24361666 फैक्स/Fax.: +91-11-24363428 ई-मेल/E-mail: epico@epico.com
CIN: J127409 DL 1970 CO117885 (A) MINIPATNA

Vvettoor

Building a new community

SAVANA

INTERNSHIP CERTIFICATE

Certified that Mr/Ms. Jacob George 2nd Semester student of Civil Engineering Department, Mangalam College of Engineering, Mangalam Hills, Vettimkhal, Ettumanoor, Kottayam has successfully completed his/her internship program on Construction Procedures from 08-07-2019 to 12-07-2019. Internship program conducted at ongoing commercial project site, Kottayam which includes construction practices, quality control measures and safety practices at site.



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



AUTHORIZED SIGNATORY

13th JULY 2019

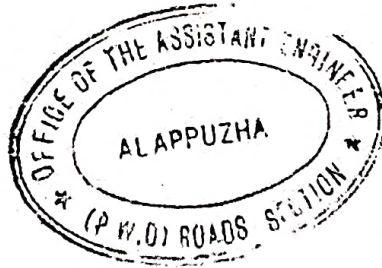
No.TSA/45/11

Office of the Assistant Engineer
PWD, Roads section Alappuzha
Email – aeroadsalpy@gmail.com
Phone No.0477 – 2251001


CERTIFICATE

This is to certify that Kumari Anusreelal. J, B Tech (Civil Engineering) student of Mangalam, College of Engineering, Ettumanoor, Kottayam has been successfully completed the internship in different types of activities at this office such as preparation of estimate and assisting supervision of ongoing various road works under this office from 08/07/2019 to 12/07/2019. She is found to be punctual, attentive, keeping good conduct during the period of internship.

Alappuzha
15/07/2019




ASSISTANT ENGINEER
P.W.D. ROADS SECTION
ALAPPUZH-688 011


MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KALANTHARA
ENGINEERS & CONTRACTORS

CERTIFICATE

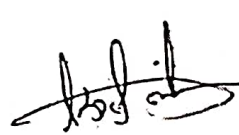
This is to certify that Mr. Dony Stanly . 2nd semester B. Tech Civil Engineering student of Mangalam Collage of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O, Ettumanoor, Kottayam 686631 had undergone internship Programme in our company from 8th july 2012 to 12th july 2019. During the period of Internship programme with us he was found punctual, Hardworking and Inquisitive.

We wish him all success in his future assignments.

Place :

Date :


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


FEBIN ALEX VARGHESE
P. W. D. Contractor
L. No. 3C 16-17
Kalanthara House
Chenappady - 686 520



KALANTHARA
ENGINEERS & CONTRACTORS


CERTIFICATE

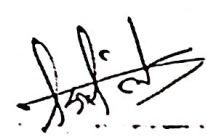
This is to certify that Mr. Muhammed Yaseen V.S , 2nd semester B. Tech Civil Engineering student of Mangalam Collage of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O, Ettumanoor, Kottayam686631 had undergone internship Programme in our company from 8th july 2012 to 12th july 2019. During the period of Internship programme with us he was found punctual, Hardworking and Inquisitive.

We wish him all success in his future assignments.

Place :

Date :


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


FEBIN ALEX VARGHESE
P. W. D. Contractor
L. No. 3C 16-17
Kottayam
Chennai 686631



KALANTHARA
ENGINEERS & CONTRACTORS

CERTIFICATE

This is to certify that Mr. Gautham Mohandas , 2nd semester B. Tech Civil Engineering student of Mangalam Collage of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O, Ettumanoor, Kottayam686631 had undergone internship Programme in our company from 8th july 2012 to 12th july 2019. During the period of Internship programme with us he was found punctual, Hardworking and Inquisitive.

We wish him all success in his future assignments.

Place :

Date :

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

FEBIN ALEX VARGHESE
P. W. D. Contractor
L. No. 3C 16-17
Kalanthara House
Chenappady - 686 520

Near St. Antony's Church Jn., Chenappady, Kanjirapally
Email: kalantharaengineers@gmail.com
Phone: 81 29 67 6887, 8129676867



KALANTHARA
ENGINEERS & CONTRACTORS


CERTIFICATE


This is to certify that Mr. Nair Ashwin Manoj , 2nd semester B. Tech Civil Engineering student of Mangalam Collage of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O. Ettumanoor, Kottayam 686631 had undergone internship Programme in our company from 8th july 2012 to 12th july 2019. During the period of Internship programme with us he was found punctual, Hardworking and Inquisitive.

We wish him all success in his future assignments.

Place :

Date :


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


FEBIN ALEX VARGHESE
P. W. D. Contractor
L. No. 3C 16-17
Kalanthara House
Chenappady - 686 520

Near St. Antony's Church Jn., Chenappady, Kanjirapally
Email: kalantharaengineers@gmail.com
Phone: 81 29 67 6887, 8129676867

Date : 23-07-2019

To Whom so ever it may concern

This is to certify that, Shree Allen Jossy, is a student of 1st year in Mangalam Engineering college Eattumanoor, Kottayam has been under vocational training at the construction site of Lissie Hospital projects at Lissie Junction, Ernakulam from 15th july to 21st july, forwarded by us.

Shree Allen Jossy compleated his training on various jobs of civil construction. ie : Building works , Brick works, Shuttering, Centering of steel R.C.C work and retaining wall successfully.

His attendance and performance during training found excellent.

We wish him all success and well place in life.

For Planners Group



General Manager,
REMESH BABU HILLAI.K.P
Reg.No.E-8331/18/SB-3952/KLM
Department of Urban Affairs
Government of Kerala

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Date : 23-07-2019

To Whom so ever it may concern

This is to certify that, Shree Alphy John Jacob, is a student of 1st year in Mangalam Engineering college Eattumanoor, Kottayam has been under vocational training at the construction site of Lissie Hospital projects at Lissie Junction, Ernakulam from 15th july to 21st july, forwarded by us.

Shree Alphy John Jacob compleated his training on various jobs of civil construction. ie : Building works , Brick works, Shuttering, Centering of steel R.C.C work and retaining wall successfully.

His attendance and performance during training found excellent.

We wish him all success and well place in life.

For Planners Group



General Manager

REMESH BABU PILLAI.K.P
Reg.No.E-8331/18/SB-3952/KLM
Department of Urban Affairs
Government of Kerala

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Eitumanoor

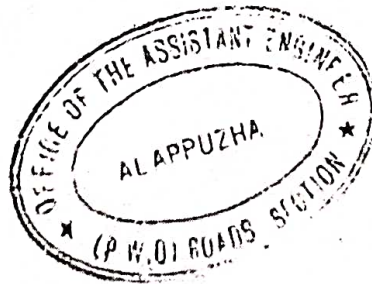
No.TSA/45/11


Office of the Assistant Engineer
PWD, Roads section Alappuzha
Email – acroadsalpy@gmail.com
Phone No.0477 – 2251001

CERTIFICATE

This is to certify that Kumari Ajipriya C.S, B Tech (Civil Engineering) student of Mangalam, College of Engineering, Ettumanoor, Kottayam has been successfully completed the internship in different types of activities at this office such as preparation of estimate and assisting supervision of ongoing various road works under this office from 08/07/2019 to 12/07/2019. She is found to be punctual, attentive, keeping good conduct during the period of internship.

Alappuzha
15/07/2019




ASSISTANT ENGINEER
P.W.D. ROADS SECTION
ALAPPUZH-688 011


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KALANTHARA
ENGINEERS & CONTRACTORS

CERTIFICATE

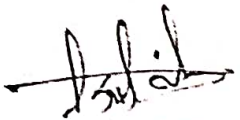
This is to certify that Ms. Tency Mol Jose , 2nd semester B. Tech Civil Engineering student of Mangalam Collage of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O, Ettumanoor, Kottayam686631 had undergone internship Programme in our company from 8th july 2012 to 12th july 2019. During the period of Internship programme with us she was found punctual, Hardworking and Inquisitive.

We wish him all success in his future assignments.

Place :

Date :


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


P. W. D. Contractor
L. No: 3C 16-17
Kalanthara House
Chenappady - 686 520

Near St. Antony's Church Jn., Chenappady, Kanjirapally
Email: kalantharaengineers@gmail.com
Phone: 81 29 67 6887, 8129676867

Date : 23-07-2019


To Whom so ever It may concern

This is to certify that, Shree Richu Varghese Renji, is a student of 1st year in Mangalam Engineering college Eattumanoor, Kottayam has been under vocational training at the construction site of Lissie Hospital projects at Lissie Junction, Ernakulam from 15th July to 21st July, forwarded by us.

Shree Richu Varghese Renji completed his training on various jobs of civil construction. ie : Building works , Brick works, Shuttering, Centering of steel R.C.C work and retaining wall successfully.

His attendance and performance during training found excellent.

We wish him all success and well place in life.


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



For Planners Group


General Manager,
REMESH BABU PILLAI.K.P
Reg.No.E-8331/18/SB-3952/KLM
Department of Urban Affairs
Government of Kerala



KALANTHARA
ENGINEERS & CONTRACTORS

CERTIFICATE

This is to certify that Ms. Jesmi Thaha , 2nd semester B. Tech Civil Engineering student of Mangalam Collage of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O, Ettumanoor, Kottayam 686631 had undergone internship Programme in our company from 8th july 2012 to 12th july 2019. During the period of Internship programme with us she was found punctual, Hardworking and Inquisitive.

We wish him all success in his future assignments.

Place :

Date :

FEBIN ALEX VARGHESE
P. W. D. Contractor
L. No. 3C 16-17
Kalanthara House
Chenappady - 086 520

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Near St. Antony's Church Jn., Chenappady, Kanjirapally
Email: kalantharaengineers@gmail.com
Phone: 81 29 67 6887, 8129676867

Date : 23-07-2019

To Whom so ever it may concern

This is to certify that, Shree Donnel Samuel, is a student of 1st year in Mangalam Engineering college Eattumanoor, Kottayam has been under vocational training at the construction site of Lissie Hospital projects at Lissie Junction, Ernakulam from 15th july to 21st july, forwarded by us.

Shree Donnel Samuel completed his training on various jobs of civil construction. ie : Building works , Brick works, Shuttering, Centering of steel R.C.C work and retaining wall successfully.

His attendance and performance during training found excellent.

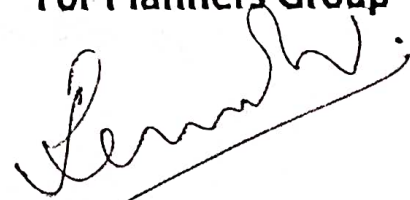
We wish him all success and well place in life.



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



For Planners Group



General Manager

REMESH BABU PILLAI.K.P
Reg.No.E-8331/18/SB-3952/KLM
Department of Urban Affairs
Government of Kerala

Date : 23-07-2019


To Whom so ever it may concern

This is to certify that, Shree Jaison K Varghese, is a student of 1st year in Mangalam Engineering college Eattumanoor, Kottayam has been under vocational training at the construction site of Lissie Hospital projects at Lissie Junction, Ernakulam from 15th july to 21st july, forwarded by us.

Shree Jaison K Varghese compleated his training on various jobs of civil construction. ie : Building works , Brick works, Shuttering, Centering of steel R.C.C work and retaining wall successfully.


His attendance and performance during training found excellent.

We wish him all success and well place in life.


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



For Planners Group



General Manager

REMESH BABU PILLAI.K.P
Reg.No.E-8331/18/SB-3952/KLM
Department of Urban Affairs
Government of Kerala

To,

The Head of Department

Department of Civil Engineering

Mangalam College of engineering

Ettumanoor, Kottayam

Field Training Certificate

Sir,

This is to certify that Miss Swathi S Kumar, Reg. No: MLM18cE068

D/o Saji Kumar Puthenchira House, 1st year civil Engineering Student of Mangalam College of Engineering, Ettumanoor has successfully completed his internship of 10 days at our site, St. George Church Chittar, Pala

During his period of internship she was found punctual, hardworking, technically sound and result oriented. He worked as part of a team during his tenure.

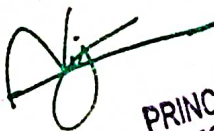
Champakulam

29-06-2019



For EXCEL BUILDERS
Champakulam P.O., Alappuzha

Proprietor
SHINE JOSEPH.


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KALANTHARA
ENGINEERS & CONTRACTORS

...
CERTIFICATE

This is to certify that Ms. Saritha Saju , 2nd semester B. Tech Civil Engineering student of Mangalam Collage of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O, Ettumanoor, Kottayam 686631 had undergone intemship Programme in our company from 8th july 2012 to 12th july 2019. During the period of Intemship programme with us she was found punctual, Hardworking and Inquisitive.

We wish him all success in his future assignments.

Place : :

Date : :

FERDINALEX VARGHESE
W. D. Contractor
L. No. 3C 16-17
Kalanthara House
Chenappady - 686 520

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Near St. Antony's Church Jn., Chenappady, Kanjirapally
Email: kalantharaengineers@gmail.com
Phone: 81 29 67 6887, 8129676867

KERALA PUBLIC WORKS DEPARTMENT


Office of the Assistant Engineer
PWD Special Buildings Section No-1
District Hospital PO, Gen. Hospital
Compound, Alappuzha - 688011
OAE Mobile: +91-9496113246 ☎ 0477-2230161
✉ aesection1@gmail.com


Date: 29th July 2019

CERTIFICATE

This is to certify that Miss. SOUMYA UDAYAN , student of B.Tech CE from (S₃) student of K R Gouramma College of Engineering , Valamangalam Soth P O, Thuravoor Cherthala, Alappuzha 688532 District, has undergone internship for 7 days from 16/07/2019 to 23/07/2019 , in this office and has attended construction sites of works executed by the PWD office at TD Medical College, Vandanam, Alappuzha.




K. MANOJ
കെ. മനോജ്
അസിസ്റ്റന്റ് എഞ്ചിനീയർ
പബ.ഉ.വ. പ്രത്യേക കെട്ടിട വിഭാഗം നം: 1
ആലപ്പുഴ-688 011.


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



**Government of Kerala
Local Self Government Department
CERTIFICATE OF INTERNSHIP**

Certified that Miss. **SOUMYA UDAYAN**, Ayyanamveli House, Ezhupunna PO. Cherthala. PEN - 688537. Alappuzha. student of B Tech Civil Engineering (S 7, Reg No - GWE18CE010) from Mangalam College of Engineering, College Road, Mangalam Hills, Vettimukal. Ettumanoor. PEN - 686631. Kottayam District has undergone internship for 15 days from 10/09/2021 to 26 09 2021 in this office and has attended various sites of works being executed under Rebuild Kerala Initiative by Project Implementation Unit (South Zone), Kottayam

04.10.2021
Kottayam



[Signature]
Saravaneswar LR
PEN - 187163
Assistant Executive Engineer
PIU South Zone. RKI
Kottayam

[Signature]
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

KERALA PUBLIC WORKS DEPARTMENT

Office of the Assistant Engineer
PWD Special Buildings Section No-1
District Hospital PO, Gen. Hospital
Compound, Alappuzha - 688011
☎ AE Mobile: +91-9496113246 ☎ 0477-2230161
✉ nesection1@gmail.com

Date: 29th July 2019


CERTIFICATE

This is to certify that Miss. ANAKHA .M , student of B.Tech CE from (S₃) student of K R Gouramma College of Engineering , Valamangalam Soth P O, Thuravoor Cherthala, Alappuzha 688532 District, has undergone internship for 7 days from 16/07/2019 to 23/07/2019 , in this office and has attended construction sites of works executed by the PWD office at TD Medical College, Vandanam, Alappuzha.




K. MANOJ

പുറംകെട്ടിട വിഭാഗം
ASSISTANT ENGINEER
കെ.എ.പി.ജി


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Etumanoor




Government of Kerala
Local Self Government Department
CERTIFICATE OF INTERNSHIP

Certified that Miss. ANAKHA M, Ellathuveli House, Mayithara PO, Cherthala, Alappuzha, student of B Tech Civil Engineering (S 7. Reg No - GWE18CE005)) from Mangalam College of Engineering. College Road, Mangalam Hills, Vettimukal, Ettumanoor, PIN - 686631. Kottayam District has undergone internship for 15 days from 10/09/2021 to 26/09/2021 in this office and has attended various sites of works being executed under Rebuild Kerala Initiative by Project Implementation Unit (South Zone), Kottayam

04.10.2021
Kottayam




Saravaneswar LR
PEN - 187163
Assistant Executive Engineer
PIU South Zone. RKI
Kottayam


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

KERALA PUBLIC WORKS DEPARTMENT

Office of the Assistant Engineer
PWD Special Buildings Section No-1
District Hospital PO, Gen. Hospital
Compound, Alappuzha - 688011
☎ AE Mobile: +91-9496113246 ☎ 0477-2230161
✉ aseccion1@gmail.com

Date: 29th July 2019

CERTIFICATE

This is to certify that Miss. SAPARYA. S , student of B.Tech CE from (S₃) student of K R Gouriamma College of Engineering , Valamangalam Soth P O, Thuravoor Cherthala, Alappuzha 688532 District, has undergone internship for 7 days from 16/07/2019 to 23/07/2019 , in this office and has attended construction sites of works executed by the PWD office at TD Medical College, Vandanam, Alappuzha.




K. MANOJ

പബിക് വർക്കുകൾ
അസിസ്റ്റന്റ് എഞ്ചിനീയർ
പബിക് വർക്കുകൾ
688 011



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KALANTHARA
ENGINEERS & CONTRACTORS

CERTIFICATE

This is to certify that Mr. Muhammed Ijas Ismail , 2nd semester B. Tech Civil Engineering student of Mangalam Collage of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O, Ettumanoor, Kottayam686631 had undergone internship Programme in our company from 8th july 2012 to 12th july 2019. During the period of Internship programme with us he was found punctual, Hardworking and Inquisitive.

We wish him all success in his future assignments.

Place :

Date :

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

FEBIN ALEX VARGHESE
P. W. D. Contractor
L. No. 3C 16-17
Kalanthara House
Ch. 520

Near St. Antony's Church Jn., Chenappady, Kanjirapally
Email: kalantharaengineers@gmail.com
Phone: 81 29 67 6887, 8129676867

An ISO 9001-2000 certified company

VETTOOR CONSTRUCTION ENGINEERS (P) LTD.
Vetloor Centre, T.B. Road, Kottayam, Kerala - 686 001.
Tel: +91-481-2562332, 2561041, 2564855.
Fax: +91-481-2564332. e-mail: vettoor@vettoor.in
www.vettoorcenter.com



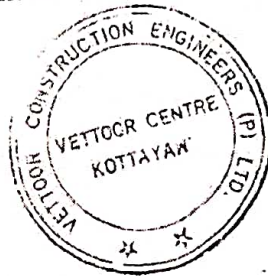
TO WHOMSOEVER IT MAY CONCERN

Date: 16/08/2019

This is to certify that Mr. Aboo Jacob 1st year B-Tech student from Mangalam College of Engineering, Ettumanoor, has undergone an internship program at Kosamattom Tower Site in Kottayam which is one of our major projects from 15/7/2019 to 19/7/2019. During this program, he showed keen interest in learning work from the site and successfully completed his internship training.

We wish him the very best for his future endeavors.

Dr.
Er. Deepa Vivish
Associate Managing Director



[Signature]
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

► DESIGNERS ► ENGINEERS ► BUILDERS ► GOVT. APPROVED VALUERS

Date : 23-07-2019

To Whom so ever it may concern

This is to certify that, Shree Alfin P Reji, is a student of 1st year in Mangalam Engineering college Eattumanoor, Kottayam has been under vocational training at the construction site of Lissie Hospital projects at Lissie Junction, Ernakulam from 15th july to 21st july, forwarded by us.

Shree Alfin P Reji compleated his training on various jobs of civil construction. ie : Building works , Brick works, Shuttering, Centering of steel R.C.C work and retaining wall successfully.

His attendance and performance during training found excellent.

We wish him all success and well place in life.

For Planners Group



General Manager

REMESH BABU PILLAI K.P
Reg No E-8331/18/SB-3952/KLM
Department of Urban Affairs
Government of Kerala

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

VETTOR CONSTRUCTION ENGINEERS (P) LTD.
Vetloor Centre, T.B. Road, Kottayam, Kerala - 686 001.
Tel: +91-481-2562332, 2561041, 2564855.
Fax: +91-481-2584332. e-mail: vetloor@vetloor.in.
www.vetloorcenter.com

 **vettoo**
building a new community

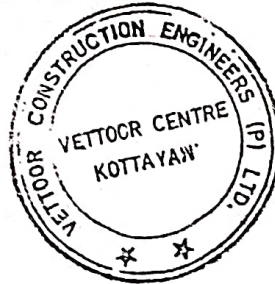
TO WHOMSOEVER IT MAY CONCERN


Date: 16/08/2019

This is to certify that Mr. Ajay Bijumon 1st year B-Tech student from Mangalam College of Engineering, Ettumanoor, has undergone an internship program at Kosamattom Tower Site in Kottayam which is one of our major projects from 15/7/2019 to 19/7/2019. During this program, he showed keen interest in learning work from the site and successfully completed his internship training.

We wish him the very best for his future endeavors.


Er. Deepa Vivish
Associate Managing Director




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Secretary General

President

Date : 23-07-2019

To Whom so ever it may concern

This is to certify that, Shree Dharmajith M D, is a student of 1st year in Mangalam Engineering college Eattumanoor, Kottayam has been under vocational training at the construction site of Lissie Hospital projects at Lissie Junction, Ernakulam from 15th july to 21st july, forwarded by us.

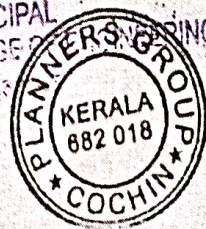
Shree Dharmajith M D compleated his training on various jobs of civil construction. ie : Building works , Brick works, Shuttering, Centering of steel R.C.C work and retaining wall successfully.

His attendance and performance during training found excellent.

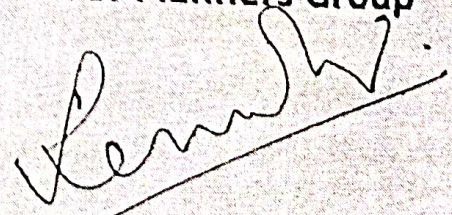
We wish him all success and well place in life.



PRINCIPAL
MANGALAM COLLEGE
Ettumanoor



For Planners Group



General Manager

REMESH BABU PILLAI.K.P
Reg.No.E-8331/18/SB-3952/KLM
Department of Urban Affairs
Government of Kerala

Date : 23-07-2019

To Whom so ever it may concern

This is to certify that, Shree Asif Muhammed, is a student of 1st year in Mangalam Engineering college Eattumanoor, Kottayam has been under vocational training at the construction site of Lissie Hospital projects at Lissie Junction, Ernakulam from 15th july to 21st july, forwarded by us.

Shree Asif Muhammed completed his training on various jobs of civil construction. ie : Building works , Brick works, Shuttering, Centering of steel R.C.C work and retaining wall successfully.

His attendance and performance during training found excellent.

We wish him all success and well place in life.

For Planners Group



General Manager

REMESH BABU PILLAI.K.P
Reg.No.E-8331/18/SB-3952/KLM
Department of Urban Affairs
Government of Kerala

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

THE TRAVANCORE SUGARS & CHEMICALS LTD.

(A KERALA GOVERNMENT COMPANY)

VALANJAVATTOM P.O., THIRUVALLA , KERALA- 689 104

Tele: Office : 0469 - 2610711, 2610712, 2610465 Fax : 2610446

E-mail : travancoresugars65@gmail.com website:www.travancoresugars.com

KGST No. 14025011 dt.26.02.1991 CST No.32030257465C TIN 32030257465 CIN L15421KL1937SGC001176

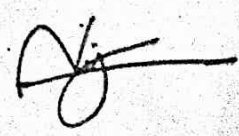
No. MPA /PW/2019

07.08.2019

TO WHOM SO EVER IT MAY CONCERN

In recognition of commitment to achieve professional excellence, this certificate has been awarded to **Mr. AKSHAY A .S**, Reg No. LMLM16EE044, S6 Electrical & Electronics Engineering, Mangalam College of Engineering, Ettumanoor for successful completion of **"INTERNSHIP"** on **Electrical project Maintenance and Installation** from July 25 to July 31st 2019 in our organization


MANAGER (P&A) 7/3/19
Travancore Sugars And Chemicals Ltd


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Kerala State Electronics Development Corporation Ltd.
(A Government of Kerala Undertaking)

KELTRON

CIN : U74000KL10728GC002450

ITBG - Knowledge Services Group

GSTIN : 32AABCK131PE4Z8

Phone: 0471-2724765 || Helpline No: +91 9108665545 || E-mail: iteg@keltron.org || Website Link : ksg.keltron.in

KSG/G210/INTP/19-10/L3930

01.10.2019

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. AMAL V PURUSHAN
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Vettimukal, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical and Electronics Engineering
Student's Registration No.	MLM18EE006
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Conducted	Keltron REC (G210), Hmt Jn., Kalamassey, Ernakulam, Kerala
Online Portal Registration No.	KI009966
Roll No./Register No.	K19G210I110586
Program Category	INTERNSHIP
Period & Duration of the Program	24.07.2019 to 30.07.2019 (1 Week)
Area of Exposure	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics
Status	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Temp.No. KSG/INTP/Type-1/2, 01.04.2019

Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram, Kerala State, India. Pin.695 033, Tel: 0471-4094444

Doc. No : KSG/LH07-19/007(5000)

Visit us at our website : <http://www.keltron.org>


KSG/60/INTP/19-08/L2157


16.08.2019

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ANANTHUMON C S
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor (P.O), Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical & Electronics Engineering
Student's Registration No.	MLM18EE007
Semester / Year of Study	3 rd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI007565
Roll No./Register No.	K1960110121
Program Category	INTERNSHIP
Period & Duration of the Program	18.07.2019 to 24.07.2019 (1 Week)
Area of Exposure	Circuit designing & Realization, (Automatic Water Level Controller) Design, AWLC-PCB Designing, AWLC-Soldering & Assembling, Testing & Presentation.
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Temp.No:KSG/INTP/Type-1/2-01-04-2019

Kerala State Electronics Development Corporation Ltd.
(A Government of Kerala Undertaking)

KELTRON
CIN : U74999KL19723GCC002450

ITBG - Knowledge Services Group

GSTIN : 32AABCK1319E4Z5

Phone: 0471-2724765 || Helpline No: +91 9188685545 || E-mail: iteg@keltron.org || Website Link : ksg.keltron.in


KSG/G210/INTP/19-10/L3935

01.10.2019


CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. ANUJA ANOSH
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Vettimukal, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical and Electronics Engineering
Student's Registration No.	MLM18EE008
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Conducted	Keltron REC (G210), Hmt Jn., Kalamassey, Ernakulam, Kerala
Online Portal Registration No.	KI009971
Roll No./Register No.	K19G210I110577
Program Category	INTERNSHIP
Period & Duration of the Program	24.07.2019 to 30.07.2019 (1 Week)
Area of Exposure	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics
*Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Form No. KSG/INTP/19-10/01/01/2019

Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram, Kerala State, India. Pin:695 033, Tel: 0471-4094444

Doc. No : KSG/LH/07-19/007(5000)

Visit us at our website : <http://www.keltron.org>

Kerala State Electronics Development Corporation Ltd.
(A Government of Kerala Undertaking)

ITBG - Knowledge Services Group

GSTIN: 32AAACK1319E425

Phone: 0471-2724765 || Helpline No: +91 9188665545 || E-mail: itcg@keltron.org || Website Link: ksg.keltron.in

KELTRON[®]

CIN: U74999KL1972SGC002450


KSG/G210/INTP/19-10/L3942

01.10.2019


CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ARUN ABRAHAM
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Vettimukal, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical and Electronics Engineering
Student's Registration No.	MLM18EE009
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Conducted	Keltron REC (G210), Hmt Jn., Kalamassey, Ernakulam, Kerala
Online Portal Registration No.	KI009973
Roll No./Register No.	K19G210I110581
Program Category	INTERNSHIP
Period & Duration of the Program	24.07.2019 to 30.07.2019 (1 Week)
Area of Exposure	System Architecture Design, SBC Programming, Code Optimization
Status	COMPLETED SUCCESSFULLY


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PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Temp No. KSG/INTP/Type-1/201042019

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Doc. No: KSG/INTP/07-18/007/5000

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ITBG - Knowledge Services Group

ESTD : 2004

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KSG/60/INTP/19-08/L2156

16.08.2019

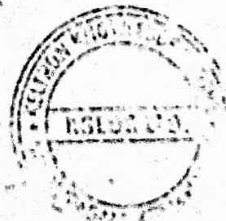
CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ASWIN K KUMAR
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor (P.O), Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech In Electrical & Electronics Engineering
Student's Registration No.	MLM18EE010
Semester / Year of Study	3 rd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pullickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI007566
Roll No./Register No.	K19601110120
Program Category	INTERNSHIP
Period & Duration of the Program	18.07.2019 to 24.07.2019 (1 Week)
Area of Exposure	Circuit designing & Realization, (Automatic Water Level Controller) Design, AWLC-PCB Designing, AWLC-Soldering & Assembling, Testing & Presentation.
Status	COMPLETED SUCCESSFULLY



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Ettumanoor, Kottayam, Kerala
16.08.2019

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Form No : KSGA/INTP-18/004/2009

KSG/G210/INTP/19-10/L3934

01.10.2019

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. KRISHNENDU
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Vettimukal, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical and Electronics Engineering
Student's Registration No.	MLM18EE013
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Conducted	Keltron REC (G210), Hmt Jn., Kalamassey, Ernakulam, Kerala
Online Portal Registration No.	KI009970
Roll No./Register No.	K19G210I110578
Program Category	INTERNSHIP
Period & Duration of the Program	24.07.2019 to 30.07.2019 (1 Week)
Area of Exposure	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics
Status	COMPLETED SUCCESSFULLY

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Ettumanoor

Form No KSG/INTP/19-10/2019


KSG/G210/INTP/19-10/L3934

01.10.2019


CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. KRISHNENDU
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Vettimukal, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical and Electronics Engineering
Student's Registration No.	MLM18EE013
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Conducted	Keltron REC (G210), Hmt Jn., Kalamassey, Ernakulam, Kerala
Online Portal Registration No.	KI009970
Roll No./Register No.	K19G210I110578
Program Category	INTERNSHIP
Period & Duration of the Program	24.07.2019 to 30.07.2019 (1 Week)
Area of Exposure	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics
Status	COMPLETED SUCCESSFULLY


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Form No. KSG/INTP/19-10/2019

KSG/60/INTP/19-08/L2153

16.08.2019

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. MAREENA THOMAS
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor (P.O), Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical & Electronics Engineering
Student's Registration No.	MLM18EE015
Semester / Year of Study	3 rd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI007572
Roll No./Register No.	K1960I110117
Program Category	INTERNSHIP
Period & Duration of the Program	18.07.2019 to 24.07.2019 (1 Week)
Area of Exposure	Circuit designing & Realization, (Automatic Water Level Controller) Design, AWLC-PCB Designing, AWLC-Soldering & Assembling, Testing & Presentation.
Status	COMPLETED SUCCESSFULLY

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Temp.No./KSG/INTP/Type 1/2/01/04/2019

KSG/G210/INTP/19-10/L3941

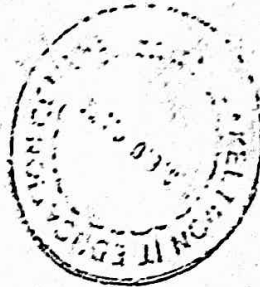
01.10.2019


CERTIFICATE

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Name of the Student	Mr. RAHUL
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Vettimukal, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical and Electronics Engineering
Student's Registration No.	MLM18EE016
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Conducted	Keltron REC (G210), Hmt Jn., Kalamassey, Ernakulam, Kerala
Online Portal Registration No.	KI009972
Roll No./Register No.	K19G210I110576
Program Category	INTERNSHIP
Period & Duration of the Program	24.07.2019 to 30.07.2019 (1 Week)
Area of Exposure	System Architecture Design, SBC Programming, Code Optimization
Status	COMPLETED SUCCESSFULLY


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Website Link: ksg.keltron.in

KELTRON

CIN : U74099KL1972SGC002450

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01.10.2019

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. R KAILAS
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Vettimukal, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech In Electrical and Electronics Engineering
Student's Registration No.	MLM18EE017
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Conducted	Keltron REC (G210), Hmt Jn., Kalamassey, Ernakulam, Kerala
Online Portal Registration No.	K1009967
Roll No./Register No.	K19G210I110584
Program Category	INTERNSHIP
Period & Duration of the Program	24.07.2019 to 30.07.2019 (1 Week)
Area of Exposure	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics
Status	COMPLETED SUCCESSFULLY

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01.10.2019


CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. VAISHAKH VINOD
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Vettimukal, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical and Electronics Engineering
Student's Registration No.	MLM18EE020
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Conducted	Keltron REC (G210), Hmt Jn., Kalamassey, Ernakulam, Kerala
Online Portal Registration No.	KI009968
Roll No./Register No.	K19G210I110585
Program Category	INTERNSHIP
Period & Duration of the Program	24.07.2019 to 30.07.2019 (1 Week)
Area of Exposure	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics
Status	COMPLETED SUCCESSFULLY


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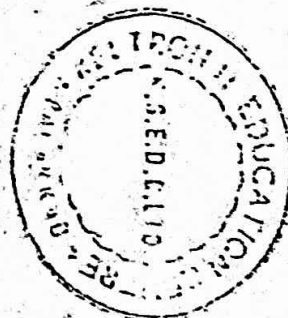
01.10.2019


CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. VISHAKH VINOD
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Vettimukal, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical and Electronics Engineering
Student's Registration No.	MLM18EE019
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Conducted	Keltron REC (G210), Hmt Jn., Kalamassey, Ernakulam, Kerala
Online Portal Registration No.	KI009969
Roll No./Register No.	K19G210I110582
Program Category	INTERNSHIP
Period & Duration of the Program	24.07.2019 to 30.07.2019 (1 Week) -
Area of Exposure	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics
Status	COMPLETED SUCCESSFULLY


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KSG/60/INTP/19-08/L2154

16.08.2019


CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. ALISHA PRAKASH
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor (P.O), Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical & Electronics Engineering
Student's Registration No.	MLM18EE005
Semester / Year of Study	3 rd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI007570
Roll No./Register No.	K1960110118
Program Category	INTERNSHIP
Period & Duration of the Program	18.07.2019 to 24.07.2019 (1 Week)
Area of Exposure	Circuit designing & Realization, (Automatic Water Level Controller) Design, AWLC-PCB Designing, AWLC-Soldering & Assembling, Testing & Presentation.
Status	COMPLETED SUCCESSFULLY



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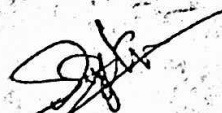
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16.08.2019

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ALBEEN P REJI
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor (P.O), Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical & Electronics Engineering
Student's Registration No.	MLM18EE003
Semester / Year of Study	3 rd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI007573
Roll No./Register No.	K1960I110116
Program Category	INTERNSHIP
Period & Duration of the Program	18.07.2019 to 24.07.2019 (1 Week)
Area of Exposure	Circuit designing & Realization, (Automatic Water Level Controller) Design, AWLC-PCB Designing, AWLC-Soldering & Assembling, Testing & Presentation.
Status	COMPLETED SUCCESSFULLY


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16.08.2019


KSG/60/INTP/19-08/L2155

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Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. A AKSHATHA
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor (P.O), Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical & Electronics Engineering
Student's Registration No.	MLM18EE001
Semester / Year of Study	3 rd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI007568
Roll No./Register No.	K1960I110119
Program Category	INTERNSHIP
Period & Duration of the Program	18.07.2019 to 24.07.2019 (1 Week)
Area of Exposure	Circuit designing & Realization, (Automatic Water Level Controller) Design, AWLC-PCB Designing, AWLC-Soldering & Assembling, Testing & Presentation.
Status	COMPLETED SUCCESSFULLY


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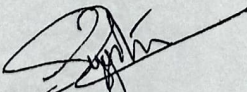
KSG/16/INTP/19-09/L2968

03.09.2019

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ALLEN JOE JOSEPH
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS011
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI007874
Roll No./Register No.	K19161110158
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co Design, Trends in Electronics Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services) Head of Centre
Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686 001



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


KSG/16/INTP/19-09/L2969

03.09.2019

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ALAN REJI
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS010
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI006282
Roll No./Register No.	K1916I110159
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co Design, Trends in Electronics Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY


Authorized Signatory, Head of Centre
(Knowledge Services), Keltron Knowledge Centre
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Nagampadam, Kottayam-686 001



MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


KSG/16/INTP/19-09/L2967

03.09.2019

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ANTONY SHINOY
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS023
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI006286
Roll No./Register No.	K1916I110157
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co Design, Trends in Electronics Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)
Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686 001



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KSG/16/INTP/19-09/L2960

03.09.2019

CERTIFICATE

Certified that the Student has completed the **Internship Program** conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. BINSON BINOY
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS038
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI005795
Roll No./Register No.	K19161110150
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co Design, Trends in Electronics Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services) Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686 001



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GSTIN 32AAACN1319E425

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KSG/16/INTP/19-09/L2970

03.09.201

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as the particulars given below:

Name of the Student	Mr. CRIST JOSEPH
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS040
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI006299
Roll No./Register No.	K19161110160
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co Design, Trends in Electronic Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY


Head of Centre
Authorized Signatory
(Knowledge Services)
Keltron Knowledge Centre
Shopping Complex
Nagampadam, Kottayam-686 001



ITBG - Knowledge Services Group

GSTIN 32AABCK1319E4Z5

Phone : 0471-2724765 || Helpline No: +91 9188665545 || E-mail: iteg@keltron.org || Website Link : ksg.keltron.in


03.09.2019

KSG/16/INTP/19-09/L2966

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ANANTHAKRISHNAN K R
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS016
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI005692
Roll No./Register No.	K19161110156
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co Design, Trends in Electronics Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)
Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686 001



Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram, Kerala State, India. Pin:695 033, Tel:0471-4094444
Visit us at our website : <http://www.keltron.org>

ITBG - Knowledge Services Group

GSTIN : 32AABCK1319E4Z5

Phone : 0471-2724765 || Helpline No: +91 9188665545 || E-mail: iteg@keltron.org || Website Link : ksg.keltron.in


KSG/16/INTP/19-09/L2964

03.09.2019

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:


Name of the Student	Mr. ALAN JOHN THOMAS
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS009
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI007875
Roll No./Register No.	K1916I110154
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co Design, Trends in Electronics Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686 001



Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram, Kerala State, India, Pin: 695 033, Tel: 0471-4094444
Visit us at our website : <http://www.keltron.org>


MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

KSG/16/INTP/19-09/L2965

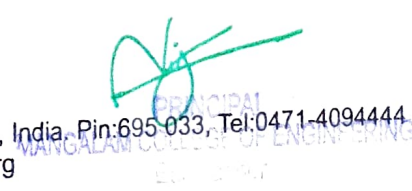
03.09.2019

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. AMAL C ANIL
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS013
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI000830
Roll No./Register No.	K19161110155
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co-Design, Trends in Electronics Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY


Head of Centre
Keltron Knowledge Centre
Authorized Signatory
(Knowledge Services)
Municipal Shopping Complex
Nagampadam, Kottayam-686 001



ITBG - Knowledge Services Group

GSTIN 32AABCK1319L4Z5

Phone : 0471-2724765 || Helpline No: +91 9188665545 || E-mail: iteg@keltron.org || Website Link : ksg.keltron.in


03.09.2019

KSG/16/INTP/19-09/L2971

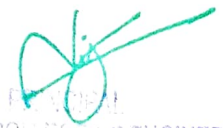
CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ABHISHEK SOMAN
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS002
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI005803
Roll No./Register No.	K1916I110161
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co Design, Trends in Electronics Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686 001



Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram, Kerala State, India. Pin:695 033, Tel:0471-4094444

Visit us at our website : <http://www.keltron.org>


KSG/16/INTP/19-09/L2979

03.09.2019


CERTIFICATE

Certified that the Student has completed the **Internship Program** conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ABHIRAJ P NAIR
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS001
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI005691
Roll No./Register No.	K19161110169
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co Design, Trends in Electronics Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY


Authorized Signatory Head of Centre
(Knowledge Services) Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686 001




MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

CERTIFICATE

This is to certify that

ANGADH RAMNATH

student of

MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR

has completed 10 days internship training in **Cyber Security & Ethical Hacking** from 5th February 2021 at ZINDOT TECHNOLOGIES, Calicut. During this intern period, we found him/her a sincere, honest, hardworking, dedicated student with a professional attitude and very good professional knowledge.

We wish you every success in all future endeavours.

Date : 17 February 2021



Director

ZINDOT TECHNOLOGIES



ITBG - Knowledge Services Group

GSTIN : 32AABCK1319E4Z5

Phone: 0471-2724765 || Helpline No: +91 9188665545 || E-mail: iteg@keltron.org || Website Link : ksg.keltron.in

17.01.2020

KSG/60/INTP/20-01/L4266

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. ARYA UDAYAKUMAR
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM19CS036
Semester / Year of Study	1 st Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI010473
Roll No./Register No.	K1960110163
Program Category	INTERNSHIP
Period & Duration of the Program	06.01.2020 to 12.01.2020 (1 Week)
Area of Exposure	Programming Fundamentals, Control Statements, Arrays, Strings, Functions, Structure
Status	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)



Head of Centre

Keltron Knowledge Centre

Municipal Shopping Complex

Nagamoodam, Kottayam-686001

Regd. Office: Keltron House, Vellayambalam, Thiruvananthapuram, Kerala State, India. Pin: 695 033, Tel: 0471-4094444

Doc. No : KSG/LH/07-19/007(5000)

Visit us at our website : <http://www.keltron.org>

Temp No KSG/INTP/20/01/L4266/019



techonetechnologies.in

CERTIFICATE

This is to certify that
Arathy krishna
Student of
Mangalam college of engineering, ettumanoor

Has completed 5 days internship training in ANDROID APP DEVELOPMENT from 2nd june 2021 at Techone Technologies Pvt.Ltd, Wayanad. During this intern period, we found him/her a sincere, honest, hardworking, dedicated student with a professional attitude along with a very good professional knowledge. We wish you every success in all future endeavours.

Date: 14-06-2021




Director
TECHONE TECHNOLOGIES PVT. LTD.

CIN:U72900KL2019PTC058909

techonetechnologies@gmail.com

Kerala State Electronics Development Corporation Ltd.
(A Government of Kerala Undertaking)

KELTRON[®]
CIN : U74099KL1972SGC002450

ITBG - Knowledge Services Group

GSTIN : 32AABCK1319E4Z5

Phone: 0471-2724765 || Helpline No: +91 9188665545 || E-mail: ileg@keltron.org || Website Link : ksg.keltron.in

17.01.2020

KSG/60/INTP/20-01/L4265

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. ANJANA PRAKASH
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM19CS026
Semester / Year of Study	1 st Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI010472
Roll No./Register No.	K1960I110162
Program Category	INTERNSHIP
Period & Duration of the Program	06.01.2020 to 12.01.2020 (1 Week)
Area of Exposure	Programming Fundamentals, Control Statements, Arrays, Strings, Functions, Structure
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)
Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686 001



Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram, Kerala State, India. Pin:695 033, Tel: 0471-4094444

Doc. No : KSG/LH/07-19/007(5000)

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Temp No KSG/INTP/Type 1/201/04/2019



IBAND
Technologies

17/07/2019

CERTIFICATE

This is to certify that Anamika K, having the university register number : MLM18CS015, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies, Infopark, Kochi, from 12/07/2019 to 17/07/2019.

For IBAND Technologies

HR Manager





IBAND
Technologies

17/07/2019

CERTIFICATE

This is to certify that **Aparna Babu**, having the university register number : MLM18CS025, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For IBAND Technologies

HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



iBAND
Technologies

17/07/2019

CERTIFICATE

This is to certify that Aswathy Sasikumar, having the university register number : MLM18CS033, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For IBAND Technologies

HR Manager





iBAND
Technologies

17/07/2019

CERTIFICATE

This is to certify that Archana Raju, having the university register number : MLM18CS028, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at iBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For iBAND Technologies

HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



IBAND
Technologies

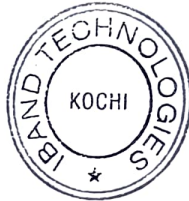
17/07/2019

CERTIFICATE

This is to certify that Aswin Sunil, having the university register number MLM18CS036, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For IBAND Technologies

HR Manager



17/07/2019

CERTIFICATE

This is to certify that Arya P Nair, having the university register number : MLM18CS030, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For IBAND Technologies



HR Manager



17/07/2019

CERTIFICATE

This is to certify that Ardra Sreekumar having the university register number MI MISC S029, B.Tech. Computer Science Engineering student of Mangalam College of Engineering, Ettimanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies, Infopark Kochi from 12/07/2019 to 17/07/2019.


For IBAND Technologies



HR Manager



IBAND Technologies, SBC-1, Thapasya, Infopark, Cochin - 30
Ph: 9447333333, Mob: +91 9495950774, E-mail: hr@ibandtech.com, www.ibandtech.com


MANGALAM COLLEGE OF ENGINEERING
Ettimanoor



IBAND
Technologies

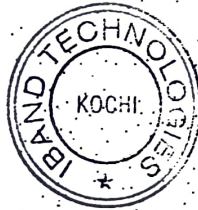
17/07/2019

CERTIFICATE

This is to certify that Athulya Surendran, having the university register number : MLM18CS037, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For IBAND Technologies

HR Manager





IBAND
Technologies

17/07/2019

CERTIFICATE

This is to certify that Anjana S Nair, having the university register number : MLM18CS019, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For IBAND Technologies

HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



iBAND
Technologies

17/07/2019

CERTIFICATE

This is to certify that Anju S having the university register number : MLM18CS020, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at iBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For iBAND Technologies

HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



IBAND
Technologies

17/07/2019

CERTIFICATE

This is to certify that Anumol Sajan , having the university register number : MLM18CS024, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For IBAND Technologies

HR Manager



17/07/2019

CERTIFICATE

This is to certify that Anns Issac, having the university registered number : MLM18CS021, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For IBAND Technologies



HR Manager



iBAND Technologies - 23/11/2019, Pappasaya, Infopark, Kakkanad, Kochi -30
Ph: 0484 - 4015455, Mob: +91 9449 01 1111, E-mail - info@ibandtech.com, Web: www.ibandtech.com

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

CERTIFICATE

This is to certify that Giny Mary John, having the university register number MLM18CS045, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies, Infopark, Kochi from 12/07/2019 to 17/07/2019.

For IBAND Technologies



HR Manager



IBAND

17/07/2019

CERTIFICATE

This is to certify that Anamika K, having the university register number : MLM18CS015, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android-Application Development' at IBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For IBAND Technologies



HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING

17/07/2019

CERTIFICATE

This is to certify that Aishwarya Suresh, having the university register number : MLM18CS004, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For IBAND Technologies



HR Manager

CERTIFICATE

OF INTERNSHIP.

THIS CERTIFICATE IS PROUDLY PRESENTED TO

AISWARYA DEVI

has Successfully Completed 5 Days Internship in DATA SCIENCE with PYTHON
in STEPZ Development Centre, Kottayam



Shabhy Kuruvilla

CENTRE HEAD



ARSHA DE TRUST

MANGALAM COLLEGE OF ENGINEERING
Principal
Kottayam

CERTIFICATE

OF INTERNSHIP.

IS BEING PRESENTED TO

ADHEENA BABU

of **STEPZ Development Centre, Kottayam**



Adheena Babu

[Signature]

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
KOTTAYAM



CERTIFICATE

OF INTERNSHIP.

ANJANA GRACE GEORGE

Has Successfully Completed 5 Days Internship in AIA SCIENCE DIVISION
at STEPZ Development Centre, Kottayam



Stepzily

Stepzily

[Handwritten Signature]



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
KOTTAYAM



CERTIFICATE

OF INTERNSHIP.

THIS CERTIFICATE IS PROUDLY PRESENTED TO:

ANAKHA P S

has Successfully Completed 5 Days Internship in DATA SCIENCE with PYTHON
in STEPZ Development Centre, Kottayam



Shaiyq Kuruvilla

Shaiyq Kuruvilla

CENTRE HEAD



ARSHA DE TRUST



CERTIFICATE

OF INTERNSHIP.

THIS CERTIFICATE IS PROUDLY PRESENTED TO:

ELIZABETH K JACOB

has Successfully Completed 5 Days Internship in DATA SCIENCE with PYTHON
in STEPZ Development Centre, Kottayam

Shaijy

Shaijy Kurumilla

CENTRE HEAD



ARSHA DE TRUST

STEPZ

MANGALAM UNIVERSITY

CERTIFICATE

OF INTERNSHIP.

THIS CERTIFICATE IS PROUDLY PRESENTED TO

CELINA JYOTHI

has Successfully Completed 5 Days Internship in DATA SCIENCE with PYTHON
in STEPZ Development Centre, Kottayam



Shreejy Kurevella

Centre Head



11th Floor, Erumala Tower
Opposite Ann Theatre,
Kothamanagalam, Kerala 686691
8943734570
proxsoftsolution@gmail.com
www.proxsoftsolution.in

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MAKE IT SIMPLE. MAKE IT MEMORABLE

INTERNSHIP CERTIFICATE

This certifies that Mr. **ASWIN P ANIL** has completed internship in ASP.NET in our centre from 10/7/2019 to 25/7/2019.

We found him sincere, hardworking, dedicated and result oriented. He worked well as a part of the team during his tenure.

We take this opportunity to thank him and wish him all the best for his future.

Seethal kumar s
Director



11th Floor, Erumala Tower
Opposite Ann Theatre.
Kothamanagalam, Kerala 686691
8943734570
proxsoftsolution@gmail.com
www.proxsoftsolution.in

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MAKE IT SIMPLE. MAKE IT MEMORABLE


INTERNSHIP CERTIFICATE

This certifies that Mr. YADHU KRISHNAN has completed internship in ASP.NET in our centre from 10/7/2019 to 25/7/2019.

We found him sincere, hardworking, dedicated and result oriented. He worked well as a part of the team during his tenure.

We take this opportunity to thank him and wish him all the best for his future.

Seethal kumar s
Director


MANGALAM COLLEGE OF ENGINEERING
ERUMALAM

CERTIFICATE

This is to certify that

ASWATHY REGHU

student of

COCHIN INSTITUTE OF SCIENCE AND TECHNOLOGY

has completed 15 days internship training in **Robotics** from 14th JULY 2019 TORC INFOTECH, Kochi. During this intern period, we found him/her a since honest, hardworking, dedicated student with a professional attitude and very go professional knowledge.

We wish you every success in all future endeavours.

Date : 30 JULY 2019


Director

TORC INFOTECH




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ERNAKULAM

CERTIFICATE

This is to certify that

DAGENA C MARTIN

student of

MANGALAM COLLEGE OF ENGINEERING


has completed 5 days internship training in ROBOTICS from 2nd JANUARY 2020 at TORC INFOTECH, Kochi. During this intern period, we found him/her a sincere, honest, hardworking, dedicated student with a professional attitude and very good professional knowledge.

We wish you every success in all future endeavours.

Date : 7 JANUARY 2020


Director
TORC INFOTECH




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING

CERTIFICATE

This is to certify that

DEVU V. S
student of

MANGALAM COLLEGE OF ENGINEERING

has completed 5 days internship training in ROBOTICS from 2nd JANUARY 2020 at TORC INFOTECH, Kochi. During this intern period, we found him/her a sincere, honest, hardworking, dedicated student with a professional attitude and very good professional knowledge.

We wish you every success in all future endeavours.

Date : 7 JANUARY 2020



Director

TORC INFOTECH



A handwritten signature in blue ink is written over a blue rectangular stamp. The stamp contains the text "MANGALAM COLLEGE OF ENGINEERING" and "EDAPPALLY" below it.

Kerala State Electronics Development Corporation Ltd.
(A Government of Kerala Undertaking)

KELTRON[®]
CIN : U74999KL1972SGC002450

ITBG - Knowledge Services Group

GSTIN 32AABCK1319E423

Phone: 0471-2724765

Helpline No: +91 9188665545

E-mail: ileg@keltron.org

Website Link : ksg.keltron.in

17.01.2020

KSG/60/INTP/20-01/L4264

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ABU ARAVIND
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM19CS007
Semester / Year of Study	1 st Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI010471
Roll No./Register No.	K1960I110161
Program Category	INTERNSHIP
Period & Duration of the Program	06.01.2020 to 12.01.2020 (1 Week)
Area of Exposure	Programming Fundamentals, Control Statements, Arrays, Strings, Functions, Structure
Status	COMPLETED SUCCESSFULLY

Authorized Signatory
(Knowledge Services)
Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686 001



Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram, Kerala State, India. Pin:695 033, Tel: 0471-4094444

Doc. No : KSG/LH/07-18/007(5000)

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CERTIFICATE

This is to certify that

DEVIKA NANDAKUMAR

student of

MANGALAM COLLEGE OF ENGINEERING

has completed 5 days internship training in ROBOTICS from 2nd JANUARY 2020 at TORC INFOTECH, Kochi. During this intern period, we found him/her a sincere, honest, hardworking, dedicated student with a professional attitude and very good professional knowledge.

We wish you every success in all future endeavours.

Date : 7 JANUARY 2020


Director

TORC INFOTECH





PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING

techonetechnologies.in



CERTIFICATE

This is to certify that

Abijith Biju

Student of

MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR

Has completed 5 days internship training in ANDROID APP DEVELOPMENT from 2nd june 2021 at Techone Technologies Pvt.Ltd. Wayanad. During this intern period, we found him/her a sincere, honest, hardworking, dedicated student with a professional attitude along with a very good professional knowledge. We wish you every success in all future endeavours.

Director
TECHONE TECHNOLOGIES PVT. LTD.

techonetechnologies@gmail.com

Date: 14-06-2021



CIN:U72900KL2019PTC058909

CERTIFICATE

This is to certify that

GOVIND G DAS

student of

MANGALAM COLLEGE OF ENGINEERING

has completed 5 days internship training in ROBOTICS from 2nd JANUARY 2020 at TORC INFOTECH, Kochi. During this intern period, we found him/her a sincere, honest, hardworking, dedicated student with a professional attitude and very good professional knowledge.
We wish you every success in all future endeavours.

Date : 7 JANUARY 2020


Director

TORC INFOTECH





PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Littorment



CERTIFICATE

This is to certify that

G HARIKRISHNA

student of

MANGALAM COLLEGE OF ENGINEERING

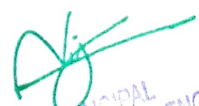
has completed 5 days internship training in ROBOTICS from 2nd JANUARY 2020 at TORC INFOTECH, Kochi. During this intern period, we found him/her a sincere, honest, hardworking, dedicated student with a professional attitude and very good professional knowledge.

We wish you every success in all future endeavours.

Date : 7 JANUARY 2020


Director
TORC INFOTECH




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING

Kerala State Electronics Development Corporation Ltd.
(A Government of Kerala Undertaking)

KELTRON[®]
CIN : U74999KL1972SGC002450

ITBG - Knowledge Services Group

GSTIN : 32AABCK1319E4Z5

Phone: 0471-2724765 || Helpline No: +91 9188665545 || E-mail: iteg@keltron.org || Website Link : ksg.keltron.in

17.01.2020

KSG/60/INTP/20-01/L4263

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. HARIKRISHNAN B
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM19CS060
Semester / Year of Study	1 st Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI010470
Roll No./Register No.	K1960I110160
Program Category	INTERNSHIP
Period & Duration of the Program	06.01.2020 to 12.01.2020 (1 Week)
Area of Exposure	Programming Fundamentals, Control Statements, Arrays, Strings, Functions, Structure
Status	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)



Head of Centre

Keltron Knowledge Centre

Municipal Shopping Complex

Regd. Office : Keltron House, Kottayam, Kerala State, India. Pin: 695 033, Tel: 0471-4094444

Doc. No : KSG/LH/07-19/007(5000)

Visit us at our website : <http://www.keltron.org>

Form No. KSG/INTP/Type-1/2.01.04.2019



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MANGALAM COLLEGE OF ENGINEERING

KSG/60/INTP/20-01/L4254

17.01.2020

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. DIYA MERIN BABU
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM19CS053
Semester / Year of Study	1 st Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI010453
Roll No./Register No.	K19601110151
Program Category	INTERNSHIP
Period & Duration of the Program	03.01.2020 to 09.01.2020 (1 Week)
Area of Exposure	Programming Fundamentals, Control Statements, Arrays, Strings, Functions, Structure
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Regd. Office, Kottayam - 686 001
Keltron House, Vellayambalam, Thiruvananthapuram, Kerala State, India. Pin: 695 033, Tel: 0471-4094444




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Doc. No : KSG/LH/07-19/007(5000)

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MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

KSG/60/INTP/20-01/L4269

17.01.2020

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. ANKITHA MURALI
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM19CS028
Semester / Year of Study	1 st Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI010476
Roll No./Register No.	K1960I110166
Program Category	INTERNSHIP
Period & Duration of the Program	06.01.2020 to 12.01.2020 (1 Week)
Area of Exposure	Programming Fundamentals, Control Statements, Arrays, Strings, Functions, Structure
Status	COMPLETED SUCCESSFULLY



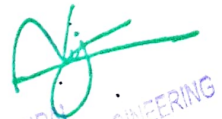
Authorized Signatory
(Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Kottayam - 686 001

Regd. Office: Keltron House, Vellayambalam, Thiruvananthapuram, Kerala State, India. Pin.695 033, Tel: 0471-4094444

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MANGALAM COLLEGE OF ENGINEERING

KSG/60/INTP/20-01/L4261

17.01.2020

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. ANN THERESE JOSEPH
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM19CS030
Semester / Year of Study	1 st Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI010468
Roll No./Register No.	K1960110158
Program Category	INTERNSHIP
Period & Duration of the Program	06.01.2020 to 12.01.2020 (1 Week)
Area of Exposure	Programming Fundamentals, Control Statements, Arrays, Strings, Functions, Structure
Status	COMPLETED SUCCESSFULLY



**Authorized Signatory
(Knowledge Services)**



**Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex**

Regd. Office: KSEDC House, Vellayambalam, Thiruvananthapuram, Kerala State, India. Pin: 695 033, Tel: 0471-4094444

Doc. No : KSG/LH/07-18/007(5000)

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Temp No: KSG/INTP/Type 1/2 01 04 2019

KSG/60/INTP/20-01/L4255

17.01.2020

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. ARATHY KRISHNA
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM19CS032
Semester / Year of Study	1 st Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI010454
Roll No./Register No.	K1960110152
Program Category	INTERNSHIP
Period & Duration of the Program	03.01.2020 to 09.01.2020 (1 Week)
Area of Exposure	Programming Fundamentals, Control Statements, Arrays, Strings, Functions, Structure
Status	COMPLETED SUCCESSFULLY

Authorized Signatory
(Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Naganipadam, Kottayam-686 001

Form No. KSG/INTP/Type 1/2/01/04/2019

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Kerala State Electronics Development Corporation Ltd.
(A Government of Kerala Undertaking)

KELTRON[®]
CIN : U74999KL1972SGC002450

ITBG - Knowledge Services Group

GSTIN : 32AABCK1319E4Z5

Phone: 0471-2724765 || Helpline No: +91 9188665545 || E-mail: ileg@keltron.org || Website Link : ksg.keltron.in

KSG/60/INTP/20-01/L4267

17.01.2020

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. ANJU BABU
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM19CS027
Semester / Year of Study	1 st Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala - 686575, Kerala
Online Portal Registration No.	KI010474
Roll No./Register No.	K1960I110164
Program Category	INTERNSHIP
Period & Duration of the Program	06.01.2020 to 12.01.2020 (1 Week)
Area of Exposure	Programming Fundamentals, Control Statements, Arrays, Strings, Functions, Structure
Status	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)



Head of Centre

Keltron Knowledge Centre

Municipal Shopping Complex

Reganpalam, Kottayam - 686500

Doc. No : KSG/LH/07-19/007(5000)

Temp No KSG/INTP/Type 1/2 01 04 2019

Reganpalam, Kottayam - 686500, Vellayambalam, Thiruvananthapuram, Kerala State, India. Pin:695 033, Tel: 0471-4094444

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KSG/16/INTP/19-09/L2961

03.09.2019

CERTIFICATE

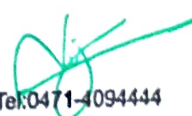
Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. MILAN JOSEPH SEBASTIAN
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/D discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS066
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI006285
Roll No./Register No.	K19161110151
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co Design, Trends in Electronics Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)
Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686 001



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PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING

ITBG - Knowledge Services Group

GSTIN 32AABCK1319E4Z5

Phone 0471-2724765 || Helpline No +91 9180665545 || E-mail. itbg@keltron.org || Website Link ksg.keltron.in

03.09.2019

KSG/16/INTP/19-09/L2974

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. PAUL BINO JOSEPH
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS071
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI006495
Roll No./Register No.	K1916110164
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co Design, Trends in Electronics Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686 03



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

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Doc. No. KSG/LH/07-19/007(5000)

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03.09.2019

KSG/16/INTP/19 09/L2963

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ROSHIN RAJU
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS077
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI007601
Roll No./Register No.	K1916I110153
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co Design, Trends in Electronics Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY

Authorized Signatory: Head of Centre
(Knowledge Services) Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686 001



(Handwritten signature in green ink)

17/07/2019

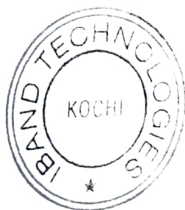
CERTIFICATE

This is to certify that Sreelakshmi A M , having the university register number : MLM18CS086, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For IBAND Technologies



HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Ref: IPSR/ADM/2019 - 101

Kottayam

16.07.2019

Certificate

This is to certify that Ms. Meera Anna Joseph (REG No: MLM18CS065) B.Tech (Computer Science & Engineering- S2) student of Mangalam College Of Engineering Ettumanoor successfully completed an Industrial training program in Python at ipshr solutions ltd from 10th July 2019 to 16th July 2019.

During internship training, we have found her studious, hardworking and industrious.

We wish success in all her future endeavor

Jul
C. J. Mendus
Mrs. Benita Mendus



Director (Training & Corporate Services)

03.09.2019

KSG/16/INTP/19-09/L2975

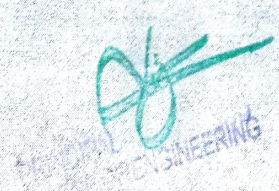
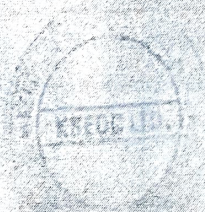
CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. YEDUKRISHNAN J
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM18CS090
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (16), Nagampadam, Kottayam, Kerala
Online Portal Registration No.	KI007244
Roll No./Register No.	K1916I110165
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Hardware - Software Co Design, Trends in Electronics Industry, Sensor Interfacing, IoT Deployment
Status	COMPLETED SUCCESSFULLY

Authorized Signatory
(Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686 001





iBAND
Technologies

17/07/2019

CERTIFICATE

This is to certify that Joel Cyriac , having the university register number : MLM18CS057, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor has successfully completed internship training program in 'Android Application Development' at IBAND Technologies , Infopark, Kochi from 12/07/2019 to 17/07/2019.

For IBAND Technologies

HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



Info@hyrelabs.com | +91-9674525882 / +91-9867790125

Scoobla Technology Private Limited

2nd floor, BizHub Workspaces, A/7, KHB Colony, 5th Block, Koramangala, Bangalore, Karnataka, 560095

CIN: U72300WB2015PTC206778

Date: July 25, 2019

Certificate of Internship

TO WHOM IT MAY CONCERN

This is to certify that **Mr. Nelson Paulose**, Second Semester Computer Science and Engineering student from Mangalam College of Engineering, Ettumanoor, Kerala, successfully completed two weeks of internship (From July 9, 2019 to July 23, 2019) with the Engineering team at Hyrelabs(Scoobla Technology Private Limited).

His online internship activity included operational management along with tooling development and familiarization with the resume parsing efforts at the Company. His key work included tooling development to facilitate data curation and running experiments with the collected data.

During the period of his internship program with us, he had been exposed to different Machine Learning and Artificial Intelligence processes. He was found punctual, hard working and inquisitive. We wish him every success in his life and career.

For Scoobla Technology Private Limited,

Adarsh Yagnik,
Co-founder

Director



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that the report entitled 'TRANSMISSION LINE FAULT MONITORING AND IDENTIFICATION SYESTEM USING IOT' submitted by Alan Jacob, Alen Sebastian Thomas, Ashly Rathen, Nithin T S to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements of the award of the Degree of Bachelor of Technology in Electrical and Electronics Engineering is a bonafide record of the seminar work carried out by him under my guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Internal Supervisor

Project Coordinator

HEAD OF THE DEPT

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that the report entitled 'Bill Prediction & Power Factor Measuring With SMS Alert' submitted by Aby Jose Jacob (MLM16EE001), Akshay Prathapan (MLM16EE002), Harikrishnan S (MLM16EE023), and Nithin Abraham (MLM16EE033) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements of the award of the Degree of Bachelor of Technology in Electrical and Electronics Engineering is a bonafide record of the project work carried out by them under my guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Internal Supervisor

External Supervisor

HEAD OF THE DEPT

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor