



(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- 2018-19

Sl No	Name of the course	No of students	Department	Date	Year	Duration
1	Advanced Energy Engineering	4	ME	7 January	2018-19	6 months
2	Advanced Manufacturing Technology	8	ME	7 January	2018-19	6 months
3	Advanced Mechanics of Solids	4	ME	7 January	2018-19	6 months
4	Advanced Metal Joining	4	ME	7 January	2018-19	6 months
5	Automobile Engineering	16	ME	7 January	2018-19	6 months
6	Basics of Civil Engineering	4	ME	7 January	2018-19	6 months
7	Basics of Electrical Engineering	28	ME	7 January	2018-19	6 months
8	Basics of Electronics Engineering	27	ME	7 January	2018-19	6 months
9	Calculus	4	ME	7 January	2018-19	6 months
10	Civil Engineering Workshop	4	ME	7 January	2018-19	6 months
11	Compressible Fluid Flow	4	ME	7 January	2018-19	6 months
12	Computer Aided Design and Analysis	4	ME	7 January	2018-19	6 months
13	Computer Aided Design and Analysis Lab	4	ME	7 January	2018-19	6 months
14	Computer Aided Machine Drawing Lab	4	ME	7 January	2018-19	6 months
15	Design and Engineering	4	ME	7 January	2018-19	6 months
16	Design of Machine Elements I	4	ME	7 January	2018-19	6 months
17	Design of Machine Elements II	4	ME	7 January	2018-19	6 months
18	Electrical & Electronics Lab	4	ME	7 January	2018-19	6 months
19	Electrical Drives & Control for Automation	4	ME	7 January	2018-19	6 months
20	Electrical Engineering Workshop	4	ME	7 January	2018-19	6 months
21	Electronics Engineering Workshop	4	ME	7 January	2018-19	6 months
22	Engineering Chemistry	23	ME	7 January	2018-19	6 months
23	Engineering Chemistry Lab	4	ME	7 January	2018-19	6 months
24	Engineering Graphics	4	ME	7 January	2018-19	6 months
25	Engineering Mechanics	12	ME	7 January	2018-19	6 months
26	Engineering Physics	26	ME	7 January	2018-19	6 months
27	Financial Management and Accounting	1	ME	7 January	2018-19	6 months
28	Fluid Machinery	4	ME	7 January	2018-19	6 months
29	Fluid Mechanics & Machines Lab	4	ME	7 January	2018-19	6 months
30	Heat & Mass Transfer	4	ME	7 January	2018-19	6 months
31	Human Resource Management	1	ME	7 January	2018-19	6 months
32	Industrial Engineering	7	ME	7 January	2018-19	6 months
33	Linear Algebra & Complex Analysis	4	ME	7 January	2018-19	6 months
34	Machine Tools & Digital Manufacturing	4	ME	7 January	2018-19	6 months
35	Manufacturing Technology	26	ME	7 January	2018-19	6 months

36	Manufacturing Technology Lab I	3	ME	7 January	2018-19	6 months
37	Manufacturing Technology Lab II	1	ME	7 January	2018-19	6 months
38	Marketing Management	1	ME	7 January	2018-19	6 months
39	Material Handling & Facilities Planning	4	ME	7 January	2018-19	6 months
40	Material Testing Lab	4	ME	7 January	2018-19	6 months
41	Materials & Supply Chain Management	1	ME	7 January	2018-19	6 months
42	Mechanical Engineering Lab	4	ME	7 January	2018-19	6 months
43	Mechanical Engineering Workshop	4	ME	7 January	2018-19	6 months
44	Mechanics of Fluids	4	ME	7 January	2018-19	6 months
45	Mechanics of Machinery	4	ME	7 January	2018-19	6 months
46	Mechanics of Solids	4	ME	7 January	2018-19	6 months
47	Mechatronics	4	ME	7 January	2018-19	6 months
48	Metallurgy and Materials Engineering	4	ME	7 January	2018-19	6 months
49	Metrology and Instrumentation	5	ME	7 January	2018-19	6 months
50	Non-Destructive Testing	1	ME	7 January	2018-19	6 months
51	Organizational Behaviour	1	ME	7 January	2018-19	6 months
52	Practical Project Management	1	ME	7 January	2018-19	6 months
53	Principles of Management	1	ME	7 January	2018-19	6 months
54	Probability Distributions, Transforms and Numerical Methods	1	ME	7 January	2018-19	6 months
55	Project	95	ME	7 January	2018-19	6 months
56	Project (Phase 1)	1	ME	7 January	2018-19	6 months
57	Project (Phase 2)	1	ME	7 January	2018-19	6 months
58	Quality Management	1	ME	7 January	2018-19	6 months
59	Quantitative Techniques	1	ME	7 January	2018-19	6 months
60	Refrigeration & Air Conditioning	8	ME	7 January	2018-19	6 months
61	Seminar and Project Preliminary	95	ME	7 January	2018-19	6 months
62	Thermal Engineering	4	ME	7 January	2018-19	6 months
63	Thermal Engineering Lab	4	ME	7 January	2018-19	6 months
64	Thermodynamics	4	ME	7 January	2018-19	6 months
65	Total Quality Management	1	ME	7 January	2018-19	6 months
66	Computer Programming	26	EEE	7 January	2018-19	6 months
67	DC Machines and Transformers	2	EEE	7 January	2018-19	6 months
68	Design & Engineering	10	EEE	7 January	2018-19	6 months
69	Introduction to Electrical Engineering	26	EEE	7 January	2018-19	6 months
70	Power Quality	6	EEE	7 January	2018-19	6 months
71	Advanced Control Theory	5	EEE	7 January	2018-19	6 months
72	Analog Electronic Circuits	7	EEE	7 January	2018-19	6 months
73	ANALOG ELECTRONICS	15	EEE	7 January	2018-19	6 months
74	Applications of Special Electrical Machines	2	EEE	7 January	2018-19	6 months
75	Basic Electrical Workshop	6	EEE	7 January	2018-19	6 months
76	Biomedical Instrumentation	6	EEE	7 January	2018-19	6 months
77	Circuits & Networks	26	EEE	7 January	2018-19	6 months
78	Circuits and Measurements Lab	4	EEE	7 January	2018-19	6 months

79	Computer Applications in Power Systems	2	EEE	7 January	2018-19	6 months
80	Computer Networks	9	EEE	7 January	2018-19	6 months
81	Computer Programming Lab	26	EEE	7 January	2018-19	6 months
82	Design Project	43	EEE	7 January	2018-19	6 months
83	Digital Circuits and Embedded Systems Lab	4	EEE	7 January	2018-19	6 months
84	Digital Electronics And Logic Design	4	EEE	7 January	2018-19	6 months
85	Digital Signal Processing	2	EEE	7 January	2018-19	6 months
86	Distributed generation and smart grids	3	EEE	7 January	2018-19	6 months
87	Elective - I Electric Drive Systems	3	EEE	7 January	2018-19	6 months
88	Electric Drives	4	EEE	7 January	2018-19	6 months
89	Electrical Machine Design	6	EEE	7 January	2018-19	6 months
90	Electrical Machines Lab I	4	EEE	7 January	2018-19	6 months
91	Electrical Machines Lab II	4	EEE	7 January	2018-19	6 months
92	Electrical system design	4	EEE	7 January	2018-19	6 months
93	Electromagnetics	26	EEE	7 January	2018-19	6 months
94	Electronic Circuits Lab	26	EEE	7 January	2018-19	6 months
95	Electronic communication	8	EEE	7 January	2018-19	6 months
96	Embedded Controllers for Power Convertors	3	EEE	7 January	2018-19	6 months
97	Engineering Physics	25	EEE	7 January	2018-19	6 months
98	Engineering Physics Lab	26	EEE	7 January	2018-19	6 months
99	Facts & Power Quality	3	EEE	7 January	2018-19	6 months
100	High Voltage DC Transmission	3	EEE	7 January	2018-19	6 months
101	Industrial Control Electronics	2	EEE	7 January	2018-19	6 months
102	Industrial Instrumentation &Automation	5	EEE	7 January	2018-19	6 months
103	Linear Control Systems	10	EEE	7 January	2018-19	6 months
104	Industrial Training	3	EEE	7 January	2018-19	6 months
105	Linear Control Systems	10	EEE	7 January	2018-19	6 months
106	Main Project	29	EEE	7 January	2018-19	6 months
107	Material Science	78	EEE	7 January	2018-19	6 months
108	Measurements And Instrumentation	26	EEE	7 January	2018-19	6 months
109	Microprocessor and Embedded Systems	15	EEE	7 January	2018-19	6 months
110	Mini Project	2	EEE	7 January	2018-19	6 months
111	Modelling and Analysis of Electrical Machines	2	EEE	7 January	2018-19	6 months
112	New and Renewable Energy Systems	11	EEE	7 January	2018-19	6 months
113	Optimization Techniques for Engineering Applications	2	EEE	7 January	2018-19	6 months
114	Power Electronic Devices & Circuits	3	EEE	7 January	2018-19	6 months
115	Power Electronics	8	EEE	7 January	2018-19	6 months
116	Power Electronics and Drives Lab	4	EEE	7 January	2018-19	6 months
117	Power Electronics Lab	3	EEE	7 January	2018-19	6 months
118	Power Generation, Transmission and Protection	8	EEE	7 January	2018-19	6 months
119	Power System Analysis	8	EEE	7 January	2018-19	6 months

120	Power System Dynamics and Stability	2	EEE	7 January	2018-19	6 months
121	Power system Lab	11	EEE	7 January	2018-19	6 months
122	Power System Operation and Control	2	EEE	7 January	2018-19	6 months
123	Power Systems Simulation Lab	3	EEE	7 January	2018-19	6 months
124	Project Phase 1	3	EEE	7 January	2018-19	6 months
125	Renewable Energy Systems	3	EEE	7 January	2018-19	6 months
126	Research Methodology	3	EEE	7 January	2018-19	6 months
127	Seminar & Project Preliminary	26	EEE	7 January	2018-19	6 months
128	Signals and Systems	4	EEE	7 January	2018-19	6 months
129	Special Electric Machines	7	EEE	7 January	2018-19	6 months
130	Special Electric Machines	7	EEE	7 January	2018-19	6 months
131	Switched Mode Power Converters	3	EEE	7 January	2018-19	6 months
132	Synchronous And Induction Machines	2	EEE	7 January	2018-19	6 months
133	Systems and Control Lab	9	EEE	7 January	2018-19	6 months
134	WeB Technologies	25	CSE	7 January	2018-19	6 months
135	Software Engineering And Project Management	12	CSE	7 January	2018-19	6 months
136	Object Oriented Design and Programming	22	CSE	7 January	2018-19	6 months
137	Electronic Circuits Lab	1	CSE	7 January	2018-19	6 months
138	Computer Programming	1	CSE	7 January	2018-19	6 months
139	computer Programming Lab	1	CSE	7 January	2018-19	6 months
140	Distributed computing	4	CSE	7 January	2018-19	6 months
141	COMPUTER ORGANIZATION AND ARCHITECTURE	4	CSE	7 January	2018-19	6 months
142	Artificial intelligence	4	CSE	7 January	2018-19	6 months
143	BASICS OF ELECTRICAL & ELECTRONICS ENGINEERING	4	CSE	7 January	2018-19	6 months
144	Embedded System	4	CSE	7 January	2018-19	6 months
145	DESIGN & ENGINEERING	4	CSE	7 January	2018-19	6 months
146	Programming Paradigm	4	CSE	7 January	2018-19	6 months
147	DIGITAL LAB	4	CSE	7 January	2018-19	6 months
148	operatting System	4	CSE	7 January	2018-19	6 months
149	free open source software Lab	4	CSE	7 January	2018-19	6 months
150	Introduction to Industrial Automation	4	CSE	7 January	2018-19	6 months
151	MACHINE LEARNING	4	CSE	7 January	2018-19	6 months
152			CSE	7 January	2018-19	6 months
153	Diigital Communication	4	CSE	7 January	2018-19	6 months
154	Design and analysis of algorithm	4	CSE	7 January	2018-19	6 months
155	Biomedical Engineering	4	CSE	7 January	2018-19	6 months
156	cryptography and network security	4	CSE	7 January	2018-19	6 months
157	Principles of information Security	4	CSE	7 January	2018-19	6 months
158	Bio Informatics	4	CSE	7 January	2018-19	6 months
159	cryptography and network security	4	CSE	7 January	2018-19	6 months
160	Principles of information Security	4	CSE	7 January	2018-19	6 months

161	Bio Informatics	4	CSE	7 January	2018-19	6 months
162	graph theory and combinatorics	2	CSE	7 January	2018-19	6 months
163	data structures Lab	3	CSE	7 January	2018-19	6 months
164	Mobile computing	4	CSE	7 January	2018-19	6 months
165	Computer System Architecture	4	CSE	7 January	2018-19	6 months
166	Application Software development Lab	4	CSE	7 January	2018-19	6 months
167	Computer Graphics	4	CSE	7 January	2018-19	6 months
168	Basics of Robotics	4	CSE	7 January	2018-19	6 months
169	Mobile computing	3	CSE	7 January	2018-19	6 months
170	WeB Technology	4	CSE	7 January	2018-19	6 months
171	Network Programming Lab	4	CSE	7 January	2018-19	6 months
172	Analog Communication	4	CSE	7 January	2018-19	6 months
173	data mining and data warehouse	4	CSE	7 January	2018-19	6 months
174	Introduction to computing and Problem Solving	4	CSE	7 January	2018-19	6 months
175	Computer Science workshop	4	CSE	7 January	2018-19	6 months
176	system software	3	CSE	7 January	2018-19	6 months
177	microprocessor and micro controllers	3	CSE	7 January	2018-19	6 months
178	micro processor Lab	3	CSE	7 January	2018-19	6 months
179	Computer networks	3	CSE	7 January	2018-19	6 months
180	switching theory and logic design	3	CSE	7 January	2018-19	6 months
181	data communication	3	CSE	7 January	2018-19	6 months
182	Logic For Computer Science	4	CSE	7 January	2018-19	6 months
183	soft Computing	4	CSE	7 January	2018-19	6 months
184	compiler design	4	CSE	7 January	2018-19	6 months
185	compiler design lab	4	CSE	7 January	2018-19	6 months
186	Object oriented design	4	CSE	7 January	2018-19	6 months
187	principles of database design	4	CSE	7 January	2018-19	6 months
188	software engineering and project management	4	CSE	7 January	2018-19	6 months
189	Theory of computation	4	CSE	7 January	2018-19	6 months
190	artificial intelligence	4	CSE	7 January	2018-19	6 months
191	weB Technology	3	CSE	7 January	2018-19	6 months
192	Design Project	99	CSE	7 January	2018-19	6 months
193	advanced database management	1	CSE	7 January	2018-19	6 months
194	web security	1	CSE	7 January	2018-19	6 months
195	Automata Theory and Computability	1	CSE	7 January	2018-19	6 months
196	advanced database management	1	CSE	7 January	2018-19	6 months
197	web security	1	CSE	7 January	2018-19	6 months
198	Automata Theory and Computability	1	CSE	7 January	2018-19	6 months
199	big data processing	1	CSE	7 January	2018-19	6 months
200	Computer security and applied cryptography	1	CSE	7 January	2018-19	6 months
201	modern Computer Networks	1	CSE	7 January	2018-19	6 months
202	advanced data structuree and algorithms	1	CSE	7 January	2018-19	6 months
203	web services	1	CSE	7 January	2018-19	6 months

204	modern Computer Networks	1	CSE	7 January	2018-19	6 months
205	advanced data structuree and algorithms	1	CSE	7 January	2018-19	6 months
206	web services	1	CSE	7 January	2018-19	6 months
207	Research Methodology	1	CSE	7 January	2018-19	6 months
208	Network Simulation Lab	1	CSE	7 January	2018-19	6 months
209	Wireless Sensor Networks	1	CSE	7 January	2018-19	6 months
210	Bioinformatics	1	CSE	7 January	2018-19	6 months
211	Advanced Computing Lab	1	CSE	7 January	2018-19	6 months
212	Social Network Analytics	1	CSE	7 January	2018-19	6 months
213	Distributed Computing Systems	1	CSE	7 January	2018-19	6 months
214	Operating System Design Concepts	1	CSE	7 January	2018-19	6 months
215	Wireless Sensor Networks	1	CSE	7 January	2018-19	6 months
216	Mini Project	3	CSE	7 January	2018-19	6 months
217	Seminar & Project Preliminary	40	CSE	7 January	2018-19	6 months
218	Advanced CMOS VLSI	2	ECE	7 January	2018-19	6 months
219	Advanced Communication Systems	8	ECE	7 January	2018-19	6 months
220	Advanced Digital Design	2	ECE	7 January	2018-19	6 months
221	ANALOG COMMUNICATION ENGINEERING	15	ECE	7 January	2018-19	6 months
222	ANALOG INTEGRATED CIRCUITS	10	ECE	7 January	2018-19	6 months
223	ANALOG INTEGRATED CIRCUITS LAB	7	ECE	7 January	2018-19	6 months
224	ANTENNA & WAVE PROPAGATION	8	ECE	7 January	2018-19	6 months
225	BASICS OF ELECTRICAL ENGG	12	ECE	7 January	2018-19	6 months
226	CALCULUS	9	ECE	7 January	2018-19	6 months
227	CMOS VLSI Design	2	ECE	7 January	2018-19	6 months
228	COMMUNICATION ENGINEERING LAB	10	ECE	7 January	2018-19	6 months
229	Communication Systems Lab	7	ECE	7 January	2018-19	6 months
230	Computer Communication	10	ECE	7 January	2018-19	6 months
231	COMPUTER ORGANIZATION	11	ECE	7 January	2018-19	6 months
232	DESIGN AND ENGG	42	ECE	7 January	2018-19	6 months
233	DESIGN PROJECT	70	ECE	7 January	2018-19	6 months
234	Design with ARM microcontrollers	2	ECE	7 January	2018-19	6 months
235	DIFFERENTIAL EQUATIONS	11	ECE	7 January	2018-19	6 months
236	DIGITAL COMMUNICATION	23	ECE	7 January	2018-19	6 months
237	Digital Signal Processing	8	ECE	7 January	2018-19	6 months
238	Digital Signal Processing Lab	8	ECE	7 January	2018-19	6 months
239	Elective 1	2	ECE	7 January	2018-19	6 months
240	ELECTRONIC CIRCUITS	27	ECE	7 January	2018-19	6 months
241	ELECTRONIC DESIGN AUTOMATION LAB	7	ECE	7 January	2018-19	6 months
242	ELECTRONIC DEVICES & CIRCUITS LAB	34	ECE	7 January	2018-19	6 months
243	ELECTRONICS ENGINEERING WORKSHOP	42	ECE	7 January	2018-19	6 months
244	EMBEDDED SYSTEM	46	ECE	7 January	2018-19	6 months

245	Information Theory & Coding	11	ECE	7 January	2018-19	6 months
246	INTRODUCTION TO ELECTRONICS ENGG	15	ECE	7 January	2018-19	6 months
247	Lab	2	ECE	7 January	2018-19	6 months
248	LINEAR ALGEBRA & COMPLEX ANALYSIS	16	ECE	7 January	2018-19	6 months
249	LOGIC CIRCUIT DESIGN	4	ECE	7 January	2018-19	6 months
250	LOGIC CIRCUITDESIGN LAB	4	ECE	7 January	2018-19	6 months
251	MEMS	19	ECE	7 January	2018-19	6 months
252	MICROCONTROLLER LAB	16	ECE	7 January	2018-19	6 months
253	MICROPROCESSOR & MICROCONTROLLERS	8	ECE	7 January	2018-19	6 months
254	Microprocessors and Microcontrollers	13	ECE	7 January	2018-19	6 months
255	Microwave & Radar Engg	21	ECE	7 January	2018-19	6 months
256	MINI PROJECT	2	ECE	7 January	2018-19	6 months
257	Mixed Signal Circuit Design	11	ECE	7 January	2018-19	6 months
258	Nanoelectronics	13	ECE	7 January	2018-19	6 months
259	NETWORK THEORY	18	ECE	7 January	2018-19	6 months
260	OBJECT ORIENTED PROGRAMMING	16	ECE	7 January	2018-19	6 months
261	POWER ELECTRONICS & INSTRUMENTATION	6	ECE	7 January	2018-19	6 months
262	Power Electronics and Instrumentation	8	ECE	7 January	2018-19	6 months
263	Power Electronics and Instrumentation Lab	7	ECE	7 January	2018-19	6 months
264	PROJECT	39	ECE	7 January	2018-19	6 months
265	PROJECT (PHASE 1)	4	ECE	7 January	2018-19	6 months
266	PROJECT (PHASE II)	4	ECE	7 January	2018-19	6 months
267	PROJECT PRELIMINARY	39	ECE	7 January	2018-19	6 months
268	REAL TIME OPERATING SYSTEMS	22	ECE	7 January	2018-19	6 months
269	Research Methodology	2	ECE	7 January	2018-19	6 months
270	Responsible Engineering	9	ECE	7 January	2018-19	6 months
271	ROBOTICS	8	ECE	7 January	2018-19	6 months
272	Seminar	2	ECE	7 January	2018-19	6 months
273	SOLID STATE DEVICES	11	ECE	7 January	2018-19	6 months
274	VLSI	16	ECE	7 January	2018-19	6 months
275	VLSI Technology	2	ECE	7 January	2018-19	6 months
276	BUSINESS & SOCIETY	7	MBA	7 January	2018-19	6 months
277	Retail Marketing	4	MBA	7 January	2018-19	6 months
278	Comprehensive project	69	MBA	7 January	2018-19	6 months
279	Organizational Behaviour 2	1	MBA	7 January	2018-19	6 months
280	BUSINESS & SOCIETY	2	MBA	7 January	2018-19	6 months
281	Human Resource management	1	MBA	7 January	2018-19	6 months
282	Marketing Management 1	1	MBA	7 January	2018-19	6 months
283	Organizational Behaviour 2	2	MBA	7 January	2018-19	6 months
284	BUSINESS & SOCIETY	4	MBA	7 January	2018-19	6 months
285	Organizational Behaviour 2	2	MBA	7 January	2018-19	6 months
286	Financial management 1	2	MBA	7 January	2018-19	6 months
287	BUSINESS & SOCIETY	5	MBA	7 January	2018-19	6 months
288	Business Research Methods	68	MBA	7 January	2018-19	6 months
289	Bussiness Communication	1	MBA	7 January	2018-19	6 months
290	Commercial Banking System	18	MBA	7 January	2018-19	6 months
291	COST AC ING&BUDGET CONTROL	15	MBA	7 January	2018-19	6 months
292	ENTREPRENEURSHIP	15	MBA	7 January	2018-19	6 months

293	FINANCIAL MANAGEMENT 1	20				
			MBA	7 January	2018-19	6 months
294	Financial management 1	7				
			MBA	7 January	2018-19	6 months
295	FINANCIAL STATEMENT ANALYSIS	20				
			MBA	7 January	2018-19	6 months
296	Human Resource management	3				
			MBA	7 January	2018-19	6 months
297	Internship	57				
			MBA	7 January	2018-19	6 months
298	LEADERSHIP INFLUENCE & POWER	14				
			MBA	7 January	2018-19	6 months
299	Management Information Sstem	1				
			MBA	7 January	2018-19	6 months
300	Managerial Economics	1				
			MBA	7 January	2018-19	6 months
301	Marketing Management 1	14				
			MBA	7 January	2018-19	6 months
302	NBFC&MICROFINANCE	17				
			MBA	7 January	2018-19	6 months
303	NEGOTIATION & CONFLICT RESOLUTION	15				
			MBA	7 January	2018-19	6 months
304	Operations management	10				
			MBA	7 January	2018-19	6 months
305	Organizational Behaviour 2	14				
			MBA	7 January	2018-19	6 months
306	Quatitative Techniques	1				
			MBA	7 January	2018-19	6 months
307	Retail Marketing	6				
			MBA	7 January	2018-19	6 months
308	RURAL MARKETING	9				
			MBA	7 January	2018-19	6 months
309	SERVICES MARKETING	8				
			MBA	7 January	2018-19	6 months
310	Soft Skills I	1				
			MBA	7 January	2018-19	6 months
311	Soft Skills II	1				
			MBA	7 January	2018-19	6 months
312	Soft Skills III	1				
			MBA	7 January	2018-19	6 months
313	Analytical methods in Engineering	8				
			CE	7 January	2018-19	6 months
314	Civil Engineering Drafting Lab	8				
			CE	7 January	2018-19	6 months
315	Industrial Training	8				
			CE	7 January	2018-19	6 months
316	Project Phase I	8				
			CE	7 January	2018-19	6 months
317	Project Phase II	9				
			CE	7 January	2018-19	6 months
318	Theory of Elasticity	8				
			CE	7 January	2018-19	6 months
319	Advanced concrete technology	19				
			CE	7 January	2018-19	6 months
320	Advanced Design of Concrete Structures	8				
			CE	7 January	2018-19	6 months
321	Civil Engineering drafting lab	9				
			CE	7 January	2018-19	6 months
322	CIVIL ENGINEERING PROJECT MANAGEMENT	7				
			CE	7 January	2018-19	6 months
323	Computer Aided Civil Engineering Lab	28				
			CE	7 January	2018-19	6 months
324	Computer Application Lab	8				
			CE	7 January	2018-19	6 months
325	COMPUTER PROGRAMMING AND COMPUTATIONAL TECHNIQUES	6				
			CE	7 January	2018-19	6 months
326	Construction Technology	31				
			CE	7 January	2018-19	6 months
327	design of concrete structures	4				
			CE	7 January	2018-19	6 months
328	design of concrete structures I	4				
			CE	7 January	2018-19	6 months
329	design of concrete structures II	4				
			CE	7 January	2018-19	6 months
330	Design of hydraulic structures	5				
			CE	7 January	2018-19	6 months
331	design of steel structures	8				
			CE	7 January	2018-19	6 months
332	Design Project	91				
			CE	7 January	2018-19	6 months
333	Engineering mechanics	5				
			CE	7 January	2018-19	6 months
334	Environment & Pollution	8				
			CE	7 January	2018-19	6 months

338	Environmental Engineering I	30	CE	7 January	2018-19	6 months
339	Environmental Engineering II	8	CE	7 January	2018-19	6 months
337	Environmental Engineering Lab	20	CE	7 January	2018-19	6 months
338	Fluid Mechanics lab	7	CE	7 January	2018-19	6 months
339	Fluid mechanics I	5	CE	7 January	2018-19	6 months
340	Fluid mechanics II	9	CE	7 January	2018-19	6 months
341	Pneumatics	12	CE	7 January	2018-19	6 months
342	geotechnical engineering I	15	CE	7 January	2018-19	6 months
343	geotechnical engineering II	20	CE	7 January	2018-19	6 months
344	geotechnical engineering lab ground improvement techniques	8	CE	7 January	2018-19	6 months
345	Introduction to civil Engineering	6	CE	7 January	2018-19	6 months
347	Introduction to sustainable engineering	12	CE	7 January	2018-19	6 months
348	Material testing lab	14	CE	7 January	2018-19	6 months
349	Material testing lab II	6	CE	7 January	2018-19	6 months
350	Mechanics of solids	9	CE	7 January	2018-19	6 months
351	Mini Project	8	CE	7 January	2018-19	6 months
352	Quantity Surveying and Valuation	9	CE	7 January	2018-19	6 months
353	Seminar & Project Preliminary	43	CE	7 January	2018-19	6 months
354	Structural Analysis I	19	CE	7 January	2018-19	6 months
355	Structural Analysis II	8	CE	7 January	2018-19	6 months
356	Structural Analysis III	9	CE	7 January	2018-19	6 months
357	Structural Dynamics	8	CE	7 January	2018-19	6 months
358	Survey lab	9	CE	7 January	2018-19	6 months
359	Surveying	5	CE	7 January	2018-19	6 months
360	Traffic Engineering and Management	16	CE	7 January	2018-19	6 months
361	transportation engineering I	31	CE	7 January	2018-19	6 months
362	transportation engineering II	22	CE	7 January	2018-19	6 months
363	transportation engineering lab	16	CE	7 January	2018-19	6 months
364	water resource engineering	8	CE	7 January	2018-19	6 months

CVCC/18-19/585
17th September 2018

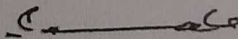
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Anakha Mcushavi a student of Civil Engineering Department of KVM College of Engineering & Information Technology, KVM College Road, Kokkothamangalam P O, Cherthala, Alappuzha - 688 527 had undergone an industrial training from 16th July 2018 to 18th July 2018 at our HLL, T D Medical College project site, Alappuzha.

This certificate is issued as per her request to produce before the college authorities.

We wish her all success in her future endeavors.

For Cherian Varkey Construction Co. (P) Ltd.

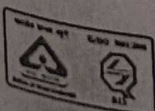


Director





PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



Certificate

To whomsoever it may concern

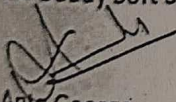
Date: 20-10-2018

This is to certify that Mr. Amal Prasad (S3 Civil) from Cochin Institute Of Science and Technology, Muvattupuzha had an industrial visit on 20th-oct-2018 in our company and attended a workshop on how to develop software products using SDLC and market it.

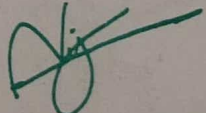
We wish him/her a good fortune.

Thanking you,

For Buddy Soft Solutions Pvt. Ltd.


Anto George
(Managing Director)



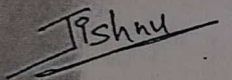

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

www.buddysoft.in

CERTIFICATE


This is to certify that Miss Gopika M S, student of second semester Civil Engineering of Mangalam college of Engineering, Ettumanoor has successfully completed the internship from 25.06.2018-29.06.2018 (5 days) under the supervision of this office for the partial fulfilment of her B.Tech curriculum.

For Pithavadian and Partners


JISHNU K
Project manager



30.06.2018
KAKKANAD


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



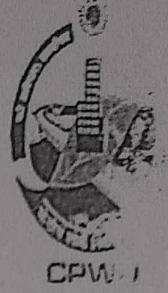
भारत सरकार

GOVERNMENT OF INDIA

केन्द्रीय लोक निर्माण विभाग CENTRAL PUBLIC WORKS DEPARTMENT

कोट्टयम केन्द्रीय उप मंडल सं. 1 KOTTAYAM CENTRAL SUB DIVISION NO.1

KPL Building ,Sastry Road, Kottayam.686 001

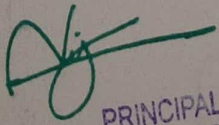


No.23(51)/KCSD1/KTM/2018/ 203

Dated. 12 /07./2018

CERTIFICATE

Certified that Mr.-Dinoy P Jose student IInd semester Civil Engineering of Mangalam College of Engineering ,College Road, Mangalam Hills ,Vettimukal P.O Kottayam was regular in attending the site of construction of Academic block II and Administrative building ,Hostel building and quarters for IIIT ,Valavoor Palai from 2nd July 2018 to 7th July 2018.This is a project of multistoreyed RCC framed structure with independent footing foundation and Mr. Dinoy P Jose could learn various stages of works like casting of footing , beams, columns, floor slabs and finishing works etc. He has successfully completed his industrial training programme .


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


RAJU P.G
सहायक अभियंता/Assistant Engineer
को.के.उ.म.१/KCSD1
के.लो.नि.वि/CPWD
कोट्टयम.६८६ ००१/Kottayam.686 001



KERALA WATER AUTHORITY

OFFICE OF THE ASST. EXECUTIVE ENGINEER,
W. S. P. SUB DIVISION, VAIKOM.

Phone 0481 2597218

email: kwavkm@gmail.com

CERIFICATE

Certified that Kum. Ani Roy, Kum. Betsy Sara Basil, Kum. Citta Thereas Mathew and Kum. Avani V Second semester students of Mangalam college of Engineering, Ettumanoor has successfully completed the internship from 10 July to 15 July (5 days) under my guidance in Kerala Water Authority for the partial fulfillment of their B. Tech degree course

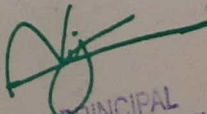
Vaikom

27/7/2018



Asst Executive Engineer

ASST. EXECUTIVE ENGINEER
W. S. P. SUB DIVISION
Kerala Water Authority
Vaikom


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KERALA WATER AUTHORITY

Office of the Executive Engineer

Project Division, Adoor.

Phone: - 04734-224839

e-mail- pdadoor@gmail.com

DATE: 12.07.2018

No. PDA/AE-I/GEN/2018

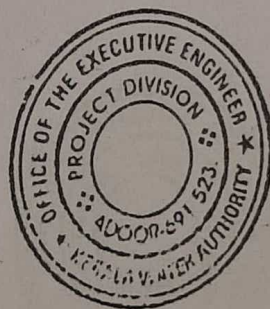
TO WHOM IT MAY CONCERN


This is to certify that Miss. B. S. Gayathri (Reg. No. MLM17CE043) student of second semester Civil Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed five day internship from 05.07.2018 to 10.07.2018 and submitted a detailed report regarding the same under the supervision of this office for the partial fulfillment of her B- tech curriculum

We wish them all the success in their future endeavors.

Assistant Engineer

~~ASSISTANT ENGINEER-I~~
~~KERALA WATER AUTHORITY~~
~~PROJECT DIVISION, ADOOR~~




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KERALA WATER AUTHORITY

Office of the Executive Engineer

Project Division, Adoor.

Phone: - 04734-224839

e-mail- pdadoor@gmail.com

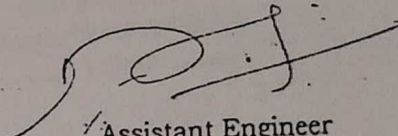
DATE: 12.07.2018

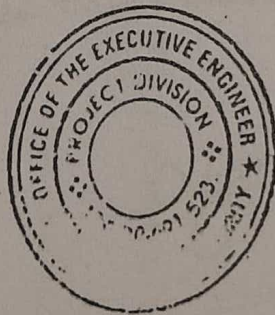
No. PDA/AE-1/GEN/2018

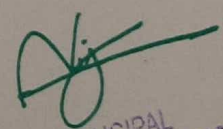
TO WHOM IT MAY CONCERN

This is to certify that Miss. Brinda P. Asok (Reg. No. MLM17CE042) student of second semester Civil Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed five day internship from 05.07.2018 to 10.07.2018 and submitted a detailed report regarding the same under the supervision of this office for the partial fulfillment of her B- tech curriculum

We wish them all the success in their future endeavors.


Assistant Engineer
KERALA WATER AUTHORITY
PROJECT DIVISION, ADOOR




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KERALA WATER AUTHORITY

OFFICE OF THE ASST. EXECUTIVE ENGINEER,
W. S. P. SUB DIVISION, VAIKOM.

Phone 0481-2597218

email: kwavkm@gmail.com

CERIFICATE

Certified that Kum.Ani Roy, Kum. Betsy Sara Basil, Kum.Citta Thereas Mathew and Kum. Ayani V Second semester students of Mangalam college of Engineering, Ettumanoor has successfully completed the internship from 10 July to 15 July (5 days) under my guidance in Kerala Water Authority for the partial fulfillment of their B. Tech degree course

Vaikom

27/7/2018



[Signature]
Asst Executive Engineer
Assistant Executive Engineer
WSP Sub Division
Kerala Water Authority
Vaikom

[Signature]
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



iBAND
Technologies

26/07/2018

CERTIFICATE

This is to certify that Aswini Jayakumar, having the university register number : MLM17CE035 , B.Tech Civil Engineering student of Mangalam College of Engineering, Kottayam has successfully completed internship training program in 'Structural Analysis of building' at IBAND Technologies, Infopark, Kochi from 09/07/2018 to 25/07/2018.

For IBAND Technologies

HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

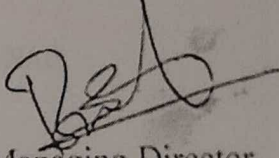


TERRAIN
BUILDING TOMORROW BETTER

TESTIMONIAL

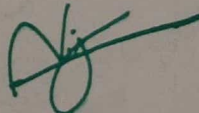
Mr. ASWIN P B has successfully completed his Internship in various sites under Terrain Constructions Pvt.Ltd, Thodupuzha during the period from 23/07/2018 to 27/07/2018 as a part of his course of study in Mangalam College of Engineering, Ettumanoor.

TERRAIN
CONSTRUCTIONS PVT. LTD
Sudarshan Towers, 1st Floor
Mangalam Bye Pass Junction
Thodupuzha - 685504


Managing Director

Place: Thodupuzha

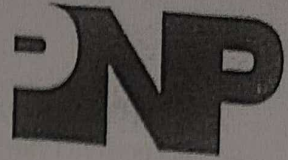
Date: 28/07/18


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

PITHAVADIAN AND PARTNERS®

10, Murugappa Road, Nawab Gardens,
Kotturpuram, Chennai - 600 085.
T - +91 44 2447 0333 / 44 7 66
F - +91 44 2447 0388
E : mail@paparchitect.com
W : www.paparchitect.com

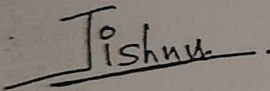
Architecture
Interior
Planning
Engineering
Management



CERTIFICATE

This is to certify that Miss Aswathy K M, student of second semester Civil Engineering of Mangalam college of Engineering, Ettumanoor has successfully completed the internship from 25.06.2018-29.06.2018 (5 days) under the supervision of this office for the partial fulfilment of her B.Tech curriculum.

For Pithavadian and Partners



JISHNU K

Project manager



30.06.2018

KAKKANAD



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


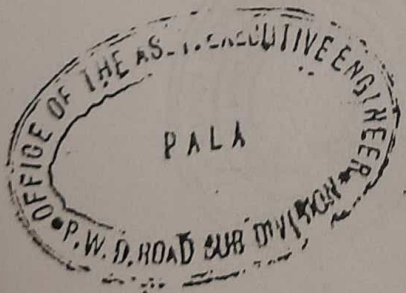
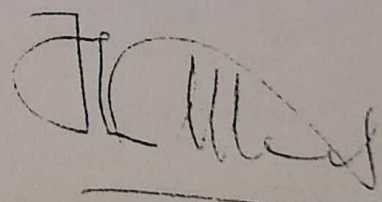
No. ABI.General-895/2018.

Kerala Public Works Department
Roads Sub-Division Pala.
Arunapuram P.O.
Kottayam dist- 686574
Date: 12/07/2018

Phone No. 04822-212371
www.kerala.gov.in
www.kerala.gov.in

CERTIFICATE

This is to certify that Ms. Assiya Noufal., 2nd Semester B. Tech Student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed 5 days Internship during 7th July to 12th July 2018 from this office. During the period, she has acquired experience in the various types of Road works and preliminary works of Pala river view Road etc. under my supervision and guidance.



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

No. ABI.General-895/2018.

Kerala Public Works Department

Roads Sub-Division Pala.

Arunapuram P.O.

Kottayam dist- 686574

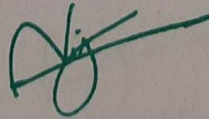
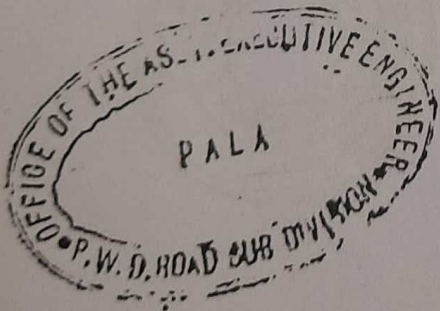
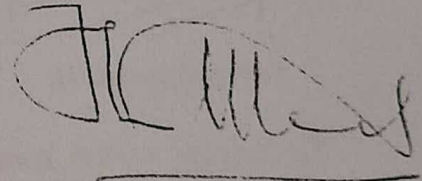
Date: 12/07/2018

Phone: 04822-212374

Mail: axvroadspala@gmail.com

CERTIFICATE

This is to certify that Ms. Assiya Noufal., 2nd Semester B. Tech Student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed 5 days Internship during 7th July to 12th July 2018 from this office. During the period, she has acquired experience in the various types of Road works and preliminary works of Pala river view Road etc. under my supervision and guidance.



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KERALA WATER AUTHORITY

Office of the Executive Engineer

Project Division, Adoor.

Phone: - 04734-224839

e-mail- pdadoor@gmail.com

No. PDA/AE-I/GEN/2018

DATE: 12.07.2018

TO WHOM IT MAY CONCERN

This is to certify that Miss. Ashitha Bahuleyan (Reg. No. MLM17CE030) student of second semester Civil Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed five day internship from 05.07.2018 to 10.07.2018 and submitted a detailed report regarding the same under the supervision of this office for the partial fulfillment of her B- tech curriculum

We wish them all the success in their future endeavors.



Assistant, Engineer

KERALA WATER AUTHORITY
PROJECT DIVISION, ADOOR

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

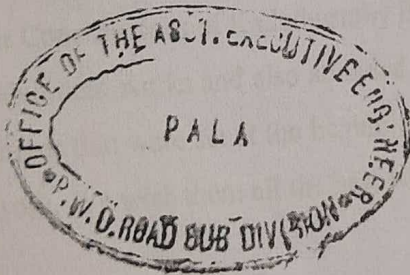
No. ABL.General-895/2018.

Phone No: 04822-212371
Email: aceroadspala@gmail.com

Kerala Public Works Department
Roads Sub-Division Pala,
Arunapuram P.O.
Kottayam dist- 686574
Date: 12/07/2018

CERTIFICATE

This is to certify that Ms. Arya Mohanan., 2nd Semester B. Tech Student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed 5 days Internship during 7th July to 12th July 2018 from this office. During the period, she has acquired experience in the various types of Road works and preliminary works of Pala river view Road etc. under my supervision and guidance.



A handwritten signature in black ink, appearing to be "A. J. S.", written over a horizontal line.

A handwritten signature in green ink, appearing to be "A. J. S.", written over a horizontal line.

MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Office of the Asst. Executive Engineer
P W D Roads Sub Division, Kaduthuruthy
PIN 686 604
Phone: 04829 284423. 8086395052
Email: aeepvdrkaduthuruthy@gmail.com

Dated:- 10.07.2018.

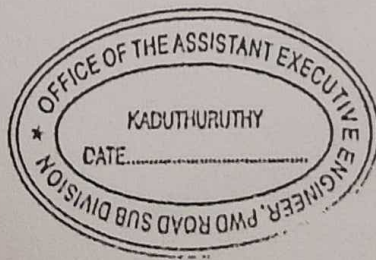
No. AB1-419/2018

TO WHOM IT MAY CONCERN

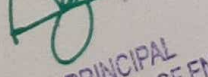
Subject:- Internship Certificate for Ajith Cherian Jacob, Ajmal Nazeer, Arjun Prasad
Second Semester B-Tech (Civil Engineering) Students, Mangalam College of
Engineering, Ettumanoor, Kottayam.

We state on record that Ajith Cherian Jacob, Ajmal Nazeer, Arjun Prasad have
successfully undergone 1 week Internship from 02.07.2018 to 10.07.2018 in Public Works
Department Roads and Bridges, Kottayam:

During this period they have gone through the MoRT&H specification for Roads and Bridges
works and PWD Quality Control Manual to some extent. They have worked in Construction site of
"Fly Over Constructions of Kaduthuruthy By Pass" during the cast-in-site bored pile foundation, pile
cap and abutment works and also attended the site Quality testing Lab. They have successfully met
the objectives that were set at the beginning of this Internship and they show lot of interest and skill
in their work. We wish them all the best wishes in their future endeavors.



Assistant Executive Engineer
PWD Roads Sub Division
Kaduthuruthy


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

No. ABI.General-895/2018.

Phone No: 04822-212371

Email: accroadspala@gmail.com

Kerala Public Works Department

Roads Sub-Division Pala,

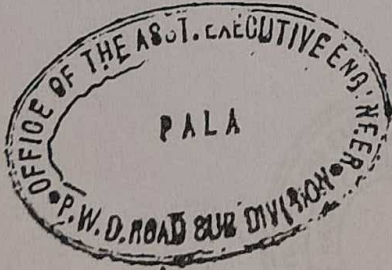
Arunapuram P.O.

Kottayam dist- 686574

Date: 12/07/2018

CERTIFICATE

This is to certify that Ms. Aparna K Jayaprakash., 2nd Semester B. Tech Student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed 5 days Internship during 7th July to 12th July 2018 from this office. During the period, she has acquired experience in the various types of Road works and preliminary works of Pala river view Road etc. under my supervision and guidance.



A handwritten signature in black ink, appearing to be "Shajeev S.", written over a horizontal line.

SHAJEEV S., M.Tech. MIE, CE
Assistant Executive Engineer
PWD Road Sub Division, Pala

A handwritten signature in green ink, appearing to be "A.K.", written over a horizontal line.

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KERALA WATER AUTHORITY

Office of the Executive Engineer

Project Division, Adoor.

Phone: - 04734-224839

e-mail- pdadoor@gmail.com

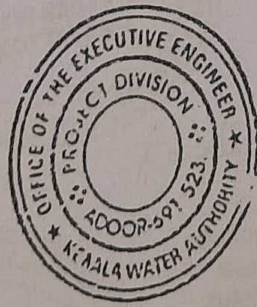
DATE: 12.07.2018

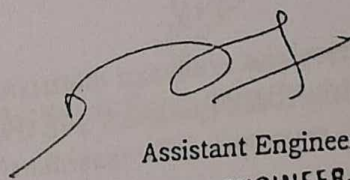
No. PDA/AE-I/GEN/2018

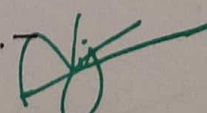
TO WHOM IT MAY CONCERN

This is to certify that Miss. Anuja P. S. (Reg. No. MLM17CE024) student of second semester Civil Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam has successfully complete five day internship internship from 05.07.2018 to 10.07.2018 and submitted a detailed report regarding the same under the supervision of this office for the partial fulfillment of her B- tech curriculum

We wish them all the success in their future endeavors.




Assistant Engineer
ASSISTANT ENGINEER-I
KERALA WATER AUTHORITY
PROJECT DIVISION, ADOOR


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

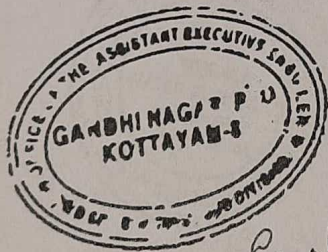
PUBLIC WORKS DEPARTMENT

Office of the Asst. Executive Engineer
PWD Special Buildings Sub Division
Gandhinagar.P.O., Kottayam- 686008
Ph: 0481 2597218
pwdsplbldgs@gmail.com

CERTIFICATE

Certified that Miss. Anjaly Anilkumar, student of second semester Civil Engineering of Mangalam College of Engineering, Ettumanoor has successfully completed the internship from 19th June 2018 to 23rd June 2018 (5 days) under the supervision of this office for the partial fulfillment of her B.Tech curriculum.

Gandhinagar
27.06.2018



[Signature]
Assistant Executive Engineer
PWD SPL Buildings Sub Division
Gandhinagar P.O. Kottayam - 8

[Signature]

എക്സിക്യൂട്ടീവ് ഇൻസ്പെക്ടർ
പൊതുജനാരോഗ്യ വകുപ്പ്
കെട്ടിടനിർമ്മാണം, കോട്ടയം-2



[Signature]

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KERALA WATER AUTHORITY

OFFICE OF THE ASST. EXECUTIVE ENGINEER,
W. S. P. SUB DIVISION, VAIKOM.

Phone 0481 2597218

email: kwavkm@gmail.com

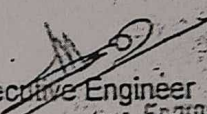
CERIFICATE

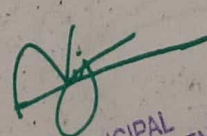
Certified that Kum.Ani Roy, Kum. Betsy Sara Basil, Kum.Citta Thereas Mathew and Kum. Avani V. Second semester students of Mangalam college of Engineering, Ettumanoor has successfully completed the internship from 10 July to 15 July (5 days) under my guidance in Kerala Water Authority for the partial fulfillment of their B. Tech degree course

Vaikom

27/7/2018




Asst Executive Engineer
Assistant Executive Engineer
WSP Sub Division
Kerala Water Authority
Vaikom


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KERALA WATER AUTHORITY

Office of the Executive Engineer

Project Division, Adoor.

Phone: - 04734-224839

e-mail- pdadoor@gmail.com

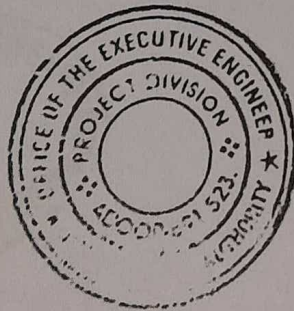
No. PDA/AE-I/GEN/2018

DATE: 12.07.2018

TO WHOM IT MAY CONCERN

This is to certify that Miss. Amrutha Raj (Reg. No. MLM17CE017) student of second semester Civil Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed five day internship from 05.07.2018 to 10.07.2018 and submitted a detailed report regarding the same under the supervision of this office for the partial fulfillment of her B- tech curriculum

We wish them all the success in their future endeavors.



Assistant Engineer

ASSISTANT ENGINEER-I
KERALA WATER AUTHORITY
PROJECT DIVISION, ADOOR

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

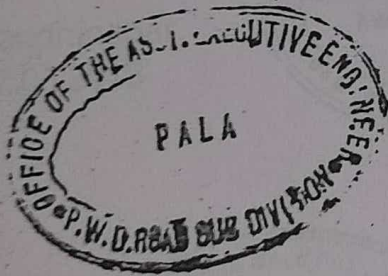
No. ABL.General-S95/2018.

Phone No: 04822-212371
Email: aceroadspala@gmail.com

Kerala Public Works Department
Roads Sub-Division Pala,
Arunapuram P.O.
Kottayam dist- 686574
Date: 12/07/2018

CERTIFICATE

This is to certify that Ms. Amrutha T S., 2nd Semester B. Tech Student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed 5 days Internship during 7th July to 12th July 2018 from this office. During the period, she has acquired experience in the various types of Road works and preliminary works of Pala river view Road etc. under my supervision and guidance.



A handwritten signature in black ink, appearing to read "Shajeev S.", written over a horizontal line.

SHAJEEV S., M.Tech. MIE, CE
Assistant Executive Engineer
P.W.D. Roads Sub-Division, Pala

A handwritten signature in green ink, appearing to be a stylized name, written over a horizontal line.

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

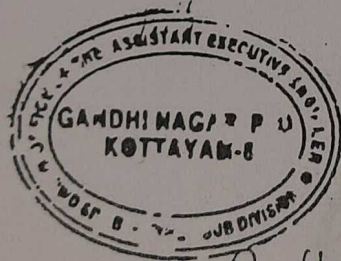
PUBLIC WORKS DEPARTMENT

Office of the Asst. Executive Engineer
PWD Special Buildings Sub Division
Gandhinagar.P.O., Kottayam- 686008
Ph: 0481 2597218
pwdsplbldgs@gmail.com.

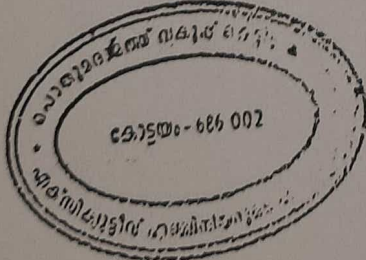
CERTIFICATE

Certified that Miss.Alfy Ashraf, student of second semester, Civil Engineering of Mangalam College of Engineering, Ettumanoor has successfully completed the internship from 19th June 2018 to 23rd June 2018 (5 days) under the supervision of this office for the partial fulfillment of her B.Tech curriculam.

Gandhinagar
27.06.2018

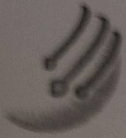


[Signature]
Assistant Executive Engineer
PWD SPL Buildings Sub Division
Gandhinagar P.O., Kottayam - 8



[Signature]
എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ
പൊതുജനസൗകര്യ വികസന
കെട്ടിവേദിപ്പാലം, കോട്ടയം-2

[Signature]
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



iBAND
Technologies

26/07/2018

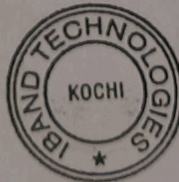
CERTIFICATE

This is to certify that Akshara Anand, having the university register number :
MLM17CE012 , B.Tech Civil Engineering student of Mangalam College of Engineering,
Kottayam has successfully completed internship training program in 'Structural Analysis of
building' at IBAND Technologies, Infopark, Kochi from 09/07/2018 to 25/07/2018.

Date: 29/07/2018

For IBAND Technologies

HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



iBAND
Technologies

26/07/2018

CERTIFICATE

This is to certify that Akshara Anand, having the university register number : MLM17CE012 , B.Tech Civil Engineering student of Mangalam College of Engineering, Kottayam has successfully completed internship training program in 'Structural Analysis of building' at IBAND Technologies, Infopark, Kochi from 09/07/2018 to 25/07/2018.

For IBAND Technologies

HR Manager



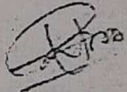
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

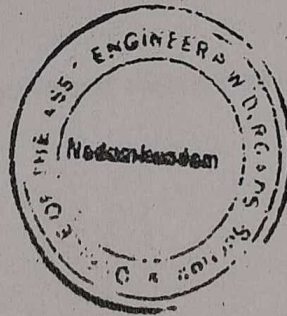
KERALA PUBLIC WORKS DEPARTMENT
Office of the Assistant Engineer,
Roads Section, Nedumkandam-685 553
E-mail aeroadsnedumkandam@gmail.com

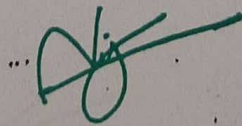
CERTIFICATE FOR INTERNSHIP

This is to certify that **Ajith Thomas** (Civil Engineering Student,
Mangalam College of Engineering Ettumanoor, Kottayam) has successfully
completed 5 days (June 15-20) internship program based on road maintenance
during the period of his internship program with us, he had been exposed to
different process and found punctual and inquisitive.

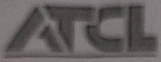
Date: 20/07/2018


Assistant Engineer





PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



Thursday, 1st August, 2019

SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that Mr. Ajith Cherian Jacob, 4th Semester, B Tech Civil Engineering from Mangalam College Of Engineering Ettumanoor, Kottayam, has successfully completed his internship at Antony Thomas Contracting Contracting Private Limited from 17th July, 2019 – 22nd July, 2019.

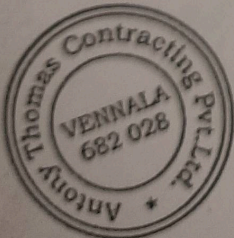
During his internship, he was exposed to the various activities in Civil Construction Works.

We found him extremely inquisitive and hard working. He was very much interested to learn the functions of our core division and also willing to put his best efforts and get in to the depth of the subject to understand it better.

His association with us was very fruitful and we wish him all the best in his future endeavours.

For Antony Thomas Contracting Pvt Ltd

Authorized Signatory



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Thursday, 1st August, 2019

SUB: INTERNSHIP COMPLETION LETTER

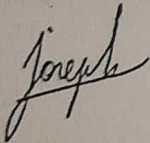
We are glad to inform you that Mr. Ajith Cherian Jacob, 4th Semester, B Tech Civil Engineering from Mangalam College Of Engineering Ettumanoor, Kottayam, has successfully completed his internship at Antony Thomas Contracting Private Limited from 17th July, 2019 – 22nd July, 2019.

During his internship, he was exposed to the various activities in Civil Construction Works.

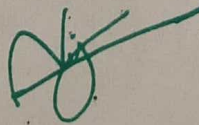
We found him extremely inquisitive and hard working. He was very much interested to learn the functions of our core division and also willing to put his best efforts and get in to the depth of the subject to understand it better:

His association with us was very fruitful and we wish him all the best in his future endeavours.

For Antony Thomas Contracting Pvt Ltd



Authorized Signatory



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Office of the Asst. Executive Engineer
P W D Roads Sub Division, Kaduthuruthy
PIN 686 604
Phone: 04829 284423, 8086395052
Email: aeepwdrkaduthuruthy@gmail.com

No. AB1-419/2018

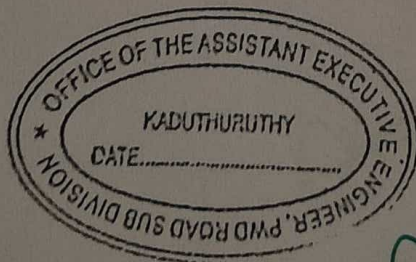
Dated:- 10.07.2018.

TO WHOM IT MAY CONCERN

Subject:- Internship Certificate for Ajith Cherian Jacob, Ajmal Nazeer, Arjun Prasad
Second Semester B-Tech (Civil Engineering) Students, Mangalam College of
Engineering, Ettumanoor, Kottayam.

We state on record that Ajith Cherian Jacob, Ajmal Nazeer, Arjun Prasad have
successfully undergone 1 week Internship from 02.07.2018 to 10.07.2018 in Public Works
Department Roads and Bridges, Kottayam.

During this period they have gone through the MoRT&H specification for Roads and Bridges
works and PWD Quality Control Manual to some extent. They have worked in Construction site of
"Fly Over Constructions of Kaduthuruthy By Pass" during the cast-in-site bored pile foundation, pile
cap and abutment works and also attended the site Quality testing Lab. They have successfully met
the objectives that were set at the beginning of this Internship and they show lot of interest and skill
in their work. We wish them all the best wishes in their future endeavors.



Assistant Executive Engineer
PWD Roads Sub Division
Kaduthuruthy

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

INCE 1950



KUNNEL

ISO 9001:2008 COMPANY

® **KUNNEL ENGINEERS & CONTRACTORS (P) LTD.**

Admn. Office : 3rd Floor, Pulhuran Plaza, KPCC Jn, M.G. Road, Kochi - 682 011

Tel : (0484)2370070, 2370080 Fax : (0484) 2370090

E-mail : mail@kunnel.in Website : www.kunnel.in



KEC/Tr/227/2019-20

27th July 2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr Ajai P A, 5th Semester Civil Engineering student in Mangalam College of Engineering, Ettumanoor (Kottayam) has successfully completed internship at our Civil Construction Site (BPCL) from 22.07.2019 to 26.07.2019.

For KUNNEL ENGINEERS & CONTRACTORS (P) LTD

Wg Cdr M R Gopalakrishnan (Retd)
Assistant Vice President (Fin &HR)



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

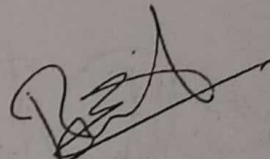


TERRAIN
BUILDING TOMORROW BETTER

TESTIMONIAL

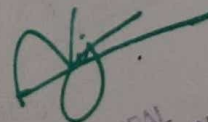
Mr. AJAY MON SURENDRAN has successfully completed his Internship in various sites under Terrain Constructions Pvt.Ltd, Thodupuzha during the period from 23/07/2018 to 27/07/2018 as a part of his course of study in Mangalam College of Engineering, Ettumanoor.

TERRAIN
CONSTRUCTIONS PVT. LTD
Sudarsan Towers, 1st Floor
Kanjiramattam bye pass junction
opp. indian hardwares, Thodupuzha Pin : 685 584


Managing Director

Place: Thodupuzha

Date: 28/07/18


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

No. AB1.General-S95/2018.

Kerala Public Works Department

Roads Sub-Division Pala,
Arunapuram P.O.

Kottayam dist- 686574

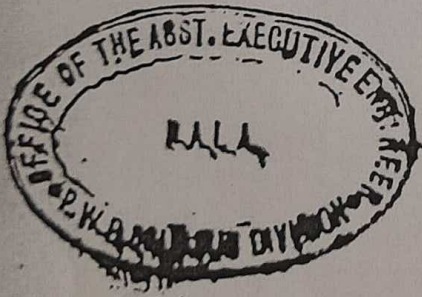
Date: 12/07/2018

Phone No: 04822-212371

Email: aceroadspala@gmail.com

CERTIFICATE

This is to certify that Ms. Aiswarya M P., 2nd Semester B. Tech Student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed 5 days Internship during 7th July to 12th July 2018 from this office. During the period, she has acquired experience in the various types of Road works and preliminary works of Pala river view Road etc. under my supervision and guidance.



SHAJEEV S., M.Tech. MIE, CE
Assistant Executive Engineer
PWD Road Sub Division, Pala

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

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: iteg@keltron.org || Website Link : ksg.keltron.in

KSG/16/INTP/19-09/L2932

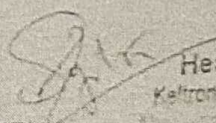
03.09.2019

CERTIFICATE

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

Name of the Student	Mr. AKSHAY SIVAN
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 Electronics & Communication Engineering
Student's Registration No	MLM18EC006
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.	KI005266
Roll No./Register No.	K19161210194
Program Category	INTERNSHIP
Period & Duration of the Program	22.07.2019 to 28.07.2019 (1 Week)
Area of Exposure	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics, Introduction to Raspberry Pi & Hardware Description, Programming on Raspberry Pi
Status	COMPLETED SUCCESSFULLY

Authorized Signatory
(Knowledge Services)


Head of Centre
Keltron Knowledge Centre
Shopping Complex
7-688 001



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



July 29, 2019

TO WHOMSOEVER IT MAY CONCERN

Certificate of Completion

This is to certify that Mr./Ms. ANJU RAJAN student of Electrical and Electronics Engineering (Reg.no. MLM18EC009) from MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR has successfully completed his/her internship in "Internet Of Things", in this organization, under my guidance. The duration of the internship is from 15-Jul-2019 to 29-Jul-2019.

Mr./Ms. ANJU RAJAN exhibited professional behavior during the period of internship. The contribution that he/she made to the organization during this tenure has been **Good**.

For iNFOX technologies,

A handwritten signature in black ink, appearing to be 'Anju', written over a horizontal line.

HR Manger



A handwritten signature in green ink, appearing to be 'Anju', written over a horizontal line.

July 29, 2019

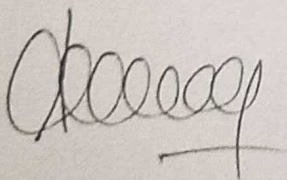
TO WHOMSOEVER IT MAY CONCERN

Certificate of Completion

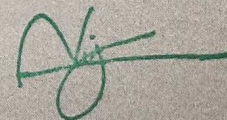
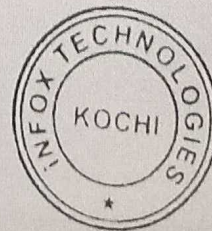
This is to certify that Mr./Ms. ANNS MARIA SAJI student of Electronics and Communication Engineering (Reg.no. MLM18EC010) from MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR has successfully completed his/her internship in "Internet Of Things", in this organization, under my guidance. The duration of the internship is from 15-Jul-2019 to 29-Jul-2019.

Mr./Ms. ANNS MARIA SAJI exhibited professional behavior during the period of internship. The contribution that he/she made to the organization during this tenure has been **Good**.

For iNFOX technologies,



HR Manger





July 29, 2019

TO WHOMSOEVER IT MAY CONCERN

Certificate of Completion

This is to certify that Mr./Ms. ATHIRA N M student of Electronics and Communication Engineering (Reg.no. MLM18EC013) from MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR has successfully completed his/her internship in "Internet Of Things", in this organization, under my guidance. The duration of the internship is from 15- Jul-2019 to 29-Jul- 2019.

Mr./Ms. ATHIRA N M exhibited professional behavior during the period of internship. The contribution that he/she made to the organization during this tenure has been **Good**.

For iNFOX technologies,

HR Manger





BSNL
बीएसएनएल
Connecting India

भारत संचार निगम लिमिटेड

(भारत सरकार का उद्यम)
प्रधान महाप्रबंधक का कार्यालय, दूरसंचार जिला, कोट्टयम 686001

BHARAT SANCHAR NIGAM LIMITED

(A Govt. of India Enterprise)
O/o the Principal General Manager, Telecom District, Kottayam 686001

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि

श्री. प्रशांत सुरेश

बी टेक, इलेक्ट्रॉनिक्स & कम्यूनिकेशन इंजीनियरिंग
मंगलम कॉलेज ऑफ इंजीनियरिंग, कोट्टयम

ने तारीख 15-07-2019 से 14 दिनों के लिए बीएसएनएल, कोट्टयम द्वारा आयोजित
मूल दूरसंचार प्रौद्योगिकी इनप्लान्ट प्रशिक्षण सफलतापूर्वक पूरा किया है।

This is to certify that

Sri. PRASANTH SURESH

BTech, Electronics & Communication Engineering,
Mangalam College of Engineering, Kottayam

has successfully completed inplant training on

BASIC TELECOM TECHNOLOGIES conducted by

BSNL, Kottayam for 14 days with effect from 15-07-2019

जुलाई 2019/July 2019
कोट्टयम/Kottayam

सहायक महाप्रबंधक (प्रशासन)
Asst General Manager (Admn)
बीएसएनएल, कोट्टयम
BSNL, Kottayam

No. STA - 609/IX/2019/2

July 29, 2019

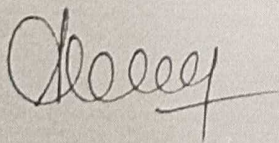
TO WHOMSOEVER IT MAY CONCERN

Certificate of Completion

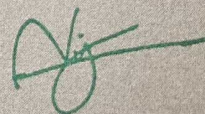
This is to certify that Mr./Ms. RAKHIMOL T R student of Electronics and Communication Engineering (Reg.no. MLM18EC025) from MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR has successfully completed his/her internship in "Internet Of Things", in this organization, under my guidance. The duration of the internship is from 15- Jul-2019 to 29-Jul- 2019.

Mr./Ms. RAKHIMOL T R exhibited professional behavior during the period of internship. The contribution that he/she made to the organization during this tenure has been **Good**.

For iNFOX technologies,



HR Manger





भारत संचार निगम लिमिटेड

BHARAT SANCHAR NIGAM LIMITED

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि
कुमारी सजना सजित

बी टेक, इलेक्ट्रॉनिक्स & कम्युनिकेशन इंजीनियरिंग
मंगलम कॉलेज ऑफ इंजीनियरिंग, कोट्टयम

ने तारीख 15-07-2019 से 14 दिनों के लिए कोट्टयम, कोट्टयम द्वारा आयोजित
मूल दूरसंचार प्रौद्योगिकी इन्वेलन्ट प्रशिक्षण सफलतापूर्वक पूरा किया है।

This is to certify that

MS. SAJANA SAJITH

B.Tech. Electronics & Communication Engineering
Mangalam College of Engineering, Kottayam.

has successfully completed inplant training on

BASIC TELECOM TECHNOLOGIES conducted by

BSNL, Kottayam for 14 days with effect from 15-07-2019

महायक महाप्रबंधक (प्रशासन)
Asst General Manager (Admin)
बीएसएनएल, कोट्टयम
BSNL, Kottayam

मूळ प्रमाणपत्र दिनांक 15-07-2019
कोट्टयम, कोट्टयम

NO. STA - 609 IX 2019-2



भारत संचार निगम लिमिटेड

भारत संचार निगम लिमिटेड, इलाहाबाद, पुराना बाजार, काठमांडू, नेपाल

BHARAT SANCHAR NIGAM LIMITED

BSNL, 1st Floor, Telephone Exchange, Kottayam, Kerala, India

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि

कुमारी सजना सजित

बी टेक, इलेक्ट्रॉनिक्स & कम्युनिकेशन इंजीनियरिंग
मंगलम कालेज ऑफ इंजीनियरिंग, कोट्टयम

ने तारीख 15-07-2019 से 14 दिनों के लिए कोट्टयम, कोट्टयम द्वारा आयोजित
मूल दूरसंचार प्रौद्योगिकी इलाहाबाद प्रशिक्षण कार्यक्रम पूर्ण किया है।


This is to certify that

Ms. SAJANA SAJITH

B.Tech. Electronics & Communication Engineering
Mangalam College of Engineering, Kottayam

has successfully completed inplant training on
BASIC TELECOM TECHNOLOGIES, conducted by
BSNL, Kottayam for 14 days with effect from 15-07-2019

दिनांक 20/07/2019
कोट्टयम, कोट्टयम


सहायक महाप्रबंधक (प्रशासन)
Asst General Manager (Admin)
बीएसएनएल, कोट्टयम
BSNL, Kottayam



No. STA-609 IX/2019/2



भारत संचार निगम लिमिटेड

(भारत सरकार का उद्यम)
प्रधान महाप्रबंधक का कार्यालय, दूरसंचार जिला, कोट्टयम 686001

BHARAT SANCHAR NIGAM LIMITED

(A Govt. of India Enterprise)
O/o the Principal General Manager, Telecom District, Kottayam 686001

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि

श्री. संदीप के. एस.

बी टेक, इलेक्ट्रॉनिक्स & कम्युनिकेशन इंजीनियरिंग
मंगलम कॉलेज ऑफ इंजीनियरिंग, कोट्टयम

ने तारीख 15-07-2019 से 14 दिनों के लिए बीएसएनएल, कोट्टयम द्वारा आयोजित
मूल दूरसंचार प्रौद्योगिकी इनप्लान्ट प्रशिक्षण सफलतापूर्वक पूरा किया है।

This is to certify that

Sri. SANDEEP K. S.

BTech, Electronics & Communication Engineering,
Mangalam College of Engineering, Kottayam.

has successfully completed inplant training on

BASIC TELECOM TECHNOLOGIES conducted by

BSNL, Kottayam for 14 days with effect from 15-07-2019

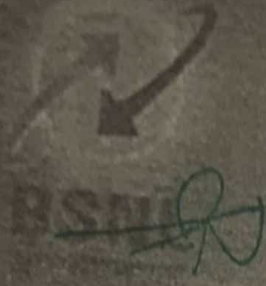
जुलाई 2019, July 2019
कोट्टयम/Kottayam

सहायक महाप्रबंधक (प्रशासन)

Asst General Manager (Admin)

बीएसएनएल, कोट्टयम

BSNL, Kottayam



भारत संचार निगम लिमिटेड

BHARAT SANCHAR NIGAM LIMITED

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि

श्री. बोनू साई मनीष

बी टेक, इलेक्ट्रॉनिक्स & कम्युनिकेशन इंजीनियरिंग
मंगलम कॉलेज ऑफ इंजीनियरिंग, कोट्टयम

ने तारीख 15-07-2019 से 14 दिनों के लिए बीएसएनएल, कोट्टयम द्वारा आयोजित
मूल दूरसंचार प्रौद्योगिकी इनप्लान्ट प्रशिक्षण सफलतापूर्वक पूरा किया है।

This is to certify that

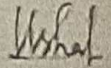
Sri. BONU SAI MANISH

BTech, Electronics & Communication Engineering,
Mangalam College of Engineering, Kottayam.

has successfully completed inplant training on

BASIC TELECOM TECHNOLOGIES conducted by
BSNL, Kottayam for 14 days with effect from 15-07-2019

तारीख: 2019/July 2019
कोट्टयम / Kottayam


सहायक महाप्रबंधक (प्रशासन)
Asst General Manager (Admn)
बीएसएनएल, कोट्टयम
BSNL, Kottayam

No. STA - 609/IX/2019/2



भारत संचार निगम लिमिटेड

(भारत सरकार का उद्यम)
प्रधान महाप्रबंधक का कार्यालय, दूरसंचार जिला, कोट्टयम 686001

BHARAT SANCHAR NIGAM LIMITED

(A Govt. of India Enterprise)
O/o the Principal General Manager, Telecom District, Kottayam 686001

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि

श्री. जेरिन के. पौलोस

बी टेक, इलेक्ट्रॉनिक्स & कम्युनिकेशन इंजीनियरिंग
मंगलम कॉलेज ऑफ इंजीनियरिंग, कोट्टयम

ने तारीख 15-07-2019 से 14 दिनों के लिए बीएसएनएल, कोट्टयम द्वारा आयोजित
मूल दूरसंचार प्रौद्योगिकी इनप्लान्ट प्रशिक्षण सफलतापूर्वक पूरा किया है।

This is to certify that

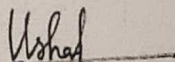
Sri. JERIN K. PAULOSE

BTech, Electronics & Communication Engineering,
Mangalam College of Engineering, Kottayam.

has successfully completed inplant training on

BASIC TELECOM TECHNOLOGIES conducted by
BSNL, Kottayam for 14 days with effect from 15-07-2019

जुलाई 2019/July 2019
कोट्टयम/Kottayam


सहायक महाप्रबंधक (प्रशासन)
Asst General Manager (Admn)
बीएसएनएल, कोट्टयम
BSNL, Kottayam

No. STA - 609/IX/2019/2



BSNL
बीएसएनएल
Connecting India

भारत संचार निगम लिमिटेड

(भारत सरकार का उद्यम)
प्रधान महाप्रबंधक का कार्यालय, दूरसंचार जिला, कोट्टयम 686002

BHARAT SANCHAR NIGAM LIMITED

(A Govt. of India Enterprise)
Off to the Principal General Manager, Telecom District, Kottayam 686002

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि

श्री. अजय प्रकाश

बी टेक, इलेक्ट्रॉनिक्स & कम्यूनिकेशन इंजीनियरिंग
मंगलम कॉलेज ऑफ इंजीनियरिंग, कोट्टयम

ने तारीख 15-07-2019 से 14 दिनों के लिए बीएसएनएल, कोट्टयम द्वारा आयोजित
मूल दूरसंचार प्रौद्योगिकी इनप्लान्ट प्रशिक्षण सफलतापूर्वक पूरा किया है।

This is to certify that

Sri. AJAY PRAKASH

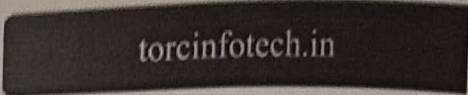
BTech, Electronics & Communication Engineering
Mangalam College of Engineering, Kottayam.

has successfully completed inplant training on
BASIC TELECOM TECHNOLOGIES conducted by
BSNL, Kottayam for 14 days with effect from 15-07-2019

जुलाई 2019/July 2019
कोट्टयम/Kottayam

सहायक महाप्रबंधक (प्रशासन)
Asst General Manager (Admn)
बीएसएनएल, कोट्टयम
BSNL, Kottayam

No. STA - 609/IX/2019/2



CERTIFICATE

This is to certify that

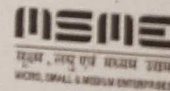
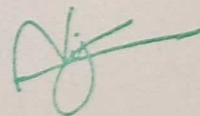
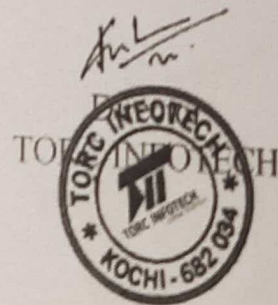
Anju Rajan

student of

Mangalam College Of Engineering

has successfully completed 5 days online internship training in
CYBER SECURITY & ETHICAL HACKING
during April - July 2020 at TORC INFOTECH, Kochi. During this
intern period, we found him/her a punctual, hardworking, dedicat-
ed student with a professional attitude and very good professional
knowledge.
We wish you every success in all future endeavours.

Date : 01 MAY 2020



TORC Infotech, Opposite Lulu mall, Edappally, Kochi | torcinfotech@gmail.com | +91 9895065829

CERTIFICATE

This is to certify that

Anns Maria Saji

student of

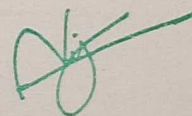
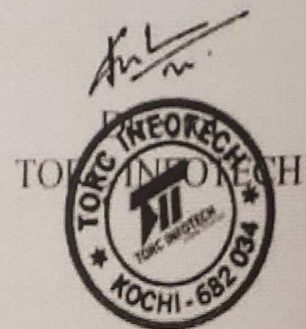
Mangalam College Of Engineering

has successfully completed 5 days online internship training in
CYBER SECURITY & ETHICAL HACKING

during April - July 2020 at TORC INFOTECH, Kochi. During this intern period, we found him/her a punctual, hardworking, dedicated student with a professional attitude and very good professional knowledge.

We wish you every success in all future endeavours.

Date : 01 MAY 2020



A handwritten signature in green ink is located at the bottom center of the page.



torcinfotech.in

CERTIFICATE

This is to certify that

Athira N M

student of

Mangalam College Of Engineering

has successfully completed 5 days online internship training in
CYBER SECURITY & ETHICAL HACKING

during April - July 2020 at TORC INFOTECH, Kochi. During this intern period, we found him/her a punctual, hardworking, dedicated student with a professional attitude and very good professional knowledge.

We wish you every success in all future endeavours.

Date : 01 MAY 2020



MSME
മുദ്ര, സൗകര്യ സഹായ കമ്മീഷൻ
MICRO, SMALL & MEDIUM ENTERPRISES





BSNL
बीएसएनएल
Connecting India

भारत संचार निगम लिमिटेड

(भारत सरकार का उद्यम)
प्रधान महाप्रबंधक का कार्यालय, दूरसंचार जिला, कोट्टयम 686001

BHARAT SANCHAR NIGAM LIMITED

(A Govt. of India Enterprise)
O/o the Principal General Manager, Telecom District, Kottayam 686001

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि

श्री. अश्विन जयप्रकाश

बी टेक, इलेक्ट्रॉनिक्स & कम्युनिकेशन इंजीनियरिंग
मंगलम कॉलेज ऑफ इंजीनियरिंग, कोट्टयम

ने तारीख 15-07-2019 से 14 दिनों के लिए बीएसएनएल, कोट्टयम द्वारा आयोजित
मूल दूरसंचार प्रौद्योगिकी इनप्लान्ट प्रशिक्षण सफलतापूर्वक पूरा किया है।

This is to certify that

Sri. ASWIN JAYAPRAKASH

BTech, Electronics & Communication Engineering,
Mangalam College of Engineering, Kottayam
has successfully completed inplant training on
BASIC TELECOM TECHNOLOGIES conducted by
BSNL, Kottayam for 14 days with effect from 15-07-2019

जुलाई 2019/July 2019
कोट्टयम/Kottayam

सहायक महाप्रबंधक (प्रशासन)
Asst General Manager (Admn)
बीएसएनएल, कोट्टयम
BSNL, Kottayam

No. STA - 609/IX/2019/2



भारत संचार निगम लिमिटेड

(भारत सरकार का उद्यम)
प्रधान महाप्रबंधक का कार्यालय, दूरसंचार जिला, कोट्टयम 686001

BHARAT SANCHAR NIGAM LIMITED

(A Govt. of India Enterprise)
Of the Principal General Manager, Telecom District, Kottayam 686001

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि
श्री. जेरिन के. पौलोस
बी टेक, इलेक्ट्रॉनिक्स & कम्यूनिकेशन इंजीनियरिंग
मंगलम कॉलेज ऑफ इंजीनियरिंग, कोट्टयम
ने तारीख 15-07-2019 से 14 दिनों के लिए बीएसएनएल, कोट्टयम द्वारा आयोजित
मूल दूरसंचार प्रौद्योगिकी इनप्लान्ट प्रशिक्षण सफलतापूर्वक पूरा किया है।

This is to certify that

Sri. JERIN K. PAULOSE

BTech, Electronics & Communication Engineering,
Mangalam College of Engineering, Kottayam.
has successfully completed inplant training on
BASIC TELECOM TECHNOLOGIES conducted by
BSNL, Kottayam for 14 days with effect from 15-07-2019

जुलाई 2019/July 2019
कोट्टयम/Kottayam

सहायक महाप्रबंधक (प्रशासन)
Asst General Manager (Admn)
बीएसएनएल, कोट्टयम
BSNL, Kottayam

No. STA - 609/IX/2019/2



BSNL
बीएसएनएल
Connecting India

भारत संचार निगम लिमिटेड

(भारत सरकार का उद्यम)

प्रधान महाप्रबंधक का कार्यालय, दूरसंचार जिला, कोट्टयम 686001

BHARAT SANCHAR NIGAM LIMITED

(A Govt. of India Enterprise)

O/o the Principal General Manager, Telecom District, Kottayam 686001

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि

श्री. जेरिन के. पौलोस

बी टेक, इलेक्ट्रॉनिक्स & कम्युनिकेशन इंजीनियरिंग
मंगलम कॉलेज ऑफ इंजीनियरिंग, कोट्टयम

ने तारीख 15-07-2019 से 14 दिनों के लिए बीएसएनएल, कोट्टयम द्वारा आयोजित
मूल दूरसंचार प्रौद्योगिकी इनप्लान्ट प्रशिक्षण सफलतापूर्वक पूरा किया है।

This is to certify that

Sri. JERIN K. PAULOSE

BTech, Electronics & Communication Engineering,
Mangalam College of Engineering, Kottayam.

has successfully completed inplant training on

BASIC TELECOM TECHNOLOGIES conducted by

BSNL, Kottayam for 14 days with effect from 15-07-2019

जुलाई 2019/July 2019
कोट्टयम/Kottayam

सहायक महाप्रबंधक (प्रशासन)

Asst General Manager (Admn)

बीएसएनएल, कोट्टयम

BSNL, Kottayam

No. STA - 609/IX/2019/2



भारत संचार निगम लिमिटेड

(भारत सरकार का स्वाम)

प्रधान महाप्रबंधक का कार्यालय, दूरसंचार जिला, कोट्टयम 686001

BHARAT SANCHAR NIGAM LIMITED

(A Govt. of India Enterprise)

Q/o the Principal General Manager, Telecom District, Kottayam 686001

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि

श्री. जोमोन तोमस जोर्ज

बी टेक, इलेक्ट्रॉनिक्स & कम्युनिकेशन इंजीनियरिंग
मंगलम कॉलेज ऑफ इंजीनियरिंग, कोट्टयम

ने तारीख 15-07-2019 से 14 दिनों के लिए बीएसएनएल, कोट्टयम द्वारा आयोजित
मूल दूरसंचार प्रौद्योगिकी इनप्लान्ट प्रशिक्षण सफलतापूर्वक पूरा किया है।

This is to certify that

Sri. JOMON THOMAS GEORGE

BTech, Electronics & Communication Engineering,
Mangalam College of Engineering, Kottayam.

has successfully completed inplant training on

BASIC TELECOM TECHNOLOGIES conducted by
BSNL, Kottayam for 14 days with effect from 15-07-2019

जुलाई 2019/July 2019
कोट्टयम/Kottayam

सहायक महाप्रबंधक (प्रशासन)
Asst General Manager (Admn)
बीएसएनएल, कोट्टयम
BSNL, Kottayam

No. STA - 609/IX/2019/2



BSNL
बीएसएनएल
Connecting India

भारत संचार निगम लिमिटेड

(भारत सरकार का उद्यम)
प्रधान महाप्रबंधक का कार्यालय, दूरसंचार जिला, कोट्टयम 686001

BHARAT SANCHAR NIGAM LIMITED

(A Govt. of India Enterprise)
O/o the Principal General Manager, Telecom District, Kottayam 686001

प्रमाणपत्र / CERTIFICATE

यह प्रमाणित किया जाता है कि

श्री. प्रशांत सुरेश

बी टेक, इलेक्ट्रॉनिक्स & कम्यूनिकेशन इंजीनियरिंग
मंगलम कॉलेज ऑफ इंजीनियरिंग, कोट्टयम

ने तारीख 15-07-2019 से 14 दिनों के लिए बीएसएनएल, कोट्टयम द्वारा आयोजित
मूल दूरसंचार प्रौद्योगिकी इनप्लान्ट प्रशिक्षण सफलतापूर्वक पूरा किया है।

This is to certify that

Sri. PRASANTH SURESH

BTech, Electronics & Communication Engineering,
Mangalam College of Engineering, Kottayam

has successfully completed inplant training on

BASIC TELECOM TECHNOLOGIES conducted by

BSNL, Kottayam for 14 days with effect from 15-07-2019

जुलाई 2019/July 2019
कोट्टयम/Kottayam

सहायक महाप्रबंधक (प्रशासन)
Asst General Manager (Admn)
बीएसएनएल, कोट्टयम
BSNL, Kottayam

No. STA - 609/IX/2019/2

CERTIFICATE OF ACHIEVEMENT



INDUSTRUS TECH


This is to certify that

Prasanth Suresh (MLM18EC024)

in appreciation for your successful completion of the Internship
in **Embedded Systems and IoT** at Industrus Tech from 13 January
2021 to 18 January 2021.

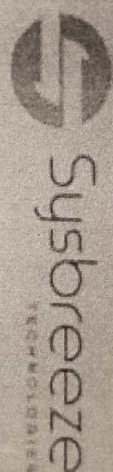
ISSUE DATE

19/01/2021


Rahul Eapen George

Rahul Eapen George
CEO





CERTIFICATE OF EXCELLENCE

THIS IS TO CERTIFY THAT

Mr/MISS Abhishek Ajukumar (Reg.No.MLM18ECC001)

a Student of BTEch (ECE SS) from Mangalam College of Engineering

has been successfully completed 15 Days Internship (17-04-2021 to 01-05-2021) programme on

Web Development at Sysbreeze Technologies.

01-05-2021
Date

Signature

CERTIFICATE OF ACHIEVEMENT



INDUSTRUS TECH


This is to certify that

Akhilu U (MLM18EC004)

in appreciation for your successful completion of the Internship
in **Embedded Systems and IoT** at Industrus Tech from 13 January
2021 to 18 January 2021.

ISSUE DATE

19/01/2021


Rahul Eapen George

Rahul Eapen George
CEO



CERTIFICATE OF ACHIEVEMENT



INDUSTRUS TECH

This is to certify that

Ameer Najeeb (MLM18EC007)

in appreciation for your successful completion of the Internship
in **Embedded Systems and IOT** at Industrus Tech from 13 January
2021 to 18 January 2021.

ISSUE DATE

19/01/2021

Rahul Eapen George

Rahul Eapen George
CEO



CERTIFICATE

This is to certify that

Anish Abraham P

student of

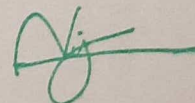
Mangalam College Of Engineering

has successfully completed 5 days online internship training in
ROBOTICS & EMBEDDED SYSTEMS

during April - July 2020 at TORC INFOTECH, Kochi. During this intern period, we found him/her a punctual, hardworking, dedicated student with a professional attitude and very good professional knowledge.

We wish you every success in all future endeavours.

Date : 01 MAY 2020





ALPHASYS 3D PRINTING SOLUTIONS

Reg No: K2/3344998/2021/CRUTIOMPA

CERTIFICATE OF INTERNSHIP

awarded to

Aiswarya Lakshmi R

from

Mangalam College of Engineering

In recognition to his/her participation in 5 days online internship program on
Additive Manufacturing Electronics & Control Systems conducted by

Alphasys 3D Printing Solutions from **25.05.2021 to 29.05.2021**

Date : 01.06.2021
Cert. ID : ASIE2046



Antony Francis Rajan
Managing Partner
Alphasys 3D Printing Solutions
East Marady, Muvattupuzha

CERTIFICATE

OF EXCELLENCE

THIS IS TO CERTIFY THAT

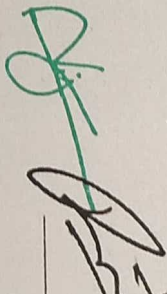
Mr/Miss Gokul Gopan (Reg.No.MLMISECO15)

a Student of BTECH (ECE 56) from Mangalam College of Engineering

has been successfully completed 15 Days Internship (17-04-2021 to 01-05-2021) programme on

Web Development at Sysbreeze Technologies.




Signature

01-05-2021
Date

CERTIFICATE OF ACHIEVEMENT



INDUSTRUS TECH

This is to certify that

Harsha Joseph (MLM18EC017)

in appreciation for your successful completion of the Internship
in **Embedded Systems and IoT** at Industrus Tech from 13 January
2021 to 18 January 2021.

ISSUE DATE

19/01/2021

Rahul Eapen George

Rahul Eapen George
CEO



CERTIFICATE OF ACHIEVEMENT



This is to certify that

HONEYMOLS (LMLM18EC036)

in appreciation for your successful completion of the Internship
in **Embedded Systems and IoT** at Industrus Tech from 13 January
2021 to 18 January 2021.

ISSUE DATE

19/01/2021

Rahul Eapen George

Rahul Eapen George
CEO





MAGOIN PRIVATE LIMITED

45-C, Muttar P O, Alappuzha-689574, Kerala, India

Phone: 8129880560/ 9400376354

Email: magoin2019@gmail.com

Magoin/certificates/r&d/2020/89

26/12/2020

CERTIFICATE

Subject: Research Internship Training

This is to certify that Mr. Jerin K Paulose, student of Mangalam Engineering College, Kottayam; has successfully completed his internship training in our research activities from 17th December 2020 to 24th December 2020

His character and behaviour are seemed to be good during his association with us.

Thank you,

Ajin S

Director,

Magoin Private Limited





MAGOIN PRIVATE LIMITED

45-C, Muttar P O, Alappuzha-689574, Kerala, India

Phone: 8129880560/ 9400376354

Email: magoin2019@gmail.com

Magoin/certificates/r&d/2020/88

26/12/2020

CERTIFICATE

Subject: Research Internship Training

This is to certify that Mr. Jomon Thomas George, student of Mangalam Engineering College, Kottayam; has successfully completed his internship training in our research activities from 17th December 2020 to 24th December 2020

His character and behaviour are seemed to be good during his association with us.

Thank you,

Ajin S

Director,

Magoin Private Limited



CERTIFICATE OF ACHIEVEMENT



INDUSTRUS TECH

This is to certify that

PRANAV C P (MLM18EC023)

in appreciation for your successful completion of the Internship
in **Embedded Systems and IoT** at Industrus Tech from 13 January
2021 to 18 January 2021.

ISSUE DATE

19/01/2021

Rahul Eapen George

Rahul Eapen George
CEO



CERTIFICATE OF ACHIEVEMENT



INDUSTRUS TECH

This is to certify that

Rakhimol TR (MLM18EC025)

in appreciation for your successful completion of the Internship
in **Embedded Systems and IOT** at Industrus Tech from 13 January
2021 to 18 January 2021.

ISSUE DATE

19/01/2021

Rahul Eapen George

Rahul Eapen George
CEO



CERTIFICATE OF ACHIEVEMENT



INDUSTRUS TECH

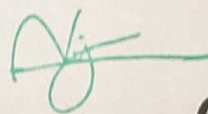
This is to certify that

Ruby chacko (MLM18EC026)

in appreciation for your successful completion of the Internship
in **Embedded Systems and IOT** at Industrus Tech from 13 January
2021 to 18 January 2021.

ISSUE DATE

19/01/2021


Rahul Eapen George

Rahul Eapen George
CEO



CERTIFICATE OF ACHIEVEMENT



This is to certify that

SAJANA SAJITH (MLM18EC027)

in appreciation for your successful completion of the Internship in **Embedded Systems and IoT** at Industrus Tech from 13 January 2021 to 18 January 2021.

ISSUE DATE

19/01/2021

Rahul Eapen George
CEO





ALPHASYS 3D PRINTING SOLUTIONS

Reg No: K2/3344998/2021/CRUTIOMPA

CERTIFICATE OF INTERNSHIP

awarded to

SANDEEP KS

from

MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR

In recognition to his/her participation in 5 days online internship program on

Zero to Hero of Robotics conducted by

Alphasys 3D Printing Solutions from 16.09.2021 to 20.09.2021

Date : 23.09.2021
Cert. ID : ASIG1119



Antony Francis Rajan
Managing Partner
Alphasys 3D Printing Solutions
East Marady, Muvattupuzha

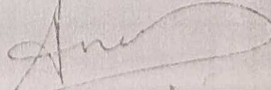
DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR

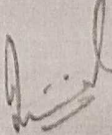


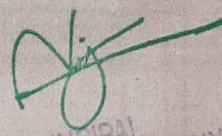
CERTIFICATE

This is to certify that the report entitled "DESIGN AND FABRICATION OF CERIA ZIRCONIA TUBE DIESEL PARTICULATE FILTER" is a bonafide record of the Project done by AKHIL PM (Reg No.:MLM15ME012), ANTONY J PANTHIRUVELIL (Reg No.: MLM15ME037), GEORGE JOHNSON (Reg No.:MLM15ME058),ASHISK M NINAN (Reg No.:MLM15ME041) under my supervision, in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Mechanical Engineering from Mangalam college of Engineering, Ettumanoor, and this work has not been submitted elsewhere for the award of a degree.

External Supervisor


ASSO PROF. ANEESH K.S
Guide & Project Coordinator
Associate Professor
Dept. of Mechanical Engineering


Dr. NIDHISH MATHEW NIDHIRY
Professor & Head
Dept. of Mechanical Engineering


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



CERTIFICATE

This is to certify that the report entitled "Waste Heat Recovery From Refrigeration System" submitted by Akshay S Suresh (MLM15ME017), Albin K Sabu(MLM15ME020), Arun Anil (MLM5ME040), Dennis Abraham (MLM15ME053) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by them under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.

Internal Supervisor

Leneesh N Gopal
Assistant Professor

Project Coordinator

Aneesh K S
Associate Professor

External Supervisor

Head of the Department

Dr. Nidhish Mathew Nidhiry

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



CERTIFICATE

This is to certify that the report entitled "THERMAL AND STRUCTURAL ANALYSIS OF SINGLE AND MULTI-LAYER CERAMIC COATED PISTON HEAD IN DIESEL ENGINE" submitted by AJIN BIJI (MLM15ME006), AKSHAY SURENDRAN (MLM15ME016), AMINUL N SHAH (MLM15ME027) & ANANDHU AJITH (MLM15ME028) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.

Internal Supervisor

Rajeev K Mohan
Associate Professor

Project Coordinator

Aneesh K S
Associate Professor

External Supervisor

Head of the Department

Dr. Nidhesh 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 report entitled "Suspension Energy Utilisation To Increase The Efficiency of Engines" submitted by Aravind, Avin P Cyriac, Deepak Mathew, Dennis Mathew to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.

Internal Supervisor

BINNY KURIAKOSE

ASSISTANT PROFESSOR

External Supervisor

Project Coordinator

ANEESH K S

ASSOCIATE PROFESSOR

Head of the Department

DR. NIDHISH MATHEW NIDHIRY

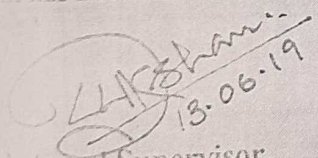
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
WANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.

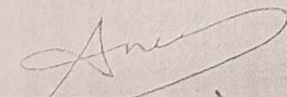


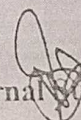
CERTIFICATE

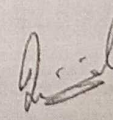
This is to certify that the report entitled "ANTI-THEFT WHEEL LOCKING SYSTEM WITH AUTOMATIC STAND RETRIEVAL MECHANISM IN BIKES" submitted by ARUN ANAND (KVE15ME021), JAYAKRISHNAN (KVE15ME029), MUHAMMED THAHIR ASAN (KVE15ME045) & VIPINRAJ B (KVE15ME059) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.


13.06.19

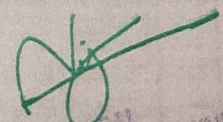
Internal Supervisor
Rahul Krishnan
Assistant Professor


Project Coordinator
Aneesh K S
Associate Professor


External Supervisor


Head of the Department

Dr. Nidhish Mathew Nidhiry
Professor & Dean

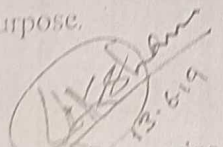

PRINCIPAL
WANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING,
ETTUMANOOR.



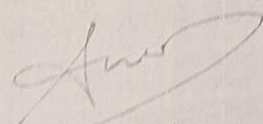
CERTIFICATE

This is to certify that the report entitled "DESIGN AND FABRICATION OF A NOVEL FLUIDIC WINDOW GLASS PANEL" submitted by ANANDAKRISHNAN K S (KVE15ME012), ABHIJITH MOHAN (KVE15ME002), ABHIJITH N S (KVE15ME001) & GOPIKRISHNA S (KVE15ME026) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.


Internal Supervisor

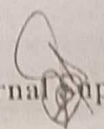
Ajin S

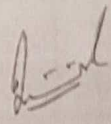
Assistant Professor


Project Coordinator

Ancesh K S

Associate Professor


External Supervisor


Head of the Department

Dr. Nidhish Mathew Nidhiry

Professor & Dean

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



CERTIFICATE

This is to certify that the report entitled "Fabrication of Tilting Bike" submitted by Mohammed Thanseer, Krishna Kammath, Ajith Sankar S, Amal Ashok to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.

Internal Supervisor

Prasanth C Mathew

Assistant Professor

Project Coordinator

Arvind K S

Associate Professor

External Supervisor

Head of the Department

Dr. Nidhish Mathew Nidhiry

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



CERTIFICATE

This is to certify that the report entitled "Car cooler using Peltier element" submitted by AMAL KUMAR (MLM15ME024), ANIRUDHAN K S (MLM15ME033), ASWIN K VASU (MLM15ME044), CLIFFIN GEORGE (MLM15ME048) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.

Internal Supervisor

Prarash T

Assistant Professor

Project Coordinator

Anesh K S

Associate Professor

External Supervisor

Head of the Department

Dr. Nidhish Mathew Nidhiry

PROVINCIAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



विश्वं शास्त्रे प्रतिष्ठितम्।

CERTIFICATE

This is to certify that the report entitled "FABRICATION OF SIT TO STAND MOBILITY ASSISTANCE DEVICE FOR HANDICAPED PERSON" submitted by ANOOP K ASHOKAN (MLM15ME036), ASWIN DEV (MLM15ME043), CIJIN MATHEW (MLM15ME047) & GOKUL MOHAN (MLM15ME060) to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.

Internal Supervisor

Gokul G Nair
Assistant Professor

External Supervisor

Project Coordinator

Aneesh K S
Associate Professor

Head of the Department
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 report entitled "Design and Fabrication of AC bike" submitted by KIRAN MANOJ (KVE15ME039), RASHID ANSAR (MLM15CE076), ANU MOHANNAN (LMLM15ME129), ASVIN SATHYAPAL (LMLM15ME131) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.

Internal Supervisor

Jishnu M

Assistant Professor

Jishnu M
13/06/19

External Supervisor

[Signature]

Project Coordinator

Dr. K S

Associate Professor

[Signature]

Head of the Department

Dr. Nidhish Mathew Nidhiry

[Signature]

[Signature]
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



CERTIFICATE

This is to certify that the report entitled "Camshaft operated automatic gear changer for two wheelers" submitted by Libin Sunny (MLM15ME082), Johnson Joseph (MLM15ME078), Prajith Somaraj (MLM15ME100), Vishnu Vinod (MLM15ME127) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.

Internal Supervisor

ABU THOMAS CHERIAN

Assistant Professor

External Supervisor South Cherman

Project Coordinator

SAMMON KORAH

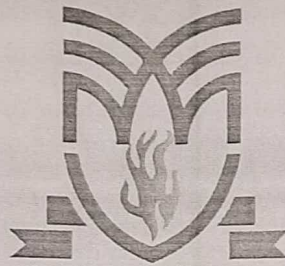
Assistant Professor

Head of the Department

Dr. Nidhish Mathew Nidhiry

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



विश्वं शास्त्रे प्रतिष्ठितम्।

CERTIFICATE

This is to certify that the report entitled 'LOW COST SUGARCANE HARVESTER' submitted by GOVIND S, NITHIN S KUMAR, HARI PRASAD and NIKESH KUMAR KK to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by them under my/our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Sarath Chanchan KG

Sarath Chanchan KG

EXTERNAL SUPERVISOR

INTERNAL SUPERVISOR
Mr. Leneesh N Gopal
Assistant professor

Leneesh N Gopal

PROJECT COORDINATOR
Mr. Sammon Korah
Assistant Professor

Sammon Korah

Nidhish Mathew Nidhiry

HEAD OF DEPARTMENT
Dr. Nidhish Mathew Nidhiry
Professor & Dean

Principal

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING

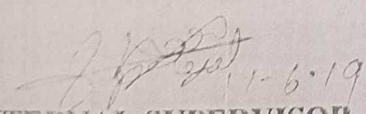
MANGALAM COLLEGE OF ENGINEERING

ETTUMANOOR



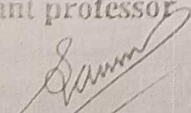
CERTIFICATE

This is to certify that the report entitled 'JACKFRUIT CUTTING AND SPLITTING MACHINE' submitted by KARTHIKA NAIR, LIJU MATHEW ABRAHAM and SACHIN S to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by them under my/our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.


INTERNAL SUPERVISOR

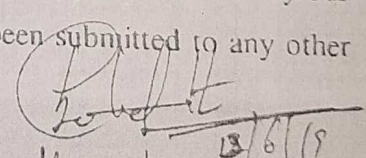
Mr. Hariprasad K S

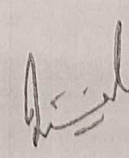
Assistant professor


PROJECT COORDINATOR

Mr. Sammon Korah

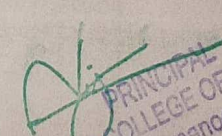
Assistant Professor


EXTERNAL SUPERVISOR


HEAD OF DEPARTMENT

Dr. Nidhish Mathew Nidhiry

Professor & Dean

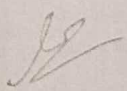

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

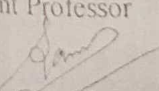
DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

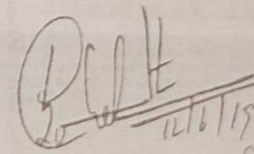


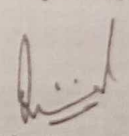
CERTIFICATE

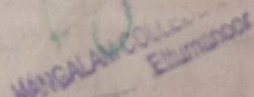
This is to certify that the project report entitled "AUTOMATED PNEUMATIC SUPPORTING WHEELS" is the bonafide record of the project done by GREESHMA S KRISHNAN, JOEL M JAESH, MOHAMMED ATHIF & MUHAMMAD NIYAZ towards the partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY by the APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY.


Internal Supervisor
Manoj Balu
Assistant Professor


Project Coordinator
Sammon Korah
Associate Professor


External Supervisor
Sarehchandan K B


Head of the Department
Dr. Nidhish Mathew Nidhiry
Head of the Department



MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR

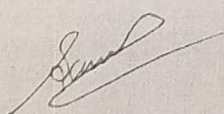


CERTIFICATE

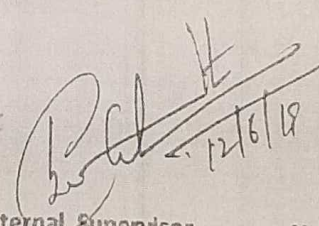
This is to certify that the report entitled "Thermal Analysis On Engine Cylinder Block By Varying Fin Parameter Using Ansys Workbench" submitted by, Priyan Pothen Philip, Leo Mathew, Nandhu KB and Jinson Joy to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by us under the guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.


Internal Supervisor

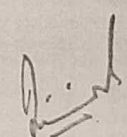
Mr. Albert Mathew
Assistant professor


PG Coordinator

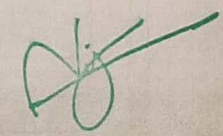
Mr. Sammon Korah
Assistant Professor


External Supervisor

Sarath Chandran K.G.


Head of the Department

Dr. Nidhish Mathew Nidhiry
Professor and Dean

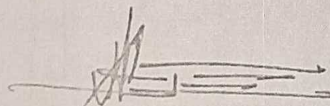

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR

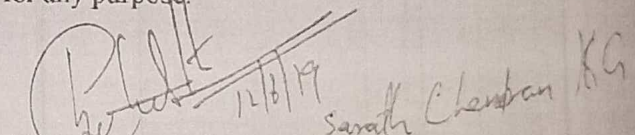



CERTIFICATE

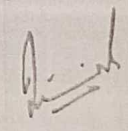
This is to certify that the report entitled "FABRICATION AND ANALYSIS OF PEPPER SEPARATOR AND GRINDER MACHINE" submitted by, **Harikrishnan Nair, Jibin Joseph, Nithin Thomas Varghese and Rahul M.S** to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by us under the guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

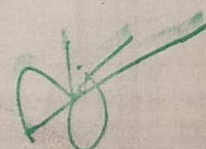

INTERNAL SUPERVISOR

Mr. Arun Jose
Assistant Professor


EXTERNAL SUPERVISOR


PROJECT COORDINATOR
Mr. Sammon Korah
Assistant Professor


HEAD OF DEPARTMENT
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 report entitled "Remote Controlled scrap collecting vehicle cum vacuum cleaner" submitted by, Thomaskutty Thampi, Subin Kumar S, Sagar P, Prathiyas Prakash to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by us under the guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Internal Supervisor

Mr. Amal R
Assistant professor

PG Coordinator

Mr. Sammon Korah
Assistant Professor

External Supervisor

South Chandra KS

Head of the Department

Dr. Nidhish Mathew Nidhiry
Professor and Dean

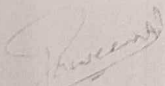
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

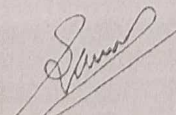


CERTIFICATE

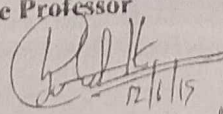
This is to certify that the project report entitled "**PERFORMANCE EVALUATION OF SAVONIUS WIND TURBINE HAVING SINGLE GUIDE VANE**" is the bonafide record of the project done by **JISS T J, JOSEPH RAJU, PRAMOD P K & PRAVEEN P K** towards the partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** by the **APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**.

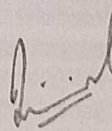

PROJECT GUIDE

Mr. Praveen H
Assistant Professor

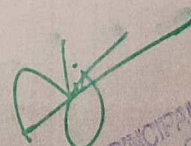

PROJECT COORDINATOR

Mr. Sammon Korah
Associate Professor


Joseph Chandran KG
EXTERNAL SUPERVISOR


HEAD OF DEPARTMENT

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 report entitled "Modified plastic bottle recycling machine" submitted by Abin Sebastian (MLM15ME004), Anoop Suresh (MLM15ME035), Ajin Varghese (MLM15ME007), Akshai S Mookkenthottam (MLM15ME015) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.

Internal Supervisor

RAJEEV K MOHAN

Associate Professor

Project Coordinator

Aneesh K S

Associate Professor

External Supervisor

Head of the Department

Dr. Nidhish Mathew Nidhiry

PRINCIPAL
COLLEGE OF ENGINEERING
ETTUMANOOR

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



CERTIFICATE

This is to certify that the report entitled "Full Body Shower-Dryer" submitted by John Stephen (MLM15ME077), Rejun Raghu (MLM15ME108), Rengith Seby (MLM15ME109), Revith S Nair (MLM15ME110) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.

Internal Supervisor

Ajin S

Assistant Professor

Project Coordinator

Sammon Korah

Associate Professor

External Supervisor

Head of the Department

Dr. Nidhish Mathew Nidhiry

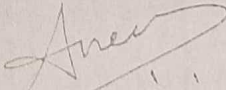
PRINCIPLE
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



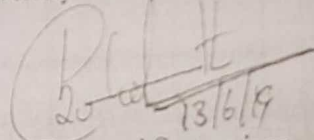
CERTIFICATE

This is to certify that the report entitled "*MOBILE STEP LADDER*" submitted by LUKOSE MATHEW, MELVIN MATHEW, NANDAN KC, PRINU ICKILACHAN to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.

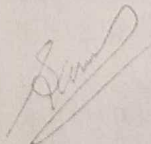

Internal Supervisor

Aneesh K S

Associate Professor



20/06/19
External Supervisor

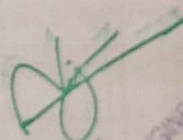
Srath Chandra CG


Project Coordinator

Sammon Korah

Assistant Professor


Head of the Department
Dr. Nidhish Mathew Nidhiry


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

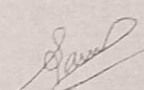
DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

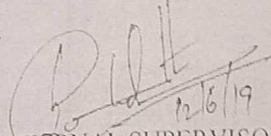


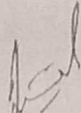
विश्वं शास्त्रे प्रतिष्ठितम्।


CERTIFICATE

This is to certify that the report entitled, "SOLAR MUD REMOVER"
submitted by, JOHN ROSE JOHN, SACHIN BALU, THOMAS SKARIA,
VISHNU V to the APJ Abdul Kalam Technological University in partial fulfillment
of the requirements for the award of the Degree of Bachelor of Technology in
Mechanical Engineering is a bonafide record of the project work carried out by him
under our 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
Mr. SAMMON KORAH
ASSISTANT PROFESSOR
MECHANICAL DEPARTMENT


EXTERNAL SUPERVISOR


HEAD OF THE DEPT
Dr. NIDHISH MATHIEW NIDHIRY
PROFESSOR & DEAN
MECHANICAL DEPARTMENT

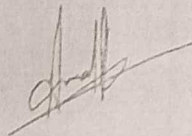

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR

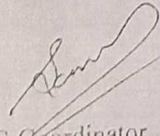


CERTIFICATE

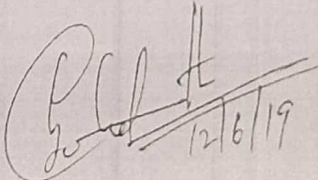
This is to certify that the report entitled "Remote Controlled scrap collecting vehicle cum vacuum cleaner" submitted by, Sagar P , to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by us under the guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.



Internal Supervisor

Mr. Amal R
Assistant professor



PG Coordinator

Mr. Sammon Korah
Assistant Professor


Senthil Chandran KS
External Supervisor


Head of the Department

Dr. Nidhish Mathew Nidhiry
Professor and Dean

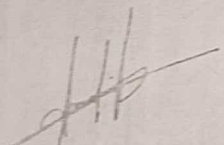

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR

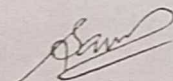


CERTIFICATE

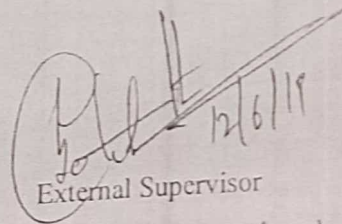
This is to certify that the report entitled "Remote Controlled scrap collecting vehicle cum vacuum cleaner" submitted by, Subin Kumar S , to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by us under the guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.


Internal Supervisor


Mr. Amal R
Assistant professor


PG Coordinator

Mr. Sammon Korah
Assistant Professor


External Supervisor

Sarath Chandran


Head of the Department

Dr. Nidhish Mathew Nidhiry
Professor and Dean



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that the report entitled "Remote Controlled scrap collecting vehicle cum vacuum cleaner" submitted by, Prathiyas Prakash, to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by us under the guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Internal Supervisor

Mr. Amal R
Assistant professor

PG Coordinator

Mr. Sammon Korah
Assistant Professor

24/6/18

External Supervisor

Sarath Chandra K

Head of the Department

Dr. Nidhish Mathew Nidhiry
Professor and Dean

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that the report entitled "Remote Controlled scrap collecting vehicle cum vacuum cleaner" submitted by, Thomaskutty Thampi, to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by us under the guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Internal Supervisor

Mr. Amal R
Assistant professor

PG Coordinator

Mr. Sammon Korah
Assistant Professor

External Supervisor

Sarath Chandran KC

Head of the Department

Dr. Nidhish Mathew Nidhiry
Professor and Dean

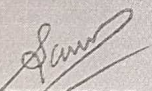
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

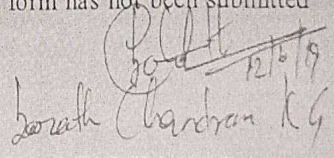
DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

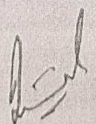


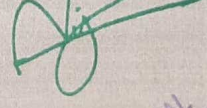
CERTIFICATE

This is to certify that the report entitled, "SOLAR MUD REMOVER" submitted by, JOHN ROSE JOHN, SACHIN BALU, THOMAS SKARIA, VISHNU V to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him under our 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
Mr. SAMMON KORAH
ASSISTANT PROFESSOR
MECHANICAL DEPARTMENT


EXTERNAL SUPERVISOR


HEAD OF THE DEPT
Dr. NIDHISH MATHEW NIDHURY
PROFESSOR & DEAN
MECHANICAL DEPARTMENT


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that the report entitled "Thermal Analysis On Engine Cylinder Block By Varying Fin Parameter Using Ansys Workbench" submitted by, Priyan Pothen Philip, Leo Mathew, Nandhu KB and Jinson Joy to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by us under the guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Internal Supervisor

Mr. Albert Mathew
Assistant professor

PG Coordinator

Mr. Sammon Korah
Assistant Professor

External Supervisor

Sarathchandran K G

Head of the Department

Dr. Nidhish Mathew Nidhiry
Professor and Dean

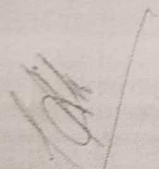
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



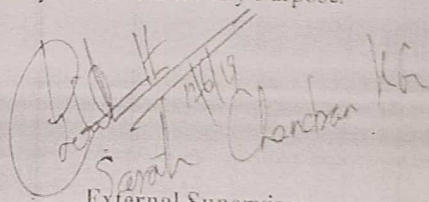
CERTIFICATE


This is to certify that the report entitled "Camshaft operated automatic gear changer for two wheelers" submitted by Libin Sunny (MLM15ME082), Johnson Joseph (MLM15ME078), Prajith Somaraj (MLM15ME100), Vishnu Vinod (MLM15ME127) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.


Internal Supervisor

ABU THOMAS CHERIAN

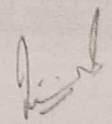
Assistant Professor


External Supervisor

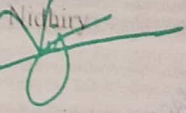

Project Coordinator

SAMMON KORAH

Assistant Professor


Head of the Department

Dr. Nidhish Mathew

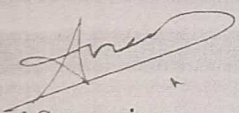

MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



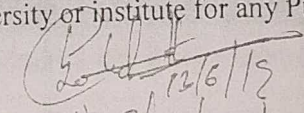
CERTIFICATE

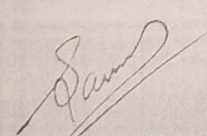
This is to certify that the report entitled "**MOBILE STEP LADDER**" submitted by **LUKOSE MATHEW, MELVIN MATHEW, NANDAN KC, PRINU ICKILACHAN** to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.


Internal Supervisor

Aneesh K S

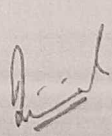
Associate Professor


12/6/19
Sareeth Chandran KR
External Supervisor

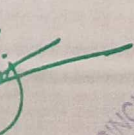

Project Coordinator

Sammon Korah

Assistant Professor


Head of the Department

Dr. Nidhish Mathew Nidhiry

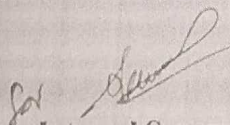

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

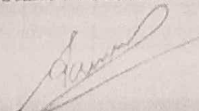
DEPARTMENT OF MECHANICAL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.

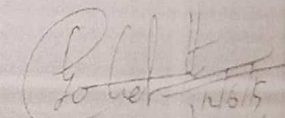


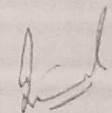
CERTIFICATE


This is to certify that the report entitled "SMART SNACK MAKER" submitted by JIBIN J PUNTHALA (MLM15ME070), MUHAMMED HASLA(MLM15ME092),MUHAMMED SUHAIL (MLM15ME093),VISHNU P S (MLM15ME125) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or institute for any Purpose.


Internal Supervisor
Tinu Thomas
Assistant Professor


Project Coordinator
Sammon Korah
Assistant professor


External Supervisor
Sarath Chandran 19


Head of the Department
Dr. Nidhesh Mathew Nidhry


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

STATE WATER TRANSPORT DEPARTMENT

DOCK AND REPAIR SECTION

ALAPPUZHA 688011

CERTIFICATE

This is to certify that Mr. Ajeesha A I, 5th Semester **Mechanical Engineering** student of Mangalam College of Engineering Kottayam has successfully completed the 5 days industrial training at Dock and Repair Section, State Water Transport Department, Alappuzha.

During this period his conduct is found good and satisfactory.

Alappuzha

01/2019



Mechanical Engineer
ARUN M V
WORKS MANAGER
DOCK & REPAIR SECTION
STATE WATER TRANSPORT DEPARTMENT
ALAPPUZHA - 688 011

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Etumanour

(2018-19) 40
[14]

STATE WATER TRANSPORT DEPARTMENT DOCK AND REPAIR SECTION

ALAPPUZHA - 688011

CERTIFICATE

This is to certify that Mr. **Ajith kumar saji**, 5th Semester **Mechanical Engineering** student of Mangalam College of Engineering Kottayam has successfully completed the 5 days industrial training at Dock and Repair Section, State Water Transport Department, Alappuzha.

During this period his conduct is found good and satisfactory.

Alappuzha

01.2019



[Signature]
19/11/19
Mechanical Engineer
ARUN. M. V.
WORKS MANAGER
DOCK & REPAIR SECTION
STATE WATER TRANSPORT DEPARTMENT
ALAPPUZHA - 688 011

[Signature]

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ethimanoor

STATE WATER TRANSPORT DEPARTMENT
DOCK AND REPAIR SECTION

ALAPPUZHA - 688011

CERTIFICATE

This is to certify that Mr. **Anandapadmanabhan**, 5th Semester **Mechanical Engineering** student of Mangalam College of Engineering Kottayam has successfully completed the 5 days industrial training at Dock and Repair Section, State Water Transport Department, Alappuzha.

During this period his conduct is found good and satisfactory.

Alappuzha

19.01.2019



[Handwritten Signature]
Mechanical Engineer
ARUN. M. V.
WORKS MANAGER
DOCK & REPAIR SECTION
STATE WATER TRANSPORT DEPARTMENT
ALAPPUZHA - 688 011

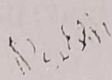
[Handwritten Signature]
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

MANGALAM INDUSTRIES

CERTIFICATE

Certified that MR DIVESH C.R., a student of fourth
Year Mechanical Engineering course of Mangalam College of
Engineering, Ettumanoor, Kottayam, undergone an 'Industrial Training'
at Mangalam Industries, Kottayam, from 23.07.2018 to
21.08.2018 for 30 days.

During the training his work and conduct were good.


Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

ANUGRAHA INDUSTRIES

Manufactures in all kinds of Aluminium vessels)

N-32060657744

Ph : 04868
272466 (Factory)
273258 (Resi.)

Mob: 9447267246

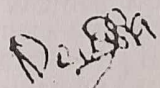
SHED No. 3, MINI INDUSTRIAL ESTATE,
KATTAPPANA, IDUKKI DT, KERALA- 685508.
PMT / SSI Reg. No. 9 / 11 / 05190

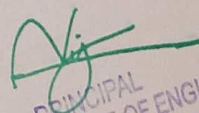
Date... 22/07/2018

CERTIFICATE

Certified that MR. GOKUL MOHAN, a student of fourth year B.Tech Mechanical Engineering course of Mangalam College of Engineering, Ettumanoor, Kottayam undergone an 'Industrial Training' successfully at Anugraha Industries, Kattappana from 23/07/2018 to 07/2018 (6 working days).

During the Training his work and conduct were good.


Manager


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

(20)

STATE WATER TRANSPORT
DEPARTMENT

DOCK AND REPAIR SECTION

ALAPPUZHA - 688011

CERTIFICATE

This is to certify that Mr. Vipinraj B, 7th Semester Mechanical Engineering student of Mangalam College of Engineering Kottayam has successfully completed the industrial training at Dock and Repair Section, State Water Transport Department, Alappuzha for the period from 26.07.2018 to 31.07.2018. During this period his conduct is found good and satisfactory.

Alappuzha
03.08.2018



Arun
31/8/18
Mechanical Engineer I/C
ARUN. M. V.
WORKS MANAGER
DOCK & REPAIR SECTION
STATE WATER TRANSPORT DEPARTMENT
ALAPPUZHA - 688 011

[Signature]
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KERALA STATE ROAD TRANSPORT CORPORATION
Office of the Works Manager,
Regional Workshop, Mavelikara - 690 101
Alappuzha (Dist.), Phone : 0479 - 230 2409
e-mail : rum@kerala.gov.in

G2 351/18 / RW MVKA


01-08-2018

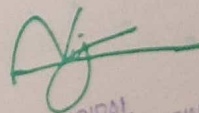
CERTIFICATE

This is to certify that Mr. Thomas Skaria, 7th semester B.Tech (Mechanical Engineering) student Studying at Mangalam College Of Engineering, Vettimukal (P O), Ettumanoor, Kerala has successfully undergone In plant training at Regional Workshop of Kerala State Road Transport Corporation, Mavelikara from 28.07.2018 to 01.08.2018 for 95 working days as part of his course curriculum.

During the course of training the performance and conduct of the candidate was good.




WORKS MANAGER


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KERALA STATE ROAD TRANSPORT CORPORATION
Regional Workshop, Thaikkattukara, P.O, Aluva-683106.
Ernakulam (Dist). Phone: 0484 - 2624088 (Fax) 0484 - 2623544- Ext-10
E-mail: keralartcrwa@gmail.com , rwa@kerala.gov.in

No.RW-653/18/ALY

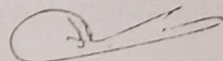
Date: 02.08.2018

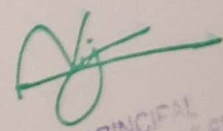
CERTIFICATE

This is to certify that, the following 7th semester B.Tech in Mechanical Engineering Students MANGALAM COLLEGE OF ENGINEERING, Kottayam have successfully completed Industrial Training from 21.07.2018 to 25.07.2018 at Kerala State Road Transport Corporation, Regional Workshop, Aluva as a part of their study.

Sl.No.	Name	Reg.No.	Days attended
1.	KARTHIKA NAIR	MLM15ME080	5 days
2.	MOHAMMED ATHIF	MLM15ME088	3 days
3.	SACHIN.S	MLM15ME113	5 days




WORKS MANAGER
WORKS MANAGER
K.S.R.T.C, Regional Workshop,
Aluva-683106


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KERALA STATE ROAD TRANSPORT CORPORATION
Office of the Works Manager,
Regional Workshop, Mavelikara - 690 101
Alappuzha (Dist.), Phone : 0479 - 230 2409
e-mail : rwm@kerala.gov.in

G2-351/18 / RW MVKA


01-08-2018

CERTIFICATE

This is to certify that Mr. Rejun Raghu , 7th semester B.Tech
(Mechanical Engineering) student Studying at Mangalam College Of
Engineering , Vettimukal (P O) , Ettumanoor, Kerala has successfully
undergone In plant training at Regional Workshop of Kerala State Road
Transport Corporation, Mavelikara from 28.07.2018 to 01.08.2018 for
05 working days as part of his course curriculum.

During the course of training the performance and conduct of the
candidate was good.




WORKS MANAGER


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KERALA STATE ROAD TRANSPORT CORPORATION
Office of the Works Manager,
Regional Workshop, Mavelikara - 690 101
Alappuzha (Dist.), Phone : 0479 - 230 2409
e-mail : rum@kerala.gov.in

01-08-2018


G2-351/18 / RW MVKA

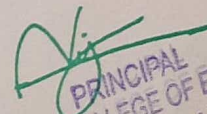
CERTIFICATE

This is to certify that Mr. **Thomas Skaria**, 7th semester B.Tech (Mechanical Engineering) student Studying at Mangalam College Of Engineering, Vettimukal (P O), Ettumanoor, Kerala has successfully undergone In plant training at Regional Workshop of Kerala State Road Transport Corporation, Mavelikara from 28.07.2018 to 01.08.2018 for 5 working days as part of his course curriculum.

During the course of training the performance and conduct of the candidate was good.




WORKS MANAGER


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



KERALA STATE ROAD TRANSPORT CORPORATION
Office of the Works Manager,
Regional Workshop, Mavelikara - 690 101
Alappuzha (Dist.), Phone : 0479 - 230 2409
e-mail : rwm@kerala.gov.in

G2-351/18 / RW MVKA

01-08-2018

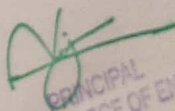
CERTIFICATE

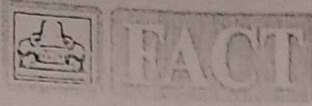
This is to certify that Mr. Vishnu V ,7th semester B.Tech (Mechanical Engineering) student Studying at Mangalam College Of Engineering ,Vettimukal (P O) ,Ettumanoor, Kerala has successfully undergone In plant training at Regional Workshop of Kerala State Road Transport Corporation, Mavelikara from 28.07.2018 to 01.08.2018 for 05 working days as part of his course curriculum.

During the course of training the performance and conduct of the candidate was good.



WORKS MANAGER


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



दि फर्टिलाइजर्स एण्ड केमिकल्स ट्रावन्कोर लिमिटेड
THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED
(भारत सरकार का उद्योग) / (A Government of India Enterprise)

प्रशिक्षण केन्द्र / TRAINING CENTRE
मुख्यालय / Head Office
उद्योगमंडल / Udyogamandal - 683 501

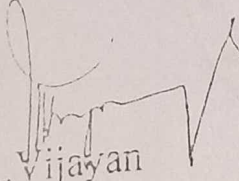
दूरभाष / Phone : 0484 - 2567544, 2567467, 2567583,
2556750, 2559621, 2567423, 2567380, 2567424
ई-मेल / Email : mtrg@factltd.com, mdc@factltd.com

AGM(TRG)-IP/1762/2018-19

31.08.2018

CERTIFICATE

Certified that Ms.KARTHIKA NAIR, B.Tech (Mechanical Engineering) student of Mangalam College of Engineering, Kottayam has successfully completed her Internship in FACT Ltd. Cochin Division, during the period from 27.07.2018 to 31.07.2018


K. Vijayan

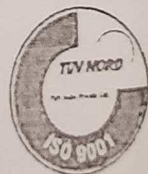
Asst. General Manager (Trg & Dev)
FACT Training Centre
Udyogamandal





PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
पंजीकृत कार्यालय : एलूर, उद्योगमंडल
Regd. Office: Eloor, Udyogamandal

DNV-GL
For FACT-UD QMS AND EMS
For FACT-CD EMS
For FEEDO QMS
For FEW QMS



FOR FACT-CD QMS

KERALA STATE ROAD TRANSPORT CORPORATION

CERTIFICATE


This is to Certify that the following 2nd semester Mechanical Engineering students of MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR have successfully completed 5 internship training from 09.7.2018 to 13.7.2018 at Asst. Transport Office, KSRTC, PALA as part of their study.

Albin John
Arnold Roy

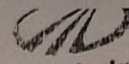
Asst. Transport Officer



2018


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

KURUVAKKATTU AUTO ENGG WORKS



KUMBAZHA P.O., PATHANAMTHITTA. PHONE: 0468-2222307, 2328337, 9633555677

(SSI NO.091303398 PMT/ SS BE Date : 21.06.1993)

E-mail ID: kuruvakkattu@gmail.com



KV-RAGHAVAN & SONS

Date:


TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Abhijith.R.Krishnan S/O Mr. Radhakrishnan.T, Vedika House, Thadiyoor P.O. Ranny Taluk, Thiruvalla, Pathanamthitta (dist), Kerala (state) is studying in Mangalam College of Engineering, Ettumanoor, for Mechanical Engineering. He successfully completed his Internship in this institution from 04.07.2018 To 10.07.2018.

We found his sincerity and hard working, we wish him a bright future.

Thanking you.

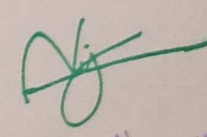
For Kuruvakkattu Auto Engg. Works


MANAGER

Place: KUMBAZHA

Date: 12.07.2018




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



IS / ISO 9001 : 2008



THE TRAVANCORE CEMENTS LIMITED

(A GOVT. OF KERALA UNDERTAKING)

NATTAKOM, KOTTAYAM-686 013, KERALA

CIN : U26941KL1946SGC001213, GSTIN : 32AAACT7593C1ZG

January 21, 2019

PD/3/3

TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Mr. Samuel Thomas Biju, B.Tech (Mechanical Engineering) student, Mangalam College Of Engineering, Mangalam Hills, Vettimugal P.O, Kottayam had undergone an "Internship" in our Company during the period from 07.01.2019 to 11.01.2019 as part of his curriculum.

During this period he had shown keen interest in learning various aspects connected with his academic requirement and was found obedient as well as industrious.

FOR THE TRAVANCORE CEMENTS LTD.,

Sujat
Deputy Manager (P&A).



PK

PK

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumancor





दि फर्टिलाइजर्स एण्ड केमिकल्स ट्रावन्कोर लिमिटेड
 THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED
 (सरकार भारत का उद्योग) / (A Government of India Enterprise)

शिक्षण केन्द्र / TRAINING CENTRE

मुख्यालय / Head Office
 उद्योगमंडल - 683 501

दूरभाष / Phone 0484 - 2567544, 2567467, 2567583,
 2556750, 2559621, 2567423, 2567380, 2567424
 ईमेल / Email mtrg@factltd.com, mdc@factltd.com

AGM/IRG-IP 1385/2018-19

13.07.2018

CERTIFICATE

Certified that **Mr. AJAY P**, B.Tech (Mechanical Engineering)
 student of Mangalam College of Engineering, Ettumanoor,
 Kottayam, has successfully completed his **In-Plant Training** in
 FACT Ltd. Udyogamandal, during the period from 09.07.2018 to
 13.07.2018



Mr. Velumani
 13/7/18
 M. Velumani
 Sr. Manager (Trg)
 FACT Training Centre
 Udyogamandal

(Signature)

PRINCIPAL
 MANGALAM COLLEGE OF ENGINEERING
 Ettumanoor
 पंजीकृत कार्यालय : एलूर, उद्योगमंडल
 Regd. Office: Eloor, Udyogamandal

DNV-GL
 1. FACT-UD QMS AND EMS
 2. FACT-CD EMS
 3. FACT-QMS
 4. FACT-QM



FOR FACT-CD QMS

PRINCIPAL



दि फर्टिलाइजर्स एण्ड केमिकल्स ट्रावन्कोर लिमिटेड
 THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED
 A Government of India Enterprise

TRAINING CENTRE
 UDYOGAMANDAL

Phone: 256715AA, 256714A, 256715B
 256715C, 256715D, 256714Z, 256715E, 256714A
 Fax: 256715A, 256715B, 256715C, 256715D, 256715E

382218-19

13.07.2018

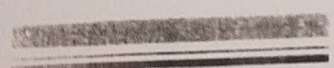
CERTIFICATE

Presented to: Mr. AKHIL P JOHNSON, B.Tech (Mechanical)
 student of Mangalam College of Engineering,
 Kattappana, Kottayam, has successfully completed his In-Plant
 Training at FACT Ltd, Udyogamandal, during the period from
 07.07.2018 to 13.07.2018



[Handwritten Signature]
 13/7/18
 ✓ Verghese
 Manager (Tgt)
 FACT Training Centre
 Udyogamandal

[Handwritten Signature]
 PRINCIPAL
 MANGALAM COLLEGE OF ENGINEERING
 Ethumandor



FACT UO QMS AND EMS
 FACT CO EMS
 FACT OMS
 FACT



FOR FACT CO QMS

पंजीकृत कार्यालय : एन०, उद्योगमंडल
 Regd Office: Eloor, Udyogamandal

FACT TRAINING CENTRE

2518/17

Date: 09/07/18

PERMISSION FOR IN PLANT TRAINING IN FACT LTD

FRANKS AIR ROAD TR

Department
Mechanical

Division
PD

Ms. Divya D. is undergoing IN PLANT TRAINING in FACT LTD. Kindly extend permission for the successful completion of her Project work.

NAME STUDENT

Mob. No. Number	Name of Institution	Branch of study
	Mangalam College Of Engg	B.Tech, Mech, 3S
From: 13.07.18	To: 16.07.18	No of Days-07

TERMS & CONDITIONS

- 1. During the period of Training.
- 2. No claim for employment in the Company
- 3. Expenses towards training charges will not be refunded
- 4. Follow the instructions issued by various departments
- 5. At the end of Training/Project work, you are directed to submit a copy of the Project report, completion certificate of guide/Dept head to AGM(Trg & Dev) before
- 6. Wear the 2 star Capes, College uniform / workshop dress and ID card compulsorily, while in the canteen, D & tanyard after Training, otherwise penalized.
- 7. Report at safety department before starting the Training.
- 8. No part of it in any of National/International journals/Magazines or any of other media without permission of FACT is prohibited and will attract penalty and penal
- 9. Do not carry bag pack, mobile phone, lap top etc inside our company premises

SM(PS)-UD/CD For safety training

Welfare Dept-UD-CD Applicable meals charges has been collected. Requested to arrange meals

CTSE-BO/UDI/FEDO/PD/CD Please allow the students to visit the above department

For Institution For information

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DISTRICT TRANS

in book



KERALA STATE ROAD TRANSPORT CORPORATION

Thodupuzha Depot, Thodupuzha P.O,
Idukki, Kerala - 685584
Phone: 04862 222 388 E-MAIL: tdp@kerala.gov.in



To certify that, MR. AMAL JOY Pursuing B.Tech in Mechanical Engineering (2016-2020) is a student of MANGALAM COLLEGE OF ENGINEERING, Kottayam District, Kerala has successfully completed his Internship Programme from 07.07.2018 to 17.07.2018 (5 days) at Kerala State Road Transport Corporation, Thodupuzha Depot as a part of their study.

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Eitumanoor

DISTRICT TRANSPORT OFFICER

Certificate of Training



This is to certify that

Ms. Mrs. Ms.

ANANDU BALACHANDRAN

A Student

MANGALAM COLLEGE OF ENGINEERING

has

undergone

Three

days Training

programme in

Royal Enfield Technology

from 09-11-2018

to

11-11-2018

Principal

Mangalam College of

Engineering Technologically

Training Manager

Royal Enfield

MANGALAM COLLEGE OF ENGINEERING
PRINCIPAL



दि. फर्टिलाइजर्स एण्ड केमिकल्स ट्रावन्कोर लिमिटेड
 THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED

(A Government of India Enterprise)

TRAINING CENTRE

दूरभाष / Phone : 0484 - 2567544, 2567467, 2567583,
 2556750, 2559621, 2567423, 2567380, 2567424
 ई मेल / Email : mtrg@facttd.com, mdc@facttd.com

NO. FIP 1586 2018-19

13.07.2018

CERTIFICATE

It is certified that Mr. GOKUL KRISHNA, B.Tech (Mechanical Engineering) student of Mangalam College of Engineering, Kottayam, has successfully completed his In-Plant Training in FACT Ltd. Udyogamandal, during the period from 08/07/2018 to 13/07/2018.

M. S. Mani
 13/7/18
 Manager (Trg)
 Training Centre
 Udyogamandal



FOR FACT. CD OMS

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

(Signature)
 PRINCIPAL
 MANGALAM COLLEGE OF ENGINEERING
 Ethimanoor

FACT

दि फर्टिलाइजर्स एण्ड केमिकल्स ट्रावन्कोर लिमिटेड
 THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED

(A Government of India Enterprise)

TRAINING CENTRE

दूरभाष / Phone : 0484 - 2567544, 2567467, 2567583,
 2556750, 2559621, 2567423, 2567380, 2567424
 ईमेल / Email mtrg@factltd.com, mdc@factltd.com

NO-IP 1383 2018-19

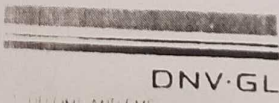
13.07.2018

CERTIFICATE

It is certified that Mr. GOKUL KUMAR G, B.Tech (Mechanical Engineering) student of Mangalam College of Engineering, Kottayam, has successfully completed his In-Plant Training in FACT Ltd. Udyogamandal, during the period from 07.07.2018 to 13.07.2018



K. S. Mani
 12/7/18
 Manager (Trg)
 Training Centre
 Udyogamandal



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

[Signature]
 PRINCIPAL
 MANGALAM COLLEGE OF ENGINEERING



दि फर्टिलाइजर्स एण्ड केमिकल्स ट्रावन्कोर लिमिटेड
 THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED
 (A Government of India Enterprise)

FACT TRAINING CENTRE

दूरभाष / Phone : 0484 - 2567544, 2567467, 2567583,
 2556750, 2559621, 2567423, 2567380, 2567424
 ईमेल / Email : mtrg@factltd.com, mdc@factltd.com

REGD-IP 1384 2018-19

13.07.2018

CERTIFICATE

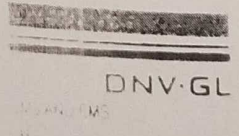
Certified that Mr. ALVIN PUNNOSE ABY, B.Tech
 (Mechanical Engineering) student of Mangalam College of
 Engineering, Ettumanoor, Kottayam, has successfully completed
 In-Plant Training in FACT Ltd. Udyogamandal, during the
 period from 09.07.2018 to 13.07.2018

[Signature]
 13/7/18
 E. Mani
 Manager (Trg)
 FACT Training Centre
 Udyogamandal



[Signature]

PRINCIPAL
 MANGALAM COLLEGE OF ENGINEERING
 Ettumanoor



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

FOR FACT CO. OMS

MANGALAM

COLLEGE OF ENGINEERING, ETTUMANOOR
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

APRIL 2018



CERTIFICATE

This is to certify that the project report entitled "Waste Dumping" is the bonafide record of the workdone by Linta Varghese (14008203), Minnu Joseph (14008205), Nafla Iqbal (14008206), Namitha Sabu (14008207) of fourth year B.Tech in Computer Science & Engineering towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by Mahatma Gandhi University, Kottayam during the academic year 2017-2018.

Internal Guide

Ms. Tinu Thomas

Asst. Professor

Computer Science and Engineering

Head of the department

Dr. Vinodh P Vijayan

Associate Professor & HOD

Computer Science and Engineering

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

MANGALAM

COLLEGE OF ENGINEERING, ETTUMANOOR
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

APRIL 2018



CERTIFICATE

This is to certify that the project report entitled "Android Application For Rescue And Accident Alert" is the bonafide record of the work done by Jojina Thomas, Shijomon Antony, Texa Elsa Joseph and Vishnu Krishnan of fourth year B.Tech in Computer Science & Engineering towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by Mahatma Gandhi University, Kottayam during the academic year 2017-2018.

Internal Guide

Ms. Jeny George

Asst. Professor

Computer Science and Engineering

Head of the department

Dr. Vinodh P Vijayan

Associative Professor

Computer Science and Engineering

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

MANGALAM

COLLEGE OF ENGINEERING, ETTUMANOOR
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

APRIL 2018



CERTIFICATE

This is to certify that the project report entitled "Vehicle Speed Detection and Reporting System" is the bonafide record of the work done by Nobin Jose Baby, Revathy P, Sebin T Onamkulam and Anju V A of fourth year B.Tech in Computer Science & Engineering towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by Mahatma Gandhi University, Kottayam during the academic year 2017-2018.

Internal Guide

Ms. Jeny George

Asst. Professor

Computer Science and Engineering



Head of the department

Dr. Vinodh P Vijayan

Associate Professor

Computer Science and Engineering

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

MANGALAM

COLLEGE OF ENGINEERING, ETTUMANOOR
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
APRIL 2018



CERTIFICATE

This is to certify that the project report entitled "KISAN KERALA-Agriculture based android app" is the bonafide record of the work done by Pranav.R (14008213), RahuLR(14008214), Sony Thomas(14008224), Sreelakshmi Asokan(14008226), Sarika Chandran(14008114) of fourth year B.Tech in Computer Science & Engineering towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by Mahatma Gandhi University, Kottayam during the academic year 2017-2018.


Internal Guide

Ms. Nisha K S

Asst. Professor

Computer Science and Engineering


Head of the department

Dr. Vinodh P Vijayan

Associate Professor & HOD

Computer Science and Engineering

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

MANGALAM

COLLEGE OF ENGINEERING, ETTUMANOOR
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

APRIL, 2018



विश्वं शास्त्रे प्रतिष्ठितम्

CERTIFICATE

This is to certify that the project report entitled "Find My Spot" is the bonafide record of the work done by Jikku Joseph(14008193), Jobin Varikey Varghese (14008196), Johith Oommen Iype(14008197), Linson Sam(14008202) of fourth year B.Tech in Computer Science & Engineering towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by Mahatma Gandhi University, Kottayam during the academic year 2017-2018.

Internal Guide

Mrs. Neena Joseph

Asst. Professor

Computer Science and Engineering

Head of the department

Dr. Vinodh P Vijayan

Associate Professor & HOD

Computer Science and Engineering

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

MANGALAM

COLLEGE OF ENGINEERING, ETTUMANOOR
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
APRIL 2018



CERTIFICATE

This is to certify that the project report entitled "Uber Ambulance" is the bonafide record of the workdone by Manu Sajeevan(14008204), Jimmy S (14008194), Shilpa Sasikuttan (14008222), Shahitha S (14008219) of fourth year B.Tech in Computer Science & Engineering towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by Mahatma Gandhi University, Kottayam during the academic year 2017-2018.


Internal Guide

Ms. Merlin Mary James

Asst. Professor

Computer Science and Engineering




Head of the department

Dr. Vinodh P Vijayan

Associate Professor & HOD

Computer Science and Engineering

MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

MANGALAM

COLLEGE OF ENGINEERING, ETTUMANOOR
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

APRIL 2018



CERTIFICATE

This is to certify that the project report entitled "Railway gate controller using an android application" is the bonafide record of the work done by NIJIMON G (14008209), NIKITHA THOMAS(14008210), PADMESH M POTTY(14008212), SHERIN MARIA VARGHESE(14008220) of fourth year B.Tech in Computer Science & Engineering towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by Mahatma Gandhi University, Kottayam during the academic year 2017-2018.

Internal Guide

Ms. Jissy Liz Jose

Asst. Professor

Dept. of Computer Science and Engineering

Head of the department

Dr. Vinodh P Vijayan

Associate Professor & HOD

Dept. of Computer Science and Engineering

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

MANGALAM

COLLEGE OF ENGINEERING, ETTUMANOOR
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

APRIL 2018



CERTIFICATE

This is to certify that the project report entitled "EAGLE VISION SECURITY" is the bonafide record of the work done by DINUNATH R,KANNAN, C M,KEERTHANA VASANTH,RESHMI RAVINDRAN of fourth year B.Tech in Computer Science & Engineering towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by Mahatma Gandhi University, Kottayam during the academic year 2017-2018.

Gokula Nath G
21/5/2018

Internal Guide

Ms. Gokula Nath G

Asst. Professor

Computer Science and Engineering

Vinodh P Vijayan

Head of the department

Dr. Vinodh P Vijayan

Associate Professor & HOD

Computer Science and Engineering

MANGALAM COLLEGE OF ENGINEERING
PRINCIPAL
ETTUMANOOR

MANGALAM

COLLEGE OF ENGINEERING, ETTUMANOOR
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
APRIL 2018



CERTIFICATE

This is to certify that the project report entitled "Smart Cart" is the bonafide record of the work done by Akhila Nelson (14008379), Riya Joseph (14008217), Shintu Abraham (14008223), Sreekumar P S (14008225) of fourth year B.Tech in Computer Science & Engineering towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by Mahatma Gandhi University, Kottayam during the academic year 2017-2018.


Internal Guide

Ms. Sreenimol K R

Assoc. Professor

Computer Science and Engineering




Head of the department

Dr. Vinodh P Vijayan

Associate Professor & HOD

Computer Science and Engineering

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Administrative Office:
Madaparambil Chambers,
Muvattupuzha-686661
Ernakulam (Dist.), Kerala,
India.
Fax: +91 - 485-2830855



METROLLA STEELS LTD

An ISO 9001 Certified Company

Date: 10.07.2017

Ref: TCP/PW/8/2017-18

CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

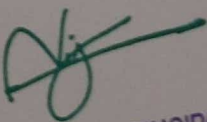
This is to certify that the following B.Tech in Civil Engineering (S2) A Batch students of Mangalam College of Engineering, Ettumanoor, Kottayam District had visited our steel manufacturing unit on 13.06.2017, as part of their curriculum. The students had acquired the complete knowledge about the steel making process in our unit. They were educated on Steel Melting and Casting, various Rolling Mill process and Thermo Mechanical Treatment (TMT) Technology. The students were happy to learn about the layout of the factory and various kinds of machines.

Thanking you,

For Metrolla Steels Ltd.

(HR manager)

List of students enclosed.


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Factory:
Pezhakkappilly P.O, Paipra, Muvattupuzha-686674,
Ernakulam (Dist.), Kerala, India.
Tel: +91- 485-2548313, 2548513, 2548514, 2548516

Administrative Office:

Madaparambil Chambers,
Muvattupuzha-686661
Ernakulam (Dist.), Kerala,
India.

Fax: +91 - 485-2830855



METROLLA STEELS LTD

An ISO 9001 Certified Company

24	BINSHAD M.
25	BIYATREES JOSEPH
26	CHRISTEENA THOMAS
27	FATHIMA SHAFI
28	FLORA PHILIP
29	GREESHMA K.VIJAYAN
30	IRFANA ISMAIL
31	JAYALAKSHMI K.R.
32	JINU JACOB
33	JISA JOSE
34	JOTHY RAJ P.
35	KARTHIKA K.
36	KEERTHANA K.
37	KEERTHY STEPHEN
38	KEVIN ELPHINE THOMAS

For Metrolla Steels Ltd.

(HR manager)

(This is a computer generated certificate and no signature is required)

actory:

zhakkappilly P.O. Paipra, Muvattupuzha-686674,
nakulam (Dist.), Kerala, India.

l: +91- 485-2548313, 2548513, 2548514, 2548516

mail: metcon@gmail.com. mail@metconindia.com

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumambur

Administrative Office:

Madaparambil Chambers,
Muvattupuzha-686661
Ernakulam (Dist.), Kerala,
India.

Fax: +91 - 485-2830855



METROLLA STEELS LTD

An ISO 9001 Certified Company

List of students visited our factory on 13.06.2017

Sl. No.	NAME
1	ABHIRAM CHANDRAN
2	ABHISANKAR K.GOPI
3	AISWARYA ANIL
4	AISWARYA B.
5	AJEESHMA NAIR
6	AJU M.JOHN
7	AKHIL BABU
8	AKHIL M.S.
9	AKSHAY K.
10	ANANDHU RAJEEVAN
11	ANANDHU SUNIL
12	ANJANA PURUSHOTHAMAN
13	ANJANA RAJ
14	ANJITHA RAVI
15	ARCHANA KANAKAMBARAN
16	ARDRA SANTHOSH
17	ARPANA RAJ
18	ASHA GREGORY
19	ASHLY MARIAM VARKEY
20	ASHWANTH P.S
21	ASWATHYVISHNUPRIYA S
22	ATHULYA VENU
23	BIBIN SEBASTIAN

Factory:

Pezhakkappilly P.O, Paipra, Muvattupuzha-686674,
Ernakulam (Dist.), Kerala, India.

Tel: +91- 485-2548313, 2548513, 2548514, 2548516

E-mail: metcon@gmail.com, mail@metconindia.com

Web site: www.metconindia.com

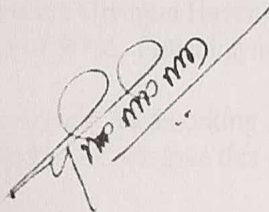
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Date: 25/07/2017

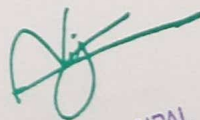
INTERNSHIP CERTIFICATE

This is to certify that **Ms. AISWARYA ANIL**, pursuing her B.Tech S2 CIVIL ENGINEERING has successfully completed summer internship at CORAL REEF HOTEL PROJECT from 18th JULY 2017 to 22nd JULY 2017.

We found her sincere, hardworking & technically sound and result oriented. She worked well as part of a team during her tenure. We take this opportunity to thank her and wish her all the best for her future.



Sakaria C.M
Project Manager
25/7/2017



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumancor

15-07-2017

To,

Prof. Reshma Kassim
Head of the Department
Department of Civil Engineering
Mangalam College of Engineering
Vettimukal P.O, Kottayam- 686631

Sub : Internship for 2nd Semester B.Tech Civil Engineering Branch.

Ref : Letter dated 7/7/2017

INTERNSHIP CERTIFICATE

This is to certify that **Ms. Aiswarya B**, pursuing his B.Tech Civil Engineering 2nd Semester has successfully completed Internship in our below mentioned projects from 10th July 2017 to 14th July 2017


1. Travancore Opus Highway , having 24 floors at NH Bypass, Puthiya Road . Ernakulam
Nature of work: Structural and finishing works
2. Travancore Olympia Haven : having 10 Villas at Kaloor . Ernakulam .
Nature of Work: Finishing and interior furnishing works .

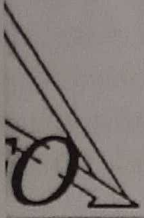
We found her sincere, hardworking , technically sound and result oriented. She worked well as part of a team during the tenure. We take this opportunity to thank and wish her all the best for his future.

Thanking You,

Yours Faithfully,




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



LEO ASSOCIATES

ARCHITECTS & ENGINEERS

IInd FLOOR, KOCHUVEETIL BUILDING

NEAR S.B. COLLEGE

Ph: 0481- 2426168 (O), 9747712538 (M)

E.mail:leochanganacherry@gmail.com

Date.....

18/07/2017

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Ajay Babu, (MLM16CE007) 2nd semester B.Tech student, Mangalam College of Engineering, Ettumanoor has been associated with our project execution team regarding his industrial training programme from 07/07/2017 to 12/07/2017

During his training period, we found him a sincere, hardworking dedicated student with professional attitude and good technical knowledge.

We wish him all success in his future life.

PRINCE MATHIEW
Tech(CIVIL), M.E (STRUCT), MIE, FIV
CHARTERED ENGINEER
Reg. No. M-135799-9
Approved Valuer, Reg. No. F - 10793

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

SHAJAN JACOB

A - Class P .W.D Contractor, Reg No : 5/A
Ovelil House, Kurumpanadom P. O
Changanacherry, Kerala - 686536
Ph: 0481- 2471194@

OVELIL CONSTRUCTIONS

Near KSEB, Thengana
Perumpanachy P. O ;Changanacherry
Kottayam (Dist), Kerala- 686536
Ph: 0481-2472259,9447187494
Email : ovellilconstructions@yahoo.in

Date : 24-07-2017

CERTIFICATE

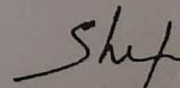
To whomsoever it may Concern,

This is to certify that **AJEESHMA NAIR (MLM16CE008)** Mangalam College of Engineering, Ettumanoor CIVIL Engineering Batch has under gone internship training in our organization from **14-07-2017** to **19-07-2017** at our site of "Construction of Kottayam District Planning Committee secretariat Building".

During the period of her internship programme with us, she was found punctual, hard working & inquisiting.

We wish her every success in life.

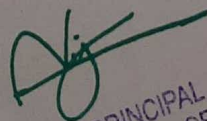
Yours Faithfully



Shajan Jacob

SHAJAN JACOB

A Class P.W.D. Contractor, Reg No: 5/A
Ovelil House, Kurumpanadom P. O
Changanacherry, Kerala - 686536
Ph: 0481-2471194



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

SHAJAN JACOB

A - Class P.W.D Contractor, Reg No : 5/A

Ovelil House, Kurumpanadom P. O

Changanacherry, Kerala - 686536

Ph: 0481- 2471194®

OVELIL CONSTRUCTIONS

Near KSEB, Thengana

Perumpanachy P. O ;Changanacherry

Kottayam (Dist), Kerala- 686536

Ph: 0481-2472259,9447187494

Email : ovelilconstructions@yahoo.in

Date : 24-07-2017

CERTIFICATE

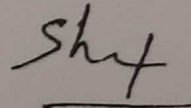
To whomsoever it may Concern,

This is to certify that **AKHIL M. S (MLM16CE011)** Mangalam College of Engineering, Ettumanoor CIVIL Engineering Batch has under gone internship training in our organization from **14-07-2017** to **19-07-2017** at our site of "Construction of Kottayam District Planning Committee secretariat Building.

During the period of his internship programme with us, he was found punctual, hard working & inquisiting.

We wish him every success in life.

Yours Faithfully



Shajan Jacob

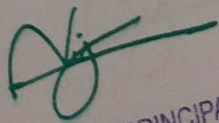
SHAJAN JACOB

A Class P.W.D. Contractor, Reg No 5/A

Ovelil House, Kurumpanadom P.O.

Changanacherry, Kerala - 686 536

Ph: 0481 2471194 (R)



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

RAMESH V.C
C- Class P.W.D Contractor
Reg No:EE(m)36/
V C Home
Pookkottumpadam Post
Malappuram Dist, Kerala
Ph: 04931 260061

V.C CONSTRUCTIONS
Chulliyode Road, Pookkottumpadam
MalappuramDist, Kerala 679332
Mobile Number: 9447264779
rameshvc2001@gmail.com

Date: 17/07/2017


CERTIFICATE

To Whom so ever it may Concern,

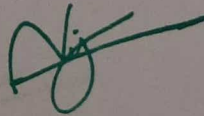
This is certify that **Akshay K (MLM16CE013)** Manglam College of Engineering Ettumanoor CIVIL Engineering Batch has under internship in our organization from **10/07/17 to 15/07/17** at our site of " Construction of road, in Chokkad Paruthippatta road in Chokkad Grama Panchayath

During his period of him internship programme with us, he was found punctual and hardworking

We wish him every success in life.


RAMESH V.C

Yours faithfully
V.C Constructions
Pookkottumpadam



SHAJAN JACOB

A - Class P .W.D Contractor, Reg No : 5/A
Ovelil House, Kurumpanadom P. O
Changanacherry, Kerala - 686536
Ph: 0481- 2471194®

OVELIL CONSTRUCTIONS

Near KSEB, Thengana
Perumpanachy P. O ;Changanacherry
Kottayam (Dist), Kerala- 686536
Ph: 0481-2472259,9447187494
Email : ovelilconstructions@yahoo.in

Date : 24-07-2017

CERTIFICATE

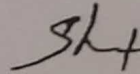
To whomsoever it may Concern,

This is to certify that **ANANDHU RAJEEVAN (MLM16CE015)** Mangalam College of Engineering, Kidangoor CIVIL Engineering Batch has under gone internship training in our organization from **14-07-2017 to 19-07-2017** at our site of "Construction of Kottayam District Planning Committee secretariat Building.

During the period of his internship programme with us, he was found punctual, hard working & inquisiting.

We wish him every success in life.

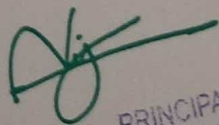
Yours Faithfully



Shajan Jacob

SHAJAN JACOB

A - Class P.W.D. Contractor Reg No: 5/A
Ovelil House, Kurumpanadom P.O.
Changanacherry, Kerala - 686 536
Ph: 0481 2471194 (R)



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

15.07.2017

Prof. Reshma Kassim
Head of the Department
Department of Civil Engineering
Mangalam College of Engineering
Vettimukal P.O, Kottayam- 686631

Subject: Internship for 2nd Semester B.Tech Civil Engineering Branch.

Reference: Letter dated 7/7/2017

INTERNSHIP CERTIFICATE

It is to certify that **Ms. Anjana Raj**, pursuing his B.Tech Civil Engineering 2nd Semester has successfully completed Internship in our below mentioned projects from 10th July 2017 to 14th July 2017.

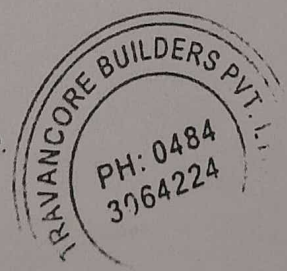
1. Travancore Opus Highway , having 24 floors at NH Bypass, Puthiya Road . Ernakulam .
Nature of work: Structural and finishing works
2. Travancore Olympia Haven : having 10 Villas at Kaloor . Ernakulam .
Nature of Work: Finishing and interior furnishing works .

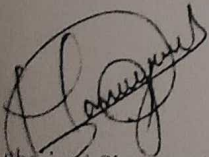
We found her sincere, hardworking , technically sound and result oriented. She worked well as part of a team during the tenure. We take this opportunity to thank and wish her all the best for his future.

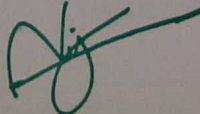
Thanking You,

Yours Faithfully,

For TRAVANCORE BUILDERS (P) LTD.




Authorised Signatory



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



PUTHOOPPALLIL BUILDERS

Date :19/07/2017

CERTIFICATE

Certified that Mrs. Ashly Mariam varkey Student of Mangalam College of Engineering has been successfully under gone practical training from 3rd July to 10th July (7days) Under the supervision of this office for the partial fullfilment of her B-Tech curriculam .

~~Puthooppallil Builders~~
~~Managing Director~~

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

thenveetil T G Abraham memorial building, Office number V111 / 298,
niranam P.O; Kadapra, Thiruvalla, Kerala. Phone: 0091 9446753802, 8281383888
E-mail: pbniranam@gmail.com, Web: www.pbniranam@gmail.com

15-07-2017

Prof. Reshma Kassim
Head of the Department
Department of Civil Engineering
Mangalam College of Engineering
Vettimukal P.O. Kottayam- 686631

- 1. Internship for 2nd Semester B.Tech Civil Engineering Branch.
- 2. Letter dated 7/7/2017

INTERNSHIP CERTIFICATE

It is to certify that **Ms. Keerthy Stephen**, pursuing his B.Tech Civil Engineering 2nd Semester has successfully completed Internship in our below mentioned projects from 10th July 2017 to 14th July 2017.

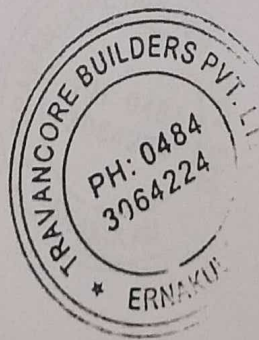
1. Travancore Opus Highway, having 24 floors at NH Bypass, Puthiya Road, Ernakulam.
Nature of work: Structural and finishing works
2. Travancore Olympia Haven: having 10 Villas at Kaloor, Ernakulam.
Nature of Work: Finishing and interior furnishing works.

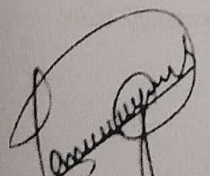
We found her sincere, hardworking, technically sound and result oriented. She worked well as part of a team during the tenure. We take this opportunity to thank and wish her all the best for his future.

Thanking You,

Yours Faithfully,

TRAVANCORE BUILDERS (P) LTD.




Authorized Signatory



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

15-07-2017

Prof. Reshma Kassim
Head of the Department
Department of Civil Engineering
Mangalam College of Engineering
Vettimukal P.O. Kottayam- 686631

Internship for 2nd Semester B.Tech Civil Engineering Branch.

Letter dated 7/7/2017

INTERNSHIP CERTIFICATE

to certify that **Ms.Jothy Raj P**, pursuing his B.Tech Civil Engineering 2nd Semester has fully completed Internship in our below mentioned projects from 10th July 2017 to 14th July 2017

Travancore Opus Highway , having 24 floors at NH Bypass, Puthiya Road , Ernakulam .
Nature of work: Structural and finishing works

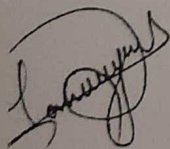
Travancore Olympia Haven : having 10 Villas at Kaloor , Ernakulam .
Nature of Work: Finishing and interior furnishing works .

and her sincere, hardworking , technically sound and result oriented. She worked well as part of a during the tenure. We take this opportunity to thank and wish her all the best for his future.


ing You.

Faithfully,

RAVANCORE BUILDERS (P) LTD.



ised Signatory



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Erumanoor

SHAJAN JACOB

A - Class P .W.D Contractor, Reg No : 5/A
Ovelil House, Kurumpanadom P. O
Changanacherry, Kerala - 686536
Ph: 0481- 2471194@

OVELIL CONSTRUCTIONS

Near KSEB, Thengana
Perumpanachy P. O ;Changanacherry
Kottayam (Dist), Kerala- 686536
Ph: 0481-2472259,9447187494
Email : ovellilconstructions@yahoo.in

Date : 24-07-2017

CERTIFICATE

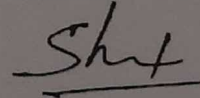
To whomsoever it may Concern,

This is to certify that **JISA JOSE (MLM16CE050)** Mangalam College of Engineering, Ettumanoor CIVIL Engineering Batch has under gone internship training in our organization from **14-07-2017 to 19-07-2017** at our site of "Construction of Kottayam District Planning Committee secretariat Building.

During the period of her internship programme with us, she was found punctual, hard working & inquisiting.

We wish her every success in life.

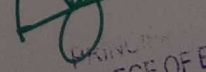
Yours Faithfully



Shajan Jacob

SHAJAN JACOB

A Class P.W.D. Contractor, Reg No 5/A
Ovelil House, Kurumpanadom PO
Changanacherry, Kerala - 686 536
Ph: 0481 2471194



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

SHAJAN JACOB

A - Class P.W.D Contractor, Reg No : 5/A
Ovelil House, Kurumpanadom P. O
Changanacherry, Kerala - 686536
Ph: 0481- 2471194®

OVELIL CONSTRUCTIONS

Near KSEB, Thengana
Perumpanachy P. O ;Changanacherry
Kottayam (Dist), Kerala- 686536
Ph: 0481-2472259,9447187494
Email : ovelilconstructions@yahoo.in

Date : 24-07-2017

CERTIFICATE

To whomsoever it may Concern,

This is to certify that **JAYALEKSHMI K. R (MLM16CE047)** Mangalam College of Engineering, Ettumanoor CIVIL Engineering Batch has under gone internship training in our organization from **14-07-2017 to 19-07-2017** at our site of "Construction of Kottayam District Planning Committee secretariat Building.

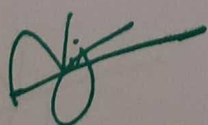
During the period of her internship programme with us, she was found punctual, hard working & inquisiting.

We wish her every success in life.

Yours Faithfully



Shajan Jacob



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

SHAJAN JACOB
A - Class P.W.D. Contractor, Reg No: 5/A
Ovelil House, Kurumpanadom P.O.
Changanacherry, Kerala - 686 536
Ph: 0481 2471194 (®)

SHAJAN JACOB

A - Class P.W.D Contractor, Reg No : 5/A
Ovelil House, Kurumpanadom P. O
Changanacherry, Kerala - 686536
Ph: 0481- 2471194

OVELIL CONSTRUCTIONS

Near KSEB, Thengana
Perumpanachy P. O ;Changanacherry
Kottayam (Dist), Kerala- 686536
Ph: 0481-2472259,9447187494
Email : ovelimconstructions@yahoo.in

Date : 24-07-2017

CERTIFICATE

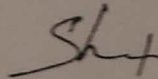
To whomsoever it may Concern,

This is to certify that **GREESMA K VIJAYAN(MLM16CE044)** Mangalam College of Engineering, Ettumanoor CIVIL Engineering Batch has under gone internship training in our organization from **14-07-2017 to 19-07-2017** at our site of "Construction of Kottayam District Planning Committee secretariat Building.

During the period of her internship programme with us, she was found punctual, hard working & inquisiting.

We wish her every success in life.


Yours Faithfully



Shajan Jacob

SHAJAN JACOB

A Class P.W.D. Contractor, Reg. No: 5/A
Ovelil House, Kurumpanadom P.O.
Changanacherry, Kerala - 686 536
Ph: 0481 2471194



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



LEO ASSOCIATES

ARCHITECTS & ENGINEERS

IInd FLOOR, KOCHUVEETIL BUILDING

NEAR S.B. COLLEGE

Ph: 0481- 2426168 (O), 9747712538 (M)

E.mail:leochanganacherry@gmail.com

Date.....

18/07/2017

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Irfan C Ismail, (MLM16CE046)** 2nd semester B.Tech student, **Mangalam College of Engineering, Ettumanoor** has been associated with our project execution team regarding his industrial training programme from 07/07/2017 to 12/07/2017

During his training period, we found him a sincere, hardworking dedicated student with professional attitude and good technical knowledge.

We wish him all success in his future life.

PRINCE MATHEW
M.Tech(CIVIL), M.E (STRUCT), MIE, I
CHARTERED ENGINEER
Reg. No. M-136799-9
Approved Valuer, Reg. No. F - 16763

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

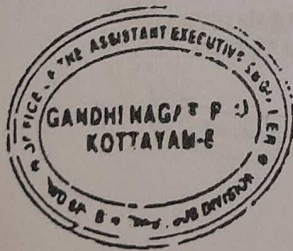
PUBLIC WORKS DEPARTMENT

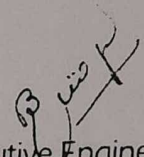
Office of the Asst. Executive Engineer
PWD Special Buildings Sub Division
Gandhinagar.P.O., Kottayam- 686008
Ph: 0481 2597218
pwdsplbldgs@gmail.com.

CERTIFICATE

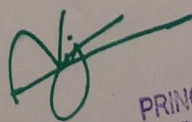
Certified that Miss. Flora Philip , student of second semester Civil Engineering of MANGALAM COLLEGE OF ENGINEERING has been successfully undergone practical training from 27th June to 1st July (5 days) under the supervision of this office for the partial fulfillment of her B.Tech curriculum.

Gandhinagar
01.07 2017




Assistant Executive Engineer

Assistant Executive Engineer
PWD SPL Buildings Sub Division
Gandhinagar P.O. Kottayam - 8


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

PUBLIC WORKS DEPARTMENT

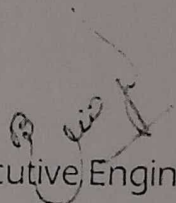
Office of the Asst. Executive Engineer
PWD Special Buildings Sub Division
Gandhinagar.P.O., Kottayam- 686008
Ph: 0481 2597218
pwdsplbldgs@gmail.com.

CERTIFICATE

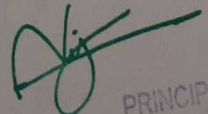
Certified that Miss. Christeena Thomas , student of second semester Civil Engineering of MANGALAM COLLEGE OF ENGINEERING has been successfully undergone practical training from 27th June to 1st July (5 days) under the supervision of this office for the partial fulfillment of her B.Tech curriculum.

Gandhinagar
01.07.2017




Assistant Executive Engineer

Assistant Executive Engineer
PWD SPL Buildings Sub Division
Gandhinagar P.O., Kottayam - 8


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

SHAJAN JACOB

A - Class P.W.D Contractor, Reg No : 5/A
Ovelil House, Kurumpanadom P. O
Changanacherry, Kerala - 686536
Ph: 0481- 2471194@

OVELIL CONSTRUCTIONS

Near KSEB, Thengana
Perumpanachy P. O ;Changanacherry
Kottayam (Dist), Kerala- 686536
Ph: 0481-2472259,9447187494
Email : ovellilconstructions@yahoo.in

Date : 24-07-2017

CERTIFICATE

To whomsoever it may Concern,

This is to certify that **BIYATREES JOSEPH (MLM16CE039)** Mangalam College of Engineering, Ettumanoor CIVIL Engineering Batch has under gone internship training in our organization from **14-07-2017 to 19-07-2017** at our site of "Construction of Kottayam District Planning Committee secretariat Building.

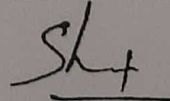
During the period of her internship programme with us, she was found punctual, hard working & inquisiting.

We wish her every success in life.



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

Yours Faithfully



Shajan Jacob

SHAJAN JACOB

A-Class P.W.D. Contractor, Reg No: 5/A
Ovelil House, Kurumpanadom P.O.
Changanacherry, Kerala - 686 536
Ph. 0481 2471194 (R)



LEO ASSOCIATES

ARCHITECTS & ENGINEERS

IInd FLOOR, KOCHUVEETIL BUILDING

NEAR S.B. COLLEGE

Ph: 0481- 2426168 (O), 9747712538 (M)

E.mail:leochanganacherry@gmail.com

Date.....

17/07/2017

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Ashwanth.P.S,** (MLM16CE028) 2nd semester B.Tech student, **Mangalam College of Engineering,** Ettumanoor has been associated with our project execution team regarding his industrial training programme from 07/07/2017 to 12/07/2017

During his training period, we found him a sincere, hardworking dedicated student with professional attitude and good technical knowledge.

We wish him all success in his future life.

PRINCE MATHEW
M.Tech(CIVIL), M.E (STRUCT), MIE PH
CHARTERED ENGINEER
Reg. No. M-16700-9
Approved Valuer Reg. No. F-10750

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



LEO ASSOCIATES
ARCHITECTS & ENGINEERS
IInd FLOOR, KOCHUVEETIL BUILDING
NEAR S.B. COLLEGE
Ph: 0481- 2426168 (O), 9747712538 (M)
E.mail:leochanganacherry@gmail.com

Date.....

17/07/2017

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Ashwanth.P.S,** (MLM16CE028) 2nd semester B.Tech student, **Mangalam College of Engineering,** Ettumanoor has been associated with our project execution team regarding his industrial training programme from 07/07/2017 to 12/07/2017

During his training period; we found him a sincere, hardworking dedicated student with professional attitude and good technical knowledge.

We wish him all success in his future life.

PRINCE MATHEW
M.Tech(CIVIL), M.E (STRUCT), MIE PH.
CHARTERED ENGINEER
Reg. No. MA 16729-B
Approved Member, Reg. No. F - 10750

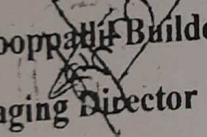
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

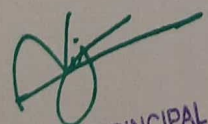

**PUTHOOPPALLIL
BUILDERS**

Date :19/07/2017


CERTIFICATE

Certified that Mrs. Ashly Mariam varkey Student of Mangalam College of Engineering has been successfully under gone practical training from 3rd July to 10th July (7days) Under the supervision of this office for the partial fullfilment of her B-Tech curriculam .


Puthooppallil Builders
Managing Director


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


Puthenveetil T G Abraham memorial building, Office number V111 / 298,
Niranam P.O; Kadapra, Thiruvalla, Kerala. Phone: 0091 9446753802, 8281383888
E-mail: pbniranam@gmail.com, Web: www.pbniranam@gmail.com

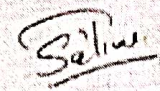

DEPARTMENT OF CIVIL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.

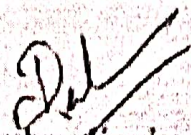



CERTIFICATE

This is to certify that the report entitled "EFFECT OF CONTAMINATED ENGINE OIL ON INDEX PROPERTIES OF SOIL" is the authentic record of project performed by A T Thomaskutty, Anna Aleena Jose, Arjun Babu in partial fulfillment of the requirements for the award of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING OF Mahatma Gandhi University, Kottayam. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.


Salini Theres N Kurian
Asst. professor
(Guide)


Salini Theres N Kurian
Asst. professor
(PG Coordinator)


Reshima Kassin
Associate Professor
(Head of the Department)


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

DEPARTMENT OF CIVIL ENGINEERING
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



CERTIFICATE

This is to certify that the report entitled "STRUCTURAL ANALYSIS AND DESIGN OF A MULTISTOREY BUILDING" is the authentic record of the project performed by ANJANA K BABU, ANJU SAIRA JOHN, CHITHRA O S, GOURI VANDANA V, in partial fulfillment of the requirements for the award of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING of Mahatma Gandhi University, Kottayam. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

Dr. Bindumol T. V

Assoc. Professor

(Guide)

Salini Theres N Kurian

Assist. Professor

(Project Coordinator)

Reshma Kassim

Assoc. Professor

(Head of the Department)

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Pvt. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9282127, Pata, Phone: 0482-2212025, Kanjikuzhy, Phone: 0481-2571361 | Website Link: ksg.keltron.in

24.07.2018

KSG/16/INTP/18-07/L1451

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. PRITTY MARY MATHEW
College Register No.	MLM17CS052
Keltron Register No.	K181611100105
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)

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



Temp No KSG/Type 1/1

Regd: Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel. 0471-4094444

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

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING

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

Keltron Knowledge Centre

KELTRON
I.T. Business Group
CIN: U74999KL19723OC092450

1st Floor, Municipal Shopping Complex, Nagampadam Pvi. Bus Stand (South side), Kottayam-686001, Phone: 0481-2304031
Koduthuruthy, Phone: 0482-9282127 | Pala, Phone: 0482-2212025 | Manjikkuzhy, Phone: 0481-2571361 | Website Link: ksg.keltron.in

24.07.2018

KSG/16/INTP/18-07/L1455

CERTIFICATE

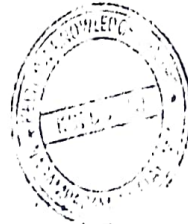
Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. RAKHI R NAIR
College Register No.	MLM17CS053
Keltron Register No.	K18161100109
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex,
Nagampadam, Kottayam-686001



Temp No.KSG/Type 1/2

Regd: Office : Kelltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel: 0471-4094444

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

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING

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

KELTRON
I.T. Business Group
CIN U74999KL1972SGC002450

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Pvt. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9282127 | Pala, Phone: 0482-2212025 | Kanjikkuzhy, Phone: 0481-2571361 | Website Link : ksg.keltron.in

24.07.2018

KSG/16/INTP/18-07/L1463

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. SAJANA SAJI
College Register No.	MLM17CS057
Keltron Register No.	K18161100117
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)



Temp No. KSG/Type 1/2

Regd: Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel: 0471-4094444

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

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR



16/07/2018

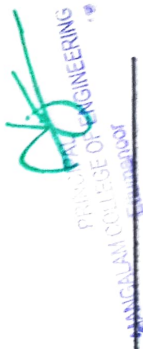
CERTIFICATE

This is to certify that Nithin Thomas, having the university register number : MLM17CS049, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed internship training program in 'Basic Android App Development' at IBAND Technologies, Infopark, Kochi from 25/6/2018 to 13/7/2018.

For IBAND Technologies

A handwritten signature in black ink, appearing to be "Nithin Thomas", is written over the text "For IBAND Technologies".

HR Manager



IBAND Technologies, SEC-1, Thepasya, Infopark, Kakkanad, Kochi - 30
Ph: 0484 - 4015455, Mob: + 91 9495950774 , E mail - info@ibandtech.com, Web: www.ibandtech.com

16/072018

CERTIFICATE

This is to certify that Minza Thazni, having the university register number :
MLMI/CS04, B.Tech Computer Science Engineering student of Mangalam College of
Engineering, Ettimanoor, Kottayam has successfully completed internship training program in
'Basic Android App Development' at iBRAND Technologies, Infopark, Kochi from 25/6/2018 to
13/7/2018.

For iBRAND Technologies


HR Manager




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTAMOOR

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

KELTRON
LTD Business Group
KSEDC LTD. KSEDC LTD.

Keltron Knowledge Centre

15 Fls., Municipal Shopping Complex, Nagampadam (N. End Stand (South side), Kottayam-686 001, Phone: 0471-2571911
Koduthuthy Centre, 2402, 22921271 Pata, Phone: 0482-2212025 (Kanjikuzhy, Phone: 0481-2571911) V. Pala, Phone: 0481-2571911

29.08.2018

KSG/16/INTP/1S-0S/LISS2

CERTIFICATE

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

Name of the Student	Ms. SOJA SAM
Name & Address of the College/Institution at which the Student is Studying	Basellous Thomas I Cathollicose College of Engineering and Technology, Koothattukulam, Kottayam
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B.Tech Computer Science and Engineering
Student's Registration No.	BTE17CS012
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K18161110232
Program Category	INTERNSHIP
Period of the Program	04.07.2018 to 09.07.2018
Area of Expertise	Standalone System Application, Development Life Cycle and Design, Information Retrieval Systems, Internet of Things
Status	COMPLETED SUCCESSFULLY


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



Project Office: Keltron House, Vellayambalam, Thiruvananthapuram 695 033, Tel: 0471-2031444
Visit us at our website: <http://www.keltron.org>

Kerala State Electronics Development Corporation Ltd.

(A Development of Kerala's Industry)

Keltron Knowledge Centre

Head Office: Municipal Shopping Complex, Nagampadam Ext. Bus Stand (South side), Kottayam-686 001. Phone: 0471-2331445
Nadathurthy Centre: 245, 02821271 Data Phone: 0471-23312025 (Kanjikuzhy, Phone: 0471-2331445) www.keltron.org

KELTRON

L.T. Business Group

www.keltron.org

29.08.2018

NSG/16/INTP/18-08/L4882

CERTIFICATE

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

Name of the Student	Ms. SOJA SAM
Name & Address of the College/Institution at which the Student is Studying	Basellous Thomas I Cathollicose College of Engineering and Technology, Koothattukulam, Kottayam
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B.Tech Computer Science and Engineering
Student's Registration No.	BTE17CS012
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816110232
Program Category	INTERNSHIP
Period of the Program	04.07.2018 to 09.07.2018
Area of Expertise	Standalone System Application, Development Life Cycle and Design, Information Retrieval Systems, Internet of Things
Status	COMPLETED SUCCESSFULLY



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



Head Office: Keltron House, Vellayambalam, Thiruvananthapuram 695 030, Tel: 0471-2331445
Visit us at our website: <http://www.keltron.org>

Scanned by CamScanner

Scanned with CamScanner

PRINCIPAL
MANGALAM
ENGINEERING

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

KELTRON
I.T. Business Group
C.I.L. 11A/11B/11C/11D/11E/11F/11G/11H/11I/11J/11K/11L/11M/11N/11O/11P/11Q/11R/11S/11T/11U/11V/11W/11X/11Y/11Z/11AA/11AB/11AC/11AD/11AE/11AF/11AG/11AH/11AI/11AJ/11AK/11AL/11AM/11AN/11AO/11AP/11AQ/11AR/11AS/11AT/11AU/11AV/11AW/11AX/11AY/11AZ/11BA/11BB/11BC/11BD/11BE/11BF/11BG/11BH/11BI/11BJ/11BK/11BL/11BM/11BN/11BO/11BP/11BQ/11BR/11BS/11BT/11BU/11BV/11BW/11BX/11BY/11BZ/11CA/11CB/11CC/11CD/11CE/11CF/11CG/11CH/11CI/11CJ/11CK/11CL/11CM/11CN/11CO/11CP/11CQ/11CR/11CS/11CT/11CU/11CV/11CW/11CX/11CY/11CZ/11DA/11DB/11DC/11DD/11DE/11DF/11DG/11DH/11DI/11DJ/11DK/11DL/11DM/11DN/11DO/11DP/11DQ/11DR/11DS/11DT/11DU/11DV/11DW/11DX/11DY/11DZ/11EA/11EB/11EC/11ED/11EE/11EF/11EG/11EH/11EI/11EJ/11EK/11EL/11EM/11EN/11EO/11EP/11EQ/11ER/11ES/11ET/11EU/11EV/11EW/11EX/11EY/11EZ/11FA/11FB/11FC/11FD/11FE/11FF/11FG/11FH/11FI/11FJ/11FK/11FL/11FM/11FN/11FO/11FP/11FQ/11FR/11FS/11FT/11FU/11FV/11FW/11FX/11FY/11FZ/11GA/11GB/11GC/11GD/11GE/11GF/11GG/11GH/11GI/11GJ/11GK/11GL/11GM/11GN/11GO/11GP/11GQ/11GR/11GS/11GT/11GU/11GV/11GW/11GX/11GY/11GZ/11HA/11HB/11HC/11HD/11HE/11HF/11HG/11HH/11HI/11HJ/11HK/11HL/11HM/11HN/11HO/11HP/11HQ/11HR/11HS/11HT/11HU/11HV/11HW/11HX/11HY/11HZ/11IA/11IB/11IC/11ID/11IE/11IF/11IG/11IH/11II/11IJ/11IK/11IL/11IM/11IN/11IO/11IP/11IQ/11IR/11IS/11IT/11IU/11IV/11IW/11IX/11IY/11IZ/11JA/11JB/11JC/11JD/11JE/11JF/11JG/11JH/11JI/11JJ/11JK/11JL/11JM/11JN/11JO/11JP/11JQ/11JR/11JS/11JT/11JU/11JV/11JW/11JX/11JY/11JZ/11KA/11KB/11KC/11KD/11KE/11KF/11KG/11KH/11KI/11KJ/11KK/11KL/11KM/11KN/11KO/11KP/11KQ/11KR/11KS/11KT/11KU/11KV/11KW/11KX/11KY/11KZ/11LA/11LB/11LC/11LD/11LE/11LF/11LG/11LH/11LI/11LJ/11LK/11LL/11LM/11LN/11LO/11LP/11LQ/11LR/11LS/11LT/11LU/11LV/11LW/11LX/11LY/11LZ/11MA/11MB/11MC/11MD/11ME/11MF/11MG/11MH/11MI/11MJ/11MK/11ML/11MN/11MO/11MP/11MQ/11MR/11MS/11MT/11MU/11MV/11MW/11MX/11MY/11MZ/11NA/11NB/11NC/11ND/11NE/11NF/11NG/11NH/11NI/11NJ/11NK/11NL/11NM/11NO/11NP/11NQ/11NR/11NS/11NT/11NU/11NV/11NW/11NX/11NY/11NZ/11OA/11OB/11OC/11OD/11OE/11OF/11OG/11OH/11OI/11OJ/11OK/11OL/11OM/11ON/11OO/11OP/11OQ/11OR/11OS/11OT/11OU/11OV/11OW/11OX/11OY/11OZ/11PA/11PB/11PC/11PD/11PE/11PF/11PG/11PH/11PI/11PJ/11PK/11PL/11PM/11PN/11PO/11PP/11PQ/11PR/11PS/11PT/11PU/11PV/11PW/11PX/11PY/11PZ/11QA/11QB/11QC/11QD/11QE/11QF/11QG/11QH/11QI/11QJ/11QK/11QL/11QM/11QN/11QO/11QP/11QQ/11QR/11QS/11QT/11QU/11QV/11QW/11QX/11QY/11QZ/11RA/11RB/11RC/11RD/11RE/11RF/11RG/11RH/11RI/11RJ/11RK/11RL/11RM/11RN/11RO/11RP/11RQ/11RR/11RS/11RT/11RU/11RV/11RW/11RX/11RY/11RZ/11SA/11SB/11SC/11SD/11SE/11SF/11SG/11SH/11SI/11SJ/11SK/11SL/11SM/11SN/11SO/11SP/11SQ/11SR/11SS/11ST/11SU/11SV/11SW/11SX/11SY/11SZ/11TA/11TB/11TC/11TD/11TE/11TF/11TG/11TH/11TI/11TJ/11TK/11TL/11TM/11TN/11TO/11TP/11TQ/11TR/11TS/11TT/11TU/11TV/11TW/11TX/11TY/11TZ/11UA/11UB/11UC/11UD/11UE/11UF/11UG/11UH/11UI/11UJ/11UK/11UL/11UM/11UN/11UO/11UP/11UQ/11UR/11US/11UT/11UU/11UV/11UW/11UX/11UY/11UZ/11VA/11VB/11VC/11VD/11VE/11VF/11VG/11VH/11VI/11VJ/11VK/11VL/11VM/11VN/11VO/11VP/11VQ/11VR/11VS/11VT/11VU/11VV/11VW/11VX/11VY/11VZ/11WA/11WB/11WC/11WD/11WE/11WF/11WG/11WH/11WI/11WJ/11WK/11WL/11WM/11WN/11WO/11WP/11WQ/11WR/11WS/11WT/11WU/11WV/11WW/11WX/11WY/11WZ/11XA/11XB/11XC/11XD/11XE/11XF/11XG/11XH/11XI/11XJ/11XK/11XL/11XM/11XN/11XO/11XP/11XQ/11XR/11XS/11XT/11XU/11XV/11XW/11XX/11XY/11XZ/11YA/11YB/11YC/11YD/11YE/11YF/11YG/11YH/11YI/11YJ/11YK/11YL/11YM/11YN/11YO/11YP/11YQ/11YR/11YS/11YT/11YU/11YV/11YW/11YX/11YY/11YZ/11ZA/11ZB/11ZC/11ZD/11ZE/11ZF/11ZG/11ZH/11ZI/11ZJ/11ZK/11ZL/11ZM/11ZN/11ZO/11ZP/11ZQ/11ZR/11ZS/11ZT/11ZU/11ZV/11ZW/11ZX/11ZY/11ZZ

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam P.O. (South side), Kottayam-686001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9282127 || Pala, Phone: 0482-2212025 || Kaniyapuram, Phone: 0481-2571361 || Website Link: www.keltron.org

24.07.2018

KSG/16/INTP/18-07/L1461

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:


Name of the Student	Ms. KRIPA RACHEL THOMAS
College Register No.	MLM17CS039
Keltron Register No.	K18161100115
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686001



Temp No KSG/Type-1/7


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

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

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

KELTRON
I.T. Business Group
CIN: U74999KL197256002490

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Post Bus Stand (South side), Kottayam-686001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9282127 | Pala, Phone: 0482-2212025 | Kanjikkuzhy, Phone: 0481-2571361 | Website Link: www.keltron.in

24.07.2018

KSG/16/INTP/18-07/L1450

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. MELVIN K MATHEW
College Register No.	MLM17CS040
Keltron Register No.	K18161100104
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686001





Temp No KSG/Type 1/2

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

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

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

KELTRON
I.T. Business Group
CIN: U74999KL1972GG000490

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Pvt. Bus Stand (South side), Kottayam 686 001, Phone: 0481-2304031
Kaduthunthi, Phone: 0482-9282127 | Pala, Phone: 0482-2212025 | Kanjikuzhy, Phone: 0481-2571361 | Website Link: ksg.keltron.in

24.07.2018

KSG/16/INTP/18-07/L1459

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. MIDHUN PRASAD
College Register No.	MLM17CS042
Keltron Register No.	K181611100113
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)

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



Temp No: KSG/16/INTP/18-07/L1459
Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel. 0471-4094444
Visit us at our website : <http://www.keltron.org>

Kerala State Electronics Development Corporation Ltd.

(A Government of Kerala Undertaking)

KELTRON
I.T. Business Group

CH. UNNIPPAI VILAYILKUNNAM

Keltron Knowledge Centre

1st Floor, Managaj Shopping Complex, Nagampadam, P.V. Ilum Street (South side), Kollayam 695-001, Phone: 0481 2314071
Kaduthuray, Phone: 0481 9281277 Palla Phone: 0810 2310293 Kappilwady, Phone: 0481 2311561 (Vidyalaya Line) Kyzhikkulam In

KSG/16/INTP/18-07/11467

74.07.2018

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. MOTTY SABU
College Register No.	MLM17CS045
Keltron Register No.	K18161100121
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam - 686631
University	A.P.J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY

Authorized Signatory
(Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kollayam-696 001



TEMP NO PCL/IN-117
KELTRON KNOWLEDGE CENTRE
NAGAMPADAM
KOLLAYAM
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LTD.

Regd. Office : Keltron House, Velayambalam, Thiruvananthapuram-695 033. Tel: 0471-4309444
Visit us at our website : <http://www.keltron.org>

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

Keltron Knowledge Centre

KELTRON[®]
I.T. Business Group
CIN: U74999KL19725GC002450

1st Floor, Municipal Shopping Complex, Nagampadam Pvt. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy, Phone 0482-9282127 | Pala, Phone 0482-2212025 | Kanjikuzhy, Phone 0481-2571361 | Website Link : ksg.keltron.in

24.07.2018

KSG/16/INTP/18-07/L1447

CERTIFICATE

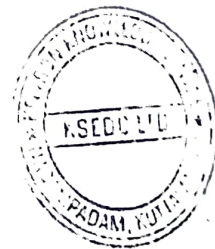
Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. NEETHUMOL K J
College Register No.	MLM17CS047
Keltron Register No.	K18161100101
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java&XML,Android,SDK,API & Database Management
Status of Program	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)

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



Temp No KSG/Type 1/2
Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel: 0471-4094444

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

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

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

KELTRON
I.T. Business Group
CIN U74999KL1972GC002450

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam P.M. Bus Stand (South side), Kottayam 686 001, Phone: 0481-2304031
Kaduthuruthy, Phone 0482-9282127 | Pala, Phone 0482-2212025 | Kanjikuzhy, Phone 0481-2571361 | Website Link : ksg.keltron.in

24.07.2018

KSG/16/INTP/18-07/L1460

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. POORNA SUDHAKARAN
College Register No.	MLM17CS050
Keltron Register No.	K1816I1100114
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)

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



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

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

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

KELTRON
I.T. Business Group
CIN U71999KL1972SGC002450

Keltron Knowledge Centre

Floor, Municipal Shopping Complex, Nagampadam Pvl Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kothuthuruthy, Phone: 0482-9282127 | Pala, Phone: 0482-2212025 | Kanjikuzhy, Phone: 0481-2571361 | Website Link ksg keltron in

29.08.2018

KSG/16/INTP/18-08/L4897

CERTIFICATE

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

Name of the Student	Ms. ALKA MARIA JOHNSON
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B. Tech Computer Science and Engineering
Student's Registration No.	MLM17CS005
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816110247
Program Category	INTERNSHIP
Period of the Program	04.07.2018 to 09.07.2018
Area of Expertise	Standalone System Application, Development Life Cycle and Design, Information Retrieval Systems, Internet of Things
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-695 033, Tel: 0471-4094444

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

Scanned with CamScanner



IBAND
Technologies

16/07/2018

CERTIFICATE

This is to certify that Akshaya P, having the university register number : MLM17CS004, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed internship training program in 'Basic Android App Development' at IBAND Technologies, Infopark, Kochi from 25/6/2018 to 13/7/2018.

For IBAND Technologies

HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



iBAND
Technologies

16/07/2018

CERTIFICATE

This is to certify that Sini M Varghese, having the university register number : MLM17CS062, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed internship training program in 'Basic Android App Development' at IBAND Technologies, Infopark, Kochi from 25/6/2018 to 13/7/2018.

For IBAND Technologies

HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

iBAND Technologies, SBC-1, Thapasya, Infopark, Kakkanad, Kochi -30
Ph: 0484 - 4015455, Mob: +91 9495950774 , E-mail - info@ibandtech.com, Web: www.ibandtech.com

Scanned with CamScanner



IBAND
Technologies

16/07/2018

CERTIFICATE

This is to certify that Vignesh K C, having the university register number :
MLM17CS074, B.Tech Computer Science Engineering student of Mangalam College of
Engineering, Ettumanoor, Kottayam has successfully completed internship training program in
'Basic Android App Development' at IBAND Technologies, Infopark, Kochi from 25/6/2018 to
13/7/2018.

For IBAND Technologies

HR Manager



(Handwritten signature in green ink)

IBAND Technologies, SBC-1, Thejasya, Infopark, Kakkanad, Kochi -30

Ph: 0484 - 4015455, Mob: +91 9495950774, E-mail: info@ibandtech.com, Web: www.ibandtech.com

IBAND

IBAND
POLYTECHNIC ENGINEERING



16/07/2018


CERTIFICATE

This is to certify that Vishnu Vinod, having the university register number : MLM17CS076, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed internship training program in 'Basic Android App Development' at IBAND Technologies, Infopark, Kochi from 25/6/2018 to 13/7/2018.

For IBAND Technologies



HR Manager



MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



16/07/2018

CERTIFICATE

This is to certify that Vaishnu Vinod, having the university register number : MLM17CS072, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed internship training program in 'Basic Android App Development' at IBAND Technologies, Infopark, Kochi from 25/6/2018 to 13/7/2018.

For IBAND Technologies



HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



iBAND
Technologies

16/07/2018

CERTIFICATE

This is to certify that Susanna Sajan, having the university register number : MLM17CS069, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed internship training program in 'Basic Android App Development' at IBAND Technologies, Infopark, Kochi from 25/6/2018 to 13/7/2018.

For IBAND Technologies

HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

iBAND Technologies, SBC-1, Thapasya, Infopark, Kakkanad, Kochi -30
Ph: 0484 - 4015455, Mob: +91 9495950774 , E-mail - info@ibandtech.com, Web: www.ibandtech.com

Scanned with CamScanner



iBAND
Technologies

16/07/2018

CERTIFICATE

This is to certify that Sreelekshmi S, having the university register number : MLM17CS066, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed internship training program in 'Basic Android App Development' at IBAND Technologies, Infopark, Kochi from 25/6/2018 to 13/7/2018.

For IBAND Technologies

HR Manager



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

IBAND Technologies, SBC-1, Thapasya, Infopark, Kakkanad, Kochi -30
Ph: 0484 - 4015455, Mob: +91 9495950774 , E-mail - info@ibandtech.com, Web: www.ibandtech.com

Scanned with CamScanner



16/07/2018

CERTIFICATE

This is to certify that Sreelakshmi K U, having the university register number :
MLM17CS065, B.Tech Computer Science Engineering student of Mangalam College of
Engineering, Ettimanoor, Kottayam has successfully completed internship training program in
'Basic Android App Development' at IBAND Technologies, Infopark, Kochi from 25/6/2018 to
13/7/2018.

For IBAND Technologies

HR Manager



MANGALAM
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ETTIMANOOR

IBAND Technologies, SFC-1, Thiyyaerya, Infopark, Kakkanad, Kochi - 30
Ph: 0484 - 4013455, Mob: + 91 9495950774, E-mail - info@ibandtech.com, Web: www.ibandtech.com

Scanned with CamScanner



iBAND
Technologies

16/07/2018

CERTIFICATE

This is to certify that Roshan M Thomas, having the university register number : MLM17CS056, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed internship training program in 'Basic Android App Development' at IBAND Technologies, Infopark, Kochi from 25/6/2018 to 13/7/2018.

For IBAND Technologies

HR Manager





iBAND
Technologies

16/07/2018

CERTIFICATE

This is to certify that Roshan Jo, having the university register number : MLM17CS055, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed internship training program in 'Basic Android App Development' at IBAND Technologies, Infopark, Kochi from 25/6/2018 to 13/7/2018.

For IBAND Technologies

HR Manager





16/07/2018

CERTIFICATE

This is to certify that Rohan Justin, having the university register number : MLM17CS054, B.Tech Computer Science Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed internship training program in 'Basic Android App Development' at IBAND Technologies, Infopark, Kochi from 25/6/2018 to 13/7/2018.

For IBAND Technologies


HR Manager



iBAND Technologies, SBC-1, Thapasya, Infopark, Kakkanad, Kochi -30
Ph: 0484 - 4015455, Mob: +91 9495950774 . E-mail - info@ibandtech.com, Web: www.ibandtech.com

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING



16/072018

CERTIFICATE

This is to certify that Preethi Peraman Nair, having the university register number :
MM17CS051, B.Tech Computer Science Engineering student of Mangalam College of
Engineering, Ettumanoor, Kottayam has successfully completed internship training program in
'Basic Android App Development' at IBAND Technologies, Intopark, Kochi from 25/6/2018 to
13/7/2018.

For IBAND Technologies

HR Manager



IBAND Technologies, SBC-1, Thygesya, Intopark, Kakanaadi, Kochi - 30
Ph: 0484 - 4015455, Mob: +91 9495950774, E-mail - info@bandtech.com, Web: www.bandtech.com

Scanned with CamScanner

PRINCIPAL, ENGINEERING COLLEGE, BAND

KSG/16/NITP/18-07/1454

24.07.2018

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. SHAALRIN EMERSON
College Register No.	MLM17CS058
Keltron Register No.	K181611100108
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam - 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)



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

Temp No KSG/Type U/2

Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel: 0471-4094444

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

36
Kerala State Electronics Development Corporation Ltd.
(A Government of Kerala Undertaking)

KELTRON
I.T. Business Group
KELTRON KNOWLEDGE CENTRE

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam PVT (Bus Stand (South side), Kottayam 686 001, Phone 0481-2344031)
Kaduthuruthy, Phone 0482 9282127 | Pala, Phone 0482 2212025 | Kanjikkuzhy, Phone 0481-2511361 | Website Link: www.keltron.in

KSG/16/INTP/18-07/L1469

24.07.2018

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:


Name of the Student	Ms. SHIHANA MOL B
College Register No.	MLM17CS060
Keltron Register No.	K181611100123
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	.02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)

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



Temp No KSG/Type 1/2
Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram 695 033, Tel 0471 4094444
Visit us at our website : <http://www.keltron.org>


MANGALAM COLLEGE OF ENGINEERING
Ettumanoor
Scanned with CamScanner

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

KELTRON
I.T. Business Group
CIN: U74999KL1972305002450

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Pvt. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Koduthuruthy, Phone: 0482-9282127 || Pala, Phone: 0482-2212025 || Kanjikkuzhy, Phone: 0481-2571361 || Website Link: www.keltron.in

24.07.2018

KSG/16/INTP/18-07/L1466

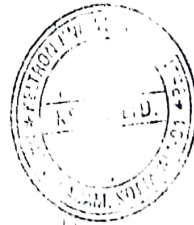
CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. SREEDEVI DEVARAJ
College Register No.	MLM17CS064
Keltron Register No.	K181611100120
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam - 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)

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



Temp No: KSG/Type 1/2

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



MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

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

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam P.O. Bus Stand (South side), Kottayam 686 001, Phone 0481 234631
Kottayam, Phone 0481 6881271/PA, Phone 0481 221202/Kottayam, Phone 0481 221611/Thiruvananthapuram, Phone 0477 222770/6.

KEKELTRON

IT Business Group

KSG/16/INTT/18-07/11456

24/07 2018

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. SURYA BABU
College Register No.	MLM17CS067
Keltron Register No.	K18161100110
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)



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

Items No 8167 for U2

Regd. Office : Keltron House, Velayambalam, Thiruvananthipuram-695 033, Tel: 0471-4034444

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

PRINCIPAL

A.P.J. COLLEGE OF ENGINEERING

Scanned with CamScanner

Kerala State Electronics Development Corporation Ltd.

(A Government of Kerala Undertaking)

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam P.O., Durgam Cheruvu (North Side), Vengaloor-686 033, Kerala
Kaduthuruthy Phone: 0482-2821271/1462 Fax: 0482-2821272/1462
Kaduthuruthy Branch: 0482-2821273/1462 Fax: 0482-2821274/1462
Kottayam Branch: 0482-2821275/1462 Fax: 0482-2821276/1462

KSG/16/INTP/18-07/L1462

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. SURYA R
College Register No.	MLM17CS062
Keltron Register No.	K12161100116
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY

Authorized Signatory
(Knowledge Services)

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



Form No KSG/16-17

Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033. Tel. 0471-4094444

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

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

KELTRON
I.T. Business Group
CIN: U24299KL197250002450

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam (V) Bus Stand (South side), Kottayam 686 001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9282127 | Pala, Phone: 0482-2212025 | Kanjikuzhy, Phone: 0481-2571361 | Website Link: ksg.keltron.in

24.07.2018

KSG/16/INTP/18-07/L1452

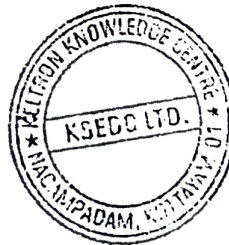
CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. ANNA BENNY
College Register No.	MLM17CS011
Keltron Register No.	K18161100106
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY

Authorized Signatory
(Knowledge Services)

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



Temp.No.KSG/Type 1/2

Regd: Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel: 0471-4094444

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

Scanned with CamScanner
FRINCH
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

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

KELTRON
I.T. Business Group
CIN: U74999KL19725GC002450

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam I/M Bus Stand (South side) Kottayam-686 001. Phone: 0481-2304031
Kodithuruthy Phone: 0482-92821271 Pala Phone: 0482-22120751 Kanjikuzhy Phone: 0481-25712611 Website Link: ksg.keltron.in

KSG/16/INTP/18-07/LOS99

17.07.2018

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. ANJANA PRADEEP
College Register No.	MLM17CS010
Keltron Register No.	K18161100161
Branch/Discipline	B.Tech Computer Science
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam, Pin: 686631
University	A P J AbduEDI Kalam Technological University (KTU)
Period of Program	28.06.18 to 02.07.18
Program Category	INTERNSHIP
Program Done at	Keltron Knowledge Centre, Nagampadam, Kottayam
Area of Expertise	Standalone System Application, Development Life Cycle and Design, Information Retrieval Systems
Status of Program	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)

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



Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel: 0471-4094444

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

Temp.No.KSG/Type 1/2

MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

Scanned with CamScanner

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

KELTRON
I.T. Business Group
CIN U74999KL19723GC002450

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Pvt. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kadathuruthy. Phone: 0482-9282127 || Pala. Phone: 0482-2212025 || Kanjikkuzhy. Phone: 0481-2571301 || Website Link : ksg keltron.in

29.08.2018

KSG/16/INTP/18-08/L4900

CERTIFICATE

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

Name of the Student	Ms. ANITT SUNNY
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B. Tech Computer Science and Engineering
Student's Registration No.	MLM17CS009
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816I110250
Program Category	INTERNSHIP
Period of the Program	04.07.2018 to 09.07.2018
Area of Expertise	Standalone System Application, Development Life Cycle and Design, Information Retrieval Systems, Internet of Things
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

Scanned with CamScanner

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

KELTRON
I.T. Business Group
CIN: U74999KL1972SGC002450

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadom PVT Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9282127 || Pala, Phone: 0482-2212025 || Kanjikuzhy, Phone: 0481-2571361 || Website Link : ksg.keltron.in

KSG/16/INTP/18-07/L1473

24.07.2018

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ANANDU B NAIR
College Register No.	MLM17CS006
Keltron Register No.	K1816I1100127
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadom, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)

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



Temp. No. KSG/INTP/172
Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel: 0471-4094444
Visit us at our website : <http://www.keltron.org>

MANGALAM COLLEGE OF ENGINEERING
TECHNOLOGY



iROID Technologies
#35/1892, 2nd Floor,
Trust Building, Kayyath Lane,
Palairavattom, Cochin - 25

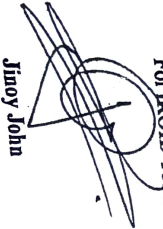
iRT/2018/0219

Date - 06/07/2018

To Whomsoever It May Concern

This is to certify that Mr. Arandu Prasad 1st Year Computer Science Engineering student of Mangalam College Of Engineering has successfully completed his academic internship in Android in our organization as a part of academic requirement during the period of 10 days. During his tenure with us, we found him to be diligent and hard working and we wish him all the best in his future endeavors.

For iROID Technologies



Jinoy John

Managing Partner



IRT/2018/0220

Date - 06/07/2018

To Whomsoever It May Concern

This is to certify that Mr. Aravind Aji 1st Year Computer Science Engineering student of Mangalam College Of Engineering has successfully completed his academic internship in Android in our organization as a part of academic requirement during the period of 10 days.

During his tenure with us, we found him to be diligent and hard working and we wish him all the best in his future endeavors.

For iROID Technologies



Jinoy John

Managing Partner



MANGALAM COLLEGE OF ENGINEERING
Stamandor

iRT/2018/0225

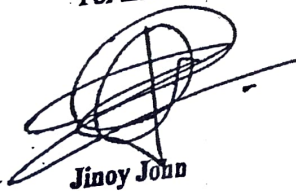
Date - 06/07/2018

To Whomsoever It May Concern

This is to certify that Ms. Ann Mary Francis 1st Year Computer Science Engineering student of Mangalam College Of Engineering has successfully completed her academic internship in Android in our organization as a part of academic requirement during the period of 10 days.

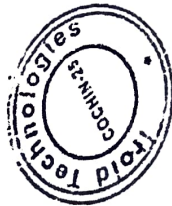
During her tenure with us, we found her to be diligent and hard working and we wish her all the best in her future endeavors.

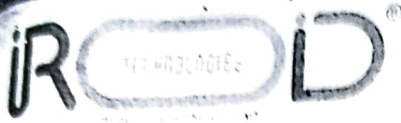
For iROID Technologies



Jinoy John

Managing Partner





iROID Technologies
#35/1892, 2nd Floor,
Trust Building, Kayyath Lane,
Palarivattom, Cochin - 25

iRT/2018/0221

Date - 06/07/2018

To Whomsoever It May Concern

This is to certify that Mr. Ashik Kishor 1st Year Computer Science Engineering student of Mangalam College Of Engineering has successfully completed his academic internship in Android in our organization as a part of academic requirement during the period of 10 days.

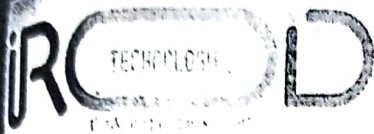
During his tenure with us, we found him to be diligent and hard working and we wish him all the best in his future endeavors.

For iROID Technologies

Jinoy John

Managing Partner

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



iROID Technologies
#35/1892, 2nd Floor,
Trust Building, Kayyath Lane,
Palarivattom, Cochin - 25

iRT/2018/0226

Date - 06/07/2018

To Whomsoever It May Concern

This is to certify that Mr. Dani K Baby 1st Year Computer Science Engineering student of Mangalam College Of Engineering has successfully completed his academic internship in Android in our organization as a part of academic requirement during the period of 10 days.

During his tenure with us, we found him to be diligent and hard working and we wish him all the best in his future endeavors.

For iROID Technologies

Jinoy John

Managing Partner



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Erumbanoor

+91 484 40 41114

info@iroidtechnologies.com

www.iroidtechnologies.com

iRT/2018/0222

Date - 06/07/2018

To Whomsoever It May Concern

This is to certify that Mr. Job Shibu 1st Year Computer Science Engineering student of Mangalam College Of Engineering has successfully completed his academic internship in Android in our organization as a part of academic requirement during the period of 10 days.

During his tenure with us, we found him to be diligent and hard working and we wish him all the best in his future endeavors.

For iROID Technologies



Jinoy John

Managing Partner

iRT/2018/0218

Date - 06/07/2018

To Whomsoever It May Concern

This is to certify that Mr. Adithya Sajikumar 1st Year Computer Science Engineering student of Mangalam College Of Engineering has successfully completed his academic internship in Android in our organization as a part of academic requirement during the period of 10 days.

During his tenure with us, we found him to be diligent and hard working and we wish him all the best in his future endeavors.

For iROID Technologies



Jinoy John

Managing Partner



iRT/2018/0224

Date - 06/07/2018

To Whomsoever It May Concern

This is to certify that Ms. Karen Sherry Chandy 1st Year Computer Science Engineering student of Mangalam College of Engineering has successfully completed her academic internship in Android in our organization as a part of academic requirement during the period of 10 days.

During her tenure with us, we found her to be diligent and hard working and we wish her all the best in her future endeavors.

For iROID Technologies



Jinoy John

Managing Partner





ESPY LABS

4th Floor, Jagan Building, Chemburakkal, Kakkanad
Cochin, Kerala - 682021, Reg.No:2644/2018


Certificate

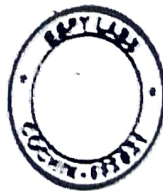
This is to certify that Mr. Galus S Samuel s/o Mr. Siju Samuel, a 1st year student of B Tech Computer Science (KTU university), has successfully completed 1 week (from 2nd July to 7th July 2018) internship programme at this company. During the period of his internship programme with us, he was found punctual, hardworking and inquisitive.

We wish him all the best for his future endeavours.

Warm Regards,

Emakulam
07.07.2018


Jisny khader
(Project manager)




ESPY LABS, 4th Floor, Jagan Building, Chemburakkal, Kakkanad, Cochin, Kerala - 682021, Reg.No:2644/2018
Email : info@espylabs.com, Website : www.espylabs.com, Phone: +919747621065, +918068941166

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



Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam P.V. Bus Stand (South side), Kollayam 686 001, Phone: 0481 2304031
Kaduthuruthy, Phone: 0482 9282127 | Pala, Phone: 0482 2212025 | Kanjikkuzhy, Phone: 0481 2571364 | Website Link: ksg.keltron.in

23.07.2018

KSG/16/INTP/18-07/11394


CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. T S SHABANAM
College Register No.	MLM17CS071
Keltron Register No.	K1816110100
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam - 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.2018 to 04.07.18
Program Done at	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management.
Status of Program	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)

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


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

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

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

KELTRON
I.T. Business Group
CIN U74999KL1972CS000000

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Pvt Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy Phone: 0482-9282127 || Pala, Phone: 0482-2212025 || Kanjikkuzhy, Phone: 0481-2571351 || Website Link: www.keltron.in

24.07.2018

KSG/16/INTP/18-07/L1458

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. VARUN GOPINATH
College Register No.	MLM17CS073
Keltron Register No.	K18161100112
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	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-695 033. Tel: 0471-601414
Visit us at our website : <http://www.keltron.org>


MANGALAM COLLEGE
Temp No: KSG/16/INTP/18-07/L1458

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

KELTRON
I.T. Business Group

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Pvt Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9282127 || Pala, Phone: 0482-2212025 || Kanjikkuzhy, Phone: 0481-2571361 || Website Link: www.keltron.in

KSG/16/INTP/18-07/L1457

24.07.2018

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. VIVEK M K
College Register No.	MLM17CS077
Keltron Register No.	K181611100111
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	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-695 033, Tel: 0471-409444

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

Temp No KSG/Type 122

MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

KSG/G210/INTP/18 (11)/16689

14.09.2018

CERTIFICATE

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

Name of the Student	Ms. VIDYA E S
Name & Address of the College/Institution at which the Student is Studying	Baselios Thomas I Catholicse College of Engineering and Technology, Syrian Park, Arjunpally, Kozhathalalam Ernakulam, Kerala - 686662
University/board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch / Discipline of Study	B.Tech Computer Science and Engineering
Student's Registration No.	BTE17CS014
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron REC (G210), Hmt Jn., Kalamassey, Ernakulam
Online Portal Registration No.	Not Applicable
Roll No / Register No	K18G21011100664
Program Category	INTERNSHIP
Period of the Program	25.07.2018 to 31.07.2018
Area of Expertise	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics
Status	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)



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

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

Doc. No: KSG/INTP/18/226(1500)


Scanned by CamScanner
MANGALAM ENGINEERING

Scanned with CamScanner

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

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam (N. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2301041
Kaduthuruthy Phone: 0482-9292127/Pala Phone: 0102-2212025 (Coaj)Kuzhy, Phone: 0481-25713415/Website Link: <http://www.keltron.org>

KELTRON
I.T. Business Group
ESTD 1979


29.08.2018

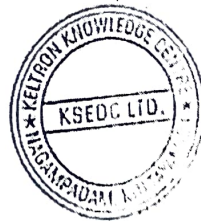
KSG/16/INTP/1S-08/L4882

CERTIFICATE

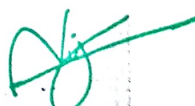
Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. SOJA SAM
Name & Address of the College/Institution at which the Student is Studying	Basellous Thomas I Catholicose College of Engineering and Technology, Koothattukulam, Kottayam
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B.Tech Computer Science and Engineering
Student's Registration No.	BTE17CS012
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816I10232
Program Category	INTERNSHIP
Period of the Program	04.07.2018 to 09.07.2018
Area of Expertise	Standalone System Application, Development Life Cycle and Design, Information Retrieval Systems, Internet of Things
Status	COMPLETED SUCCESSFULLY


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



Regional Office: Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel: 0471-4091444
Visit us at our website: <http://www.keltron.org>


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Est. 1984-8007

Scanned by CamScanner

Scanned with CamScanner

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

KELTRON
I.T. Business Group
CIN: U72901KL1972PL0002450

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Pvt. Bus Stand (South side), Kottayam 686 001. Phone: 0481-2304931
Kaduthuruthy. Phone: 0482-0282127 | Pala. Phone: 0482-2212025 | Kanjikuzhy. Phone: 0481-2571361 | Website Link: www.keltron.in

30.07.2018

KSG/16/INTP/18-07/L1955

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. AARCHAMOLA V
College Register No.	MLM17CS001
Keltron Register No.	K18161100160
Branch/Discipline	B.Tech Computer Science and Engineering
Year/Semester	01 ST Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam - 686631
University	A P J AbduEDI Kalam Technological University (KTU)
Period of Program	28.06.2018 to 02.07.2018
Program Category	INTERNSHIP
Program Done at	Keltron Knowledge Centre, Nagampadam, Kottayam
Area of Expertise	Standalone System Application, Development Life Cycle and Design, Information Retrieval Systems
Status of Program	COMPLETED SUCCESSFULLY


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



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

Regd: Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel: 0471-4094444

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

Principal
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

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

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Pvt. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9282127 || Pala, Phone: 0102-2212025 || Kariyiluzhy, Phone: 0481-2571361 || Website Link : ksg.keltron.in

KELTRON
I.T. Business Group
CIN: U74909KL1972SGC002450

29.08.2018

KSG/16/INTP/18-08/L4887

CERTIFICATE

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

Name of the Student	Ms. KAVYAMOL JAMES
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B. Tech Computer Science and Engineering
Student's Registration No.	MLM17CS038
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816110237
Program Category	INTERNSHIP
Period of the Program	04.07.2018 to 09.07.2018
Area of Expertise	Standalone System Application, Development Life Cycle and Design, Information Retrieval Systems, Internet of Things
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-695 033, Tel: 0471-4094444
Visit us at our website : <http://www.keltron.org>

Temp.No: KSG/INTP/Type-12/27.07.2018
MANGALAM COLLEGE OF ENGINEERING
Kottayam

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

KELTRON
I.T. Business Group
CIN: U74999KL19729OC02420

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam P.V. Bus Stand (South side), Kottayam-686001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9282127 || Pala, Phone: 0482-2212029 || Kanjikuzhy, Phone: 0481-2571361 || Website Link : ksg.keltron.in

KSG/16/INTP/18-07/L1472

24.07.2018

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. JUBIN JAYABOY
College Register No.	MLM17CS035
Keltron Register No.	K1816I1100126
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686001



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

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

KELTRON
I.T. Business Group
CIN: U74999KL19725GC022450

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Pvt. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy, Phone 0482-9282127 || Pala, Phone 0482-2212025 || Kanjikuzhy, Phone 0481-2571361 || Website Link : ksg.keltron.in

KSG/16/INTP/18-08/L4885

29.08.2018

CERTIFICATE

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

Name of the Student	Ms. JINCY MARIYAMMA SHAJI
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B. Tech Computer Science and Engineering
Student's Registration No.	MLM17CS028
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K18161110235
Program Category	INTERNSHIP
Period of the Program	04.07.2018 to 09.07.2018
Area of Expertise	Standalone System Application, Development Life Cycle and Design, Information Retrieval Systems, Internet of Things
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)

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




PRINTED AT
MANGALAM COLLEGE OF ENGINEERING
ETTUMANOOR

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

Keltron Knowledge Centre

F Floor, Municipal Shopping Complex, Nagampadam Pvt. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9282127 | Pala, Phone: 0482-2212025 | Kanjikuzhy, Phone: 0481-2571361 | Website Link : ksg.keltron.in



29.08.2018

CERTIFICATE

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

Name of the Student	Ms. JEZINA SHAHUL HAMEED
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B. Tech Computer Science and Engineering
Student's Registration No.	MLM17CS027
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816I110236
Program Category	INTERNSHIP
Period of the Program	04.07.2018 to 09.07.2018
Area of Expertise	Standalone System Application, Development Life Cycle and Design, Information Retrieval Systems, Internet of Things
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-695 033, Tel: 0471-209444
Visit us at our website : <http://www.keltron.org>

MANGALAM COLLEGE OF ENGINEERING
Ettumanoor
Kottayam

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

Keltron Knowledge Centre

KELTRON
I.T. Business Group
CIN U74999KL19125GCC002450

1st Floor, Municipal Shopping Complex, Nagampadam P.V. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kadathuruthy, Phone: 0482-9282127 | Pala, Phone: 0482-2212025 | Kanjikuzhy, Phone: 0481-2571361 | Website Link : ksg.keltron.in

KSG/16/INTP/18-07/L1468

24.07.2018

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. JATHIN JAYAKUMAR
College Register No.	MLM17CS026
Keltron Register No.	K1816I1100122
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)

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



Temp.No.KSG/Type 1/2

Scanned with CamScanner

MANGALAM COLLEGE OF ENGINEERING
ETSUMANOOR
KOTTAYAM

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

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Pvt. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy Phone 0482-9282127 Pala Phone 0482-2212025 Kanjikuzhy Phone 0481-2571361 | Website Link: ksg.keltron.in

KELTRON
I.T. Business Group
CIN: U71999KL1972SG002450

KSG/16/INTP/18-08/L4898

29.08.20

CERTIFICATE

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

Name of the Student	Ms. GOPIKA N
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B. Tech Computer Science and Engineering
Student's Registration No.	MLM17CS025
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816110248
Program Category	INTERNSHIP
Period of the Program	04.07.2018 to 09.07.2018
Area of Expertise	Standalone System Application, Development Life Cycle at Design, Information Retrieval Systems, Internet of Things
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-695 033, Tel: 0471-4094444

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

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

KELTRON
I.T. Business Group
CIN: U74999KL1972SGC002450

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam P.V. Durg Sland (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9202127 || Pala, Phone: 0482-2212025 || Kanjikuzhy, Phone: 0481-2571361 || Website Link : ksg.keltron.in

KSG/16/INTP/18-07/L1474

24.07.2018

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. CHRISTY B THOMAS
College Register No.	MLM17CS022
Keltron Register No.	K18161100128
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre, Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	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-695 033, Tel: 0471-4094444
Visit us at our website : <http://www.keltron.org>

Pala State Electronics Development Corporation Ltd.
Government of Kerala Undertaking)

KELTRON
I.T. Business Group
CIN: U74999KL197230007474

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam P.V. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kothuruthy, Phone: 0482-9282127 | Pala, Phone: 0482-2212025 | Kanjikkuzhy, Phone: 0481-2571361 | Website Link: www.keltron.in

KSG/16/INTP/18-08/L4884

29.08.2018

CERTIFICATE

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

Name of the Student	Ms. BRINCY KURIAKOSE
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B. Tech Computer Science and Engineering
Student's Registration No.	MLM17CS021
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816110234
Program Category	INTERNSHIP
Period of the Program	04.07.2018 to 09.07.2018
Area of Expertise	Standalone System Application, Development Life Cycle and Design, Information Retrieval Systems, Internet of Things
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-695 033, Tel: 0474-4094444
Visit us at our website : <http://www.keltron.org>

Scanned with CamScanner

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

KELTRON
I.T. Business Group
CIN U74999KL197250C002450

Keltron Knowledge Centre

Keltron House, Municipal Shopping Complex, Nagampadam P.V. Bus Stand (South side), Kottayam-686001, Phone: 0481-2304031
Kottayam, Phone: 0482-9282127 | Pala, Phone: 0482-2212025 | Kanjikkuzhy, Phone: 0481-2571361 | Website Link: www.keltron.in

KSG/16/INTP/18-08/L4899

29.08.2018

CERTIFICATE

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

Name of the Student	Ms. ASWATHY M N
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B. Tech Computer Science and Engineering
Student's Registration No.	MLM17CS019
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K18161110249
Program Category	INTERNSHIP
Period of the Program	04.07.2018 to 09.07.2018
Area of Expertise	Standalone System Application, Development Life Cycle and Design, Information Retrieval Systems, Internet of Things
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-686001



Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel: 0471-4094114, Int: 417/Type-1/2-27.07.2018
Visit us at our website : <http://www.keltron.org>

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

KELTRON
I.T. Business Group
CIN U74999KL1972SGC002450

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam P.V. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9282127; Pala, Phone: 0482-2212025; Kanjikkuzhy, Phone: 0481-2571361 || Website Link : ksg.keltron.in

KSG/16/INTP/18-07/L1465

24.07.2018

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. ASWATHY PRASAD
College Register No.	MLM17CS020
Keltron Register No.	K1816I1100119
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY



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

Authorized Signatory
(Knowledge Services)



PTI
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Temp.No.KSG/Type 1/2
Regd: Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel: 0471-4094444

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

Scanned with CamScanner

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

KELTRON
I.T. Business Group
CIN U74999KL1972GCO02459

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam P.M. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9282127 | Pala, Phone: 0482-2212025 | Kanjikkuzhy, Phone: 0481-2571361 | Website Link: ksg.keltron.in

KSG/16/INTP/18-07/L1449

24.07.2018

CERTIFICATE

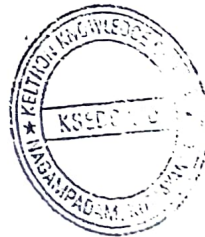
Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. ARYA SOMARAJ
College Register No.	MLM17CS016
Keltron Register No.	K181611C0103
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	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-695 033, Tel: 0471-4094444
Visit us at our website : <http://www.keltron.org>

MANGALAM COLLEGE OF ENGINEERING
Temp.No. KSG/1/pc 1/2

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

KELTRON
I.T. Business Group
CIN: U74999KL1972SGC002450

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Pvt. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kaduthuruthy, Phone: 0482-9282127 || Pala, Phone: 0482-2212026 || Kanjikkuzhy, Phone: 0481-2671361 || Website Link: ksg.keltron.in

KSG/16/INTP/18-07/L1464

24.07.2018

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ARUN K STANLY
College Register No.	MLM17CS015
Keltron Register No.	K181GI1100118
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	COMPLETED SUCCESSFULLY


**Authorized Signatory
(Knowledge Services)**


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



Temp.No.KSG/Type 1/2

Regd: Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel: 0471-4094444

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


MANGALAM COLLEGE OF ENGINEERING
Ettumanoor
Scanned with CamScanner

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

KELTRON
I.T. Business Group
CIN: U74999KL1972SGC002450

Keltron Knowledge Centre

1st Floor, Municipal Shopping Complex, Nagampadam Pvt. Bus Stand (South side), Kottayam-686 001, Phone: 0481-2304031
Kadthuruthy, Phone: 0482-9282127 || Pala, Phone: 0482-2212025 || Kanjikkuzhy, Phone: 0481-2571361 || Website Link : ksg.keltron.in

KSG/16/INTP/18-07/L1464

24.07.2018

CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ARUN K STANLY
College Register No.	MLM17CS015
Keltron Register No.	K1816I1100118
Branch/Discipline	B.Tech Computer Science Engineering
Year/Semester	.02 nd Semester
Address of College	Mangalam College of Engineering, Ettumanoor, Kottayam- 686631
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	28.06.18 to 03.07.18
Program Done at	Keltron Knowledge Centre(16), Nagampadam, Kottayam
Area of Expertise	Java & XML, Android, SDK, API & Database Management
Status of Program	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-695 033, Tel: 0471-4094444

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

Temp.No.KSG/Type 1/2

MANGALAM COLLEGE OF ENGINEERING
Kottayam
Scanned with CamScanner

KSEB



KERALA STATE ELECTRICITY BOARD Ltd.

(Incorporated under the Indian Companies Act 1956)

Registered Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram- 695 004, Kerala

CIN: U40100KL2011SGC027424 Website: www.kseb.in

Office of the Assistant Engineer, Electrical Section, Kottayam East
Kottayam-686001

Phone: 0481 2562937 FCT: 9496008129

Email: sekottayameast@gmail.com

CERTIFICATE

This is to certify that Ms. Reepa James, B.Tech Electrical & Electronics Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has been successfully completed her Industrial Training in KSEBL as per Board Order No. HRD/Ind.Trng/2018-19/4557 dated 04/07/2018 at Kerala State Electricity Board Ltd, Electrical Section, Kottayam East, Kottayam for a period of 5 days from 09/07/2018 to 13/07/2018.

Certified that her character and conduct are very good.

Kottayam
13/07/2018



[Signature]
ASSISTANT ENGINEER
Electrical Section
Kottayam East
Kerala State Electricity Board Ltd.

[Signature]
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

[Signature]

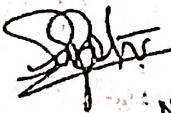
KSG/16/INTP/18-08/L4989

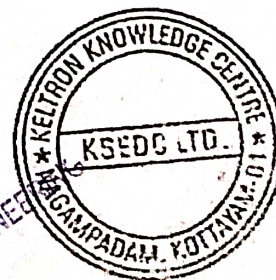
29.08.2018

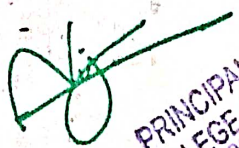
CERTIFICATE

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

Name of the Student	Mr. JESWIN GEORGE
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B.Tech Electrical and Electronics Engineering
Student's Registration No.	MLM17EE021
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816I110468
Program Category	INTERNSHIP
Period of the Program	25.07.2018 to 30.07.2018
Area of Expertise	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics.
Status	COMPLETED SUCCESSFULLY


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




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

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

ITBG - Knowledge Services Group

OSTIN: 33AABCK1319E428

KELTRON

CIN : U74999KL1972SGC002450

Phone: 0471-2724703 || Helpline No: +91 0100005545 || E-mail: leg@keltron.org || Website Link : ksg.keltron.in


KSG/16/INTP/18-08/L4995

29.08.2018

CERTIFICATE

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

Name of the Student	Ms. NESHYAMOL THOMAS
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B.Tech Electrical and Electronics Engineering
Student's Registration No.	MLM17EE025
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816I110474
Program Category	INTERNSHIP
Period of the Program	25.07.2018 to 30.07.2018
Area of Expertise	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics.
Status	COMPLETED SUCCESSFULLY


Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
Nagampadam, Kottayam-688 001
Authorized Signatory
(Knowledge Services)




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

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

ITBG - Knowledge Services Group

ESTD. 1986

KELTRON
CIN : U74099KL1072BGC002450

Phone: 0471-2724765 || Helpline No: +91 0108005545 || E-mail: itbg@keltron.org || Website Link : ksg.keltron.in

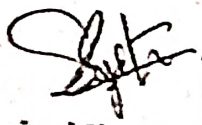
KSG/16/INTP/18-08/L4993

29.08.2018

CERTIFICATE

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

Name of the Student	Mr. SHYAM MOHAN
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B.Tech Electrical and Electronics Engineering
Student's Registration No.	MLM17EE033
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816I110472
Program Category	INTERNSHIP
Period of the Program	25.07.2018 to 30.07.2018
Area of Expertise	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics.
Status	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)

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



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



Temp No. KSG/INTP/Type-1/22.07.2018

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

KELTRON[®]
CIN : U74999KL1972SGC002450

ITBG - Knowledge Services Group

GSTIN : 32AABCK1319EA25

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

KSG/16/INTP/18-08/L4991

29.08.2018

CERTIFICATE


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

Name of the Student	Mr. SURAJ RAVI
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B.Tech Electrical and Electronics Engineering
Student's Registration No.	MLM17EE035
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816I110470
Program Category	INTERNSHIP
Period of the Program	25.07.2018 to 30.07.2018
Area of Expertise	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics.
Status	COMPLETED SUCCESSFULLY



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

Authorized Signatory
(Knowledge Services)



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



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

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

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

Keltron Knowledge Centre

Pulikal Avenue Building, Door No. 38/3020B&B1, Kaloor-Kadavanthra Road,
Kathrikkadavu Junction, Ernakulam-682017

KELTRON
I.T. Business Group
CIN: U74711KL191255010450

Phone: 0484-2971400, 2971401
E-mail: kkeltron@gmail.com

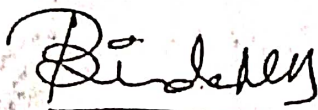
KSG/42/INTP/18-07/L1163

19.07.2012

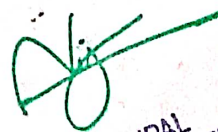
CERTIFICATE

Certified that the student has completed the Internship Training conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. ANANTHU SURIJIL
College Register No.	CML17EE002
Keltron Register No.	K18421110374
Branch/Discipline	B.Tech Electrical and Electronics Engineering
Year/Semester	02 nd Semester
Address of College	Believers Church Caarmel Engineering College, Pannay
University	A P J Abdul Kalam Technological University (KTU)
Program Category	INTERNSHIP
Period of Program	02.07.2012 to 07.07.2012
Program Done at	Keltron Knowledge Centre (42), Kathrikkadavu, Ernakulam
Area of Expertise	OrCAD, Proteus Simulation, Hardware Assembling, Soldering Practice
Status of Program	COMPLETED SUCCESSFULLY



Authorized Signatory.
(Knowledge Services)



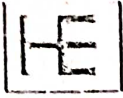
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Temp No: KSG/INTP/18-07-12

Regd: Office : Keltron House, Vellayambalam, Thiruvananthapuram-695 033, Tel: 0471-4094444

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





HANSA ENTERPRISES
Manufacturers of UV/IR Radiation Equipments



B-112, Dyavasandra Indl Estate, Mahadevapura P.O. Bangalore 560 0048

Phone : 080 - 41158874 / 9902303300 / 9845030900

AN ISO 9001:2000 COMPANY

Web site www.hansatv.com Email hansatv@yahoo.com

DATE: 25/05/2018

CERTIFICATE 2

This is to certify that Mr. Dinesh U.V. B Tech (Electrical and Electronics Engineering) student at Mangalam College of Engineering, Ettumanoor, Kottavam, has carried out his "Industrial training" in M/S. Hansa Enterprises, Mahadevapura, Bangalore for a period of five days from 21st May 2018 to 25th May 2018.



For HANSA ENTERPRISES

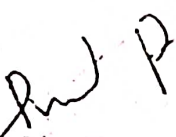

Authorized Signatory


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING


CERTIFICATE OF PARTICIPATION

08-07-2018

This is to certify that, ARUN MATHEW (MLM16EE017) of Mangalam College of Engineering, Ettumanoor affiliated to APJ Abdul Kalam Technological University, Kerala successfully completed 7 day internship program from 02-07-2018, Monday to 08-07-2018, Sunday at BrainScript Analytica a subsidiary of BrainScript Technology Solutions Pvt Ltd, Kottayam in Big Data Analytics, AI, Blockchain, Cloud Computing, RPA, IoT and Data Visualisation. During the period of his/her internship program with us he/she was found punctual, hardworking and inquisitive.


Pradeep V
Chief Executive Officer
BrainScript Technology Solutions Pvt. Ltd
Kottayam




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Indian Companies Act, 1956)
(Registered office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram-695 004)
Website: www.kseb.in CIN:U40100KL2011SGC027424

Office of the Assistant Engineer

Ranni-Perunad SHP

Koonankara.P.O

Pathanamthitta. 689711

TIN-32030760464



Phone:04735-240093

FCT:09496011569

Email:powerhouserpkseb@gmail.com

No:-RPSHP/EB2/Training/18-19/18/ Dtd.20.07.2018

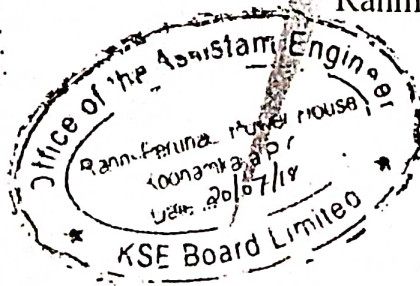
TO WHOM SO EVER IT MAY CONCERN

This is certify that Mr:ABHISHEK PILLAI 4th semester B-Tech Electrical and Electronics Engineering student of Cochin Institute of Science and Technology, Muvattupuzha Kerala had under gone 5 days industrial training from 16-07.2018 to 20.07.2018 at 4MW Generating Station Ranni-Perunad of Kerala State Electricity Board successfully as per the direction of the Executive Engineer-HRD, O/o the Chief Engineer (HRM), Thiruvananthapuram vide Letter No.HRD / Ind.Trg / 2018-19/ 4633 dated 11-07-2018.

During the period of training he had acquired knowledge about operation and maintenance of Power House, Power House equipments such as Power Transformers, Isolators, Lightning Arrestors, Earth switch, Circuit breaker, Relays, Battery charger, 3.3 KV, 11 KV panels, HT and LT cables, LTAC Panels, Unit Control Board panel, Generators, Excitation, synchronisation, load regulation, Oil Pressure Unit, Turbine Lubricating Systems, Gearbox LOS etc.

Ranni-Perunad
20-07-2018

Assistant Engineer
Ranni-Perunad Small Hydel Project



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

16.07.2018

TO Whom So Ever It May Concern

This is to certify that Mr Sam V Mathew, B.Tech student of Mangalam College of Engineering, Ettumanoor had done "Internship" at the "The Travancore Sugars And Chemicals Ltd" for the period from 09.07.2018 to 13.07.2018.

Yours faithfully,



Manager (P&A)

16/7/18

A handwritten signature in green ink, appearing to be "S.V. Mathew".

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

01

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 CII L15A71Y1193755A101175

22.07.2018

TO Whom So Ever It May Concern

This is to certify that Mr. SHEBIN BABY, B.Tech Electrical Engineering student of Mangalam College Of Engineering, Kottayam had done "INTERNSHIP" at the "The Travancore Sugars And Chemicals Ltd" for the period from 17.07.2018 to 21.07.2018..



Yours faithfully,


Manager (P&A)



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
KOTTAYAM

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

23.07.2018

TO Whom So Ever It May Concern

This is to certify that Mr. NILIN JACOB , B.Tech Electrical Engineering student of Mangalam College Of Engineering, Kottayam had done "INTERNSHIP" at the "The Travancore Sugars And Chemicals Ltd" for the period from 17.07.2018 to 21.07.2018..



Yours faithfully,


Manager (P&A)


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 CH L15421X11937SGC001176

16.07.2018

TO Whom So Ever It May Concern


This is to certify that Mr Nandhu S Gopal, B.Tech student of Mangalam College of Engineering, Ettumanoor had done "Internship" at the "The Travancore Sugars And Chemicals Ltd" for the period from 09.07.2018 to 13.07.2018.



Yours faithfully,


Manager (P&A)

16/7/18


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

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


16.07.2018

TO Whom So Ever It May Concern

This is to certify that Ms Minnumol V Saji, B.Tech student of Mangalam College of Engineering, Ettumanoor had done "Internship" at the "The Travancore Sugars And Chemicals Ltd" for the period from 09.07.2018 to 13.07.2018.

Yours faithfully,


Manager (P&A)


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 L15421KL1937SGCO01176

16.07.2018

TO Whom So Ever It May Concern


This is to certify that Mr Jithendra Kumar, B.Tech student of Mangalam College of Engineering, Ettumanoor had done "Internship" at the "The Travancore Sugars And Chemicals Ltd" for the period from 09.07.2018 to 13.07.2018.



Yours faithfully,


Manager (P&A)

16/7/18


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

10/

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

16.07.2018

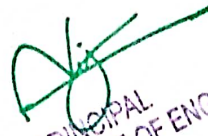
TO Whom So Ever It May Concern

This is to certify that Mr Harikrishanan S, B.Tech student of Mangalam College of Engineering, Ettumanoor had done "Internship" at the "The Travancore Sugars And Chemicals Ltd" for the period from 09.07.2018 to 13.07.2018.

Yours faithfully,


Manager (P&A)

16/7/18


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

6/

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 CIH L15421KL1937SGC001176

16.07.2018

TO Whom So Ever It May Concern


This is to certify that Mr Cyril Sebastian, B.Tech student of Mangalam College of Engineering, Ettumanoor had done "Internship" at the "The Travancore Sugars And Chemicals Ltd" for the period from 09.07.2018 to 13.07.2018.

Yours faithfully,



Manager (P&A)

16/7/18


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 L15421KL19375GC001176

16.07.2018

TO Whom So Ever It May Concern


This is to certify that Mr Emil Mathow, B.Tech student of Mangalam College of Engineering, Ettumanoor had done "Internship" at the "The Travancore Sugars And Chemicals Ltd" for the period from 09.07.2018 to 13.07.2018.

Yours faithfully,



Manager (P&A)

6/7/18


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

10

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 CIIN L15A21KL1937560001176

16.07.2018

TO Whom So Ever It May Concern

This is to certify that Mr Bijin Thomas, B.Tech student of Mangalam College of Engineering, Ettumanoor had done "Internship" at the "The Travancore Sugars And Chemicals Ltd" for the period from 09.07.2018 to 13.07.2018.

Yours faithfully,

Manager (P&A)

16/7/18

Principal
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

KSEB



KERALA STATE ELECTRICITY BOARD Ltd.

(Incorporated under the Indian Companies Act 1973)
Registered Office: Vidyarthi Bhavan, Palam, Thiruvananthapuram-695 014

CIN: U40100KL2011300321424 Website: www.ksebs.in
Office of the Assistant Engineer Electrical Section, Kottayam East
Kottayam-686001

Phone: 0481 2562937 FCT : 9496002129

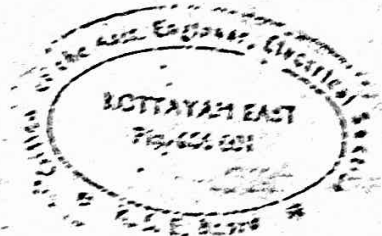
Email: askottayameast@gmail.com

CERTIFICATE

This is to certify that Mr. Shersin Shereef, B.Tech Electrical & Electronics Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has been successfully completed his Industrial Training in KSEBL as per Board Order No. HRD/Ind.Trg/2018-19/4557 dated 04/07/2018 at Kerala State Electricity Board Ltd, Electrical Section Kottayam East, Kottayam for a period of 5 days from 09/07/2018 to 13/07/2018.

Certified that his character and conduct are very good.

Kottayam
13/07/2018



[Signature]
ASSISTANT ENGINEER
Electrical Section
Kottayam East
Kerala State Electricity Board Ltd.

[Signature]
MANGALAM COLLEGE OF ENGINEERING
ETTU MANOOR
KOTTAYAM

8/

KSEB
Kerala State Electricity Board



KERALA STATE ELECTRICITY BOARD Ltd.

(Incorporated under the Indian Companies Act 1956)

Registered Office: Vydhyathi Bhayam, Pattom, Thiruvananthapuram-695 001, Kerala

CIN: U40100KL2011SGC027424 Website: www.kseb.in

Office of the Assistant Engineer, Electrical Section, Kottayam East
Kottayam-686001

Phone: 0481 2562937 FCT: 9496008129

Email: ackottayameast@gmail.com

CERTIFICATE

This is to certify that Ms. Nimmi Cheriun C. V, B.Tech Electrical & Electronics Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has been successfully completed her Industrial Training in KSEBL as per Board Order No. HRD/Ind.Trg/2018-19/4557 dated 04/07/2018 at Kerala State Electricity Board Ltd, Electrical Section, Kottayam East, Kottayam for a period of 5 days from 09/07/2018 to 13/07/2018.

Certified that her character and conduct are very good.

Kottayam
13/07/2018



[Signature]
ASSISTANT ENGINEER
Electrical Section
Kottayam East
Kerala State Electricity Board Ltd

[Signature]
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

b/



KERALA STATE ELECTRICITY BOARD Ltd.

(Incorporated under the Indian Companies Act 1956)
Registered Office: Vydhyuthi Bhavanam, Pattom, Thiruvananthapuram- 695 004, K
CIN: U40100KL2011SGC027424 Website: www.kseb.in
Office of the Assistant Engineer, Electrical Section, Kottayam East
Kottayam-686001

Phone: 0481 2562937 FCT : 9496008129

Email: aekottayameast@gmail.com

CERTIFICATE

This is to certify that Mr. Achary Anandu Saji, B.Tech Electrical & Electronics Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has been successfully completed his Industrial Training in KSEBL as per Board Order No. HRD/IndTrg/2018-19/4557 dated 04/07/2018 at Kerala State Electricity Board Ltd, Electrical Section Kottayam East, Kottayam for a period of 5 days from 09/07/2018 to 13/07/2018.

Certified that his character and conduct are very good.

Kottayam
13/07/2018



[Signature]
ASSISTANT ENGINEER
Electrical Section
Kottayam East
Kerala State Electricity Board Ltd.

[Signature]
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

23.07.2018


TO Whom So Ever It May Concern

This is to certify that Mr. AJIN JOSEPH VARGHESE, B.Tech Electrical Engineering student of Mangalam College Of Engineering, Kottayam had done "INTERNSHIP" at the "The Travancore Sugars And Chemicals Ltd" for the period from 17.07.2018 to 21.07.2018..



Yours faithfully,


Manager (P&A)


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
ERUMMOOR

6/

KSEB



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Indian Companies Act 1956)
Registered Office: Vydhyuthi Bhavanam, Pattom, Thiruvananthapuram- 075 001
CIN: U40100K1.2011SGC027424 Website: www.kseb.in
Office of the Assistant Engineer, Electrical Section, Kottayam East
Kottayam-686001
Phone: 0481 2562937 FCT : 9496008129
Email: ackottayameast@gmail.com

CERTIFICATE

This is to certify that Ms. Anjaly S Nair, B.Tech Electrical & Electronics Engineering student of Mangalam College of Engineering, Ettumanoor, Kottayam has been successfully completed her Industrial Training in KSEBL as per Board Order No. HRD/Ind.Trng/2018-19/4557 dated 04/07/2018 at Kerala State Electricity Board Ltd, Electrical Section, Kottayam East, Kottayam for a period of 5 days from 09/07/2018 to 13/07/2018.

Certified that her character and conduct are very good.

Kottayam
13/07/2018



[Signature]
ASSISTANT ENGINEER
Electrical Section
Kottayam East
Kerala State Electricity Board Ltd

[Signature]
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

4/10

5/1

THE TRAVANCORE SUGARS & CHEMICALS LT

(A KERALA GOVERNMENT COMPANY)

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

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

E-mail : travancore@sugars65@gmail.com

website: www.travancore@sugars.com

KGST No. 14025011 dt. 26.02.1991 CST No. 32030257465G

TIN 32030257465

CIN L15421KL1937SGC001176

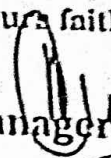
23.07.2018


TO Whom So Ever It May Concern

This is to certify that Mr. TOM THOMAS, B.Tech Electrical Engineering student of Mangalam College Of Engineering, Kottayam had done "INTERNSHIP" at the "The Travancore Sugars And Chemicals Ltd" for the period from 17.07.2018 to 21.07.2018..



Yours faithfully,


Manager (P&A)


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 L15421KL1937SGC001175

23.07.2018


TO Whom So Ever It May Concern

This is to certify that Mr. ANTONY K R , B.Tech Electrical Engineering student of Mangalam College Of Engineering, Kottayam had done "INTERNSHIP" at the "The Travancore Sugars And Chemicals Ltd" for the period from 17.07.2018 to 21.07.2018..



Yours faithfully,


Manager (P&A)


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumambor

6/

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

16.07.2018

TO Whom So Ever It May Concern

This is to certify that Mr Abdul Salam, B.Tech student of Mangalam College of Engineering, Ettumanoor had done "Internship" at the "The Travancore Sugars And Chemicals Ltd" for the period from 09.07.2018 to 13.07.2018.

Yours faithfully,


Manager (P&A)

16/7/18


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

MIDAS
PRECURED TREADS (P) LTD.

Registered Office:
MIDAS MARKETING BUILDING
VARISSERY JN., MARIATHURUTHU P.O.
KOTTAYAM - 686 017, KERALA, INDIA
PHONE : 91 - 481 - 2551215
FAX : 91 - 481 - 2551155
E-mail : midas@vsal.com
Website : www.midastreads.com
CIN:U25119KL1985PTC004269

28th July, 2018.

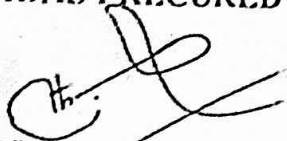
28-7-18

CERTIFICATE

This is to certify that Mr. SANJUK PHILIP, B. TECH (Student) of MANGALAM COLLEGE OF ENGINEERING has Successfully Completed the "INTERNSHIP" in our Organisation during 16th July, to 21st July, 2018

During the period we found that he is very punctual and taking keen interest in his assignments and we wish him all success.


For MIDAS PRECURED TREADS (P) LTD



AUTHORISED SIGNATORY



Works: Budding No. V/36, Kolladu, Acharam, Devalokam P.O., Kottayam - 686 004
184/11, Industrial Estate, Ettumanoor, Kottayam - 686 631, Kerala. Ph: 2537656


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



MIDAS
PRECURED TRENDS (P) LTD.

Regional Office
MIDAS PRECURED TRENDS BUILDING
INDUSTRIAL ESTATE, ETUMANOOR, KOTAYAM
KERALA - 686 531
PHONE 91 - 481 - 255722
FAX 91 - 481 - 255722
Email: midas@precured.com
Website: www.midasprecured.com
CAN 012507437433001433

28th July, 2018

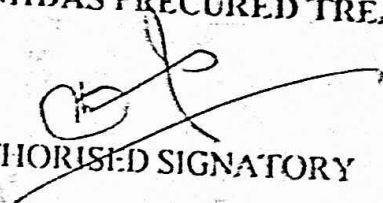
28-07-18

CERTIFICATE

This is to certify that Mr. ASHIK SABU. B. TECH (Student) of MANGALAM COLLEGE OF ENGINEERING has Successfully Completed the "INTERNSHIP" in our Organisation during 16th July, to 21st July, 2018


During the period we found that he is very punctual and taking keen interest in HIS assignments and we wish him all success.

For MIDAS PRECURED TRENDS (P) LTD


AUTHORISED SIGNATORY



Works: Building No. V/35, Koladu, Adivaram, Devabkam P.D. Kotayam - 686 534
134/11, Industrial Estate, Etumanoor, Kotayam - 686 531, Kerala. Pin 686 531


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Etumanoor

of



കേരള സംസ്ഥാന വൈദ്യുത ബോർഡ്

KERALA STATE ELECTRICITY BOARD LTD



This certifies that

Sri / Smt *Jesin Jacob*.....*3rd Semester B.Tech*.....
Electrical & Electronics, Nanyang Normal College of Engineering

has successfully completed his / her internship.

Period.....*05 / 07 / 2018*..... to *13 / 07 / 2018*.....

16.7.18

Assistant Engineer
Electrical section
Kottayam central





KERALA STATE ELECTRICITY BOARD LTD



This certifies that
Sri / Smt *Christy Elizabeth Volly, 3rd Semester B.Tech*
Electrical & Electronics, Mangal College of Engineering
has successfully completed his / her internship.

Period *09 / 07 / 2018* to *13 / 07 / 2018*.....

16.7.18

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING

Assistant Engineer
Electrical section
Kottayam central

KSEB
കേരളാസംസ്കൃത വിദ്യാഭ്യാസം

KERALA STATE

ELECTRICITY BOARD LTD



This certifies that

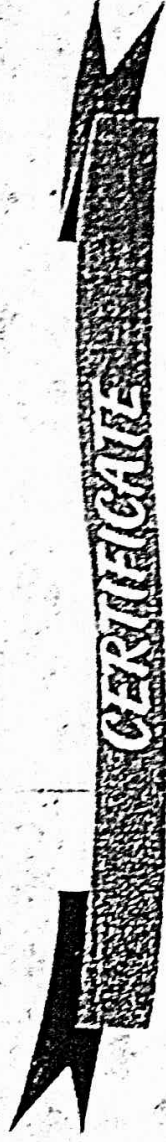
Sri / Smt Athias V. Saji, 3rd semester B.Tech Electrical &
Electronics, Manganada college of Engineering

has successfully completed his / her internship.

Period 07 / 02 / 2018 to 13 / 02 / 2018

16-7-18

Assistant Engineer
Electrical section
Kottayam central



This certifies that

Sri / Smt Aparna Pradeep 3rd semester B.Tech
Electrical & Electronics, M.A.S.S. college of Engineering

has successfully completed his / her internship.

Period 09 / 07 / 2018 to 13 / 07 / 2018

16-7-18

PRINCIPAL
COLLEGE OF ENGINEERING

Assistant Engineer
Electrical section
Kottayam central

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

KELTRON
CIN : U74999KL1972SGC002450

ITBG - Knowledge Services Group
GSTIN : ZAABOK1319E4Z5

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


KSG/16/INTP/18-08/L4996

29.08.2018


CERTIFICATE

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

Name of the Student	Ms. ASNA RAJEEV
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B.Tech Electrical and Electronics Engineering
Student's Registration No.	MLM17EE010
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K18161110475
Program Category	INTERNSHIP
Period of the Program	25.07.2018 to 30.07.2018
Area of Expertise	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics.
Status	COMPLETED SUCCESSFULLY


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

Authorized Signatory
(Knowledge Services)


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



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

KELTRON
CIN : U74999KL1972SGC002450

ITBG - Knowledge Services Group

GSTIN : 32AABCK1319E425

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


KSG/16/INTP/18-08/L4990


29.08.2018

CERTIFICATE

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

Name of the Student	Mr. DAIS MATHEW
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B.Tech Electrical and Electronics Engineering
Student's Registration No.	MLM17EE015
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816I110469
Program Category	INTERNSHIP
Period of the Program	25.07.2018 to 30.07.2018
Area of Expertise	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics.
Status	COMPLETED SUCCESSFULLY


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


PRINCIPAL
MANGALAM COLLEGE OF
Ettumanoor





KSG/16/INTP/18-08/L4992

29.08.2018

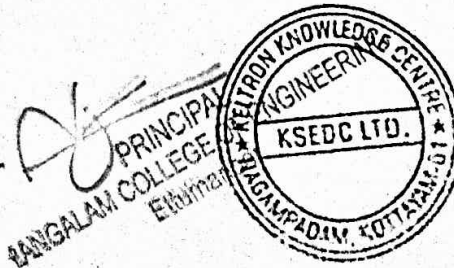
CERTIFICATE

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

Name of the Student	Mr. GITHU SUNIL
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B.Tech Electrical and Electronics Engineering
Student's Registration No.	MLM17EE017
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadam, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816I110471
Program Category	INTERNSHIP
Period of the Program	25.07.2018 to 30.07.2018
Area of Expertise	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics.
Status	COMPLETED SUCCESSFULLY

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

Authorized Signatory
(Knowledge Services)



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

KELTRON
CIN : U74999KL1972BGC002A20

ITBG'- Knowledge Services Group

GSTIN : 32AA8CK1319E425

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

KSG/16/INTP/18-08/L4994

29.08.2018

CERTIFICATE

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

Name of the Student	Mr. GOKUL KRISHNAN G
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam - 686631.
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU)
Branch/Discipline of Study	B.Tech Electrical and Electronics Engineering
Student's Registration No.	MLM17EE018
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was Done	Keltron Knowledge Centre (16), Nagampadom, Kottayam
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K1816I110473
Program Category	INTERNSHIP
Period of the Program	25.07.2018 to 30.07.2018
Area of Expertise	Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems & Robotics.
Status	COMPLETED SUCCESSFULLY

Authorized Signatory
(Knowledge Services)

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

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



Temp No. KSG/INTP/18/08/29/18

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

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

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




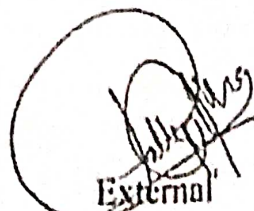
CERTIFICATE


This is to certify that the report entitled 'BUND BREAKAGE PREDICTOR AND AUTOMATIC FIELD IRRIGATION SYSTEM' submitted by ABHIJITH A (MLM15EE001), ANJANA A (KVE15EE006), JEEVAN DAS (MLM15EE013), NIKHIL R KRISHNAN (MLM15EE018) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for 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 our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.


Project
Supervisor


Project
coordinator


Head
of the dept


External
examiner


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor