Ph :+91-481-2710120, +91-481-2537053 +91-481-2533711, Fax: +91-481-2533700

Web: www.mangalam.ac.in E-mail: info@mangalam.in

-(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- 2020-21

1	Name of the course Advanced Energy Engineering	No of students	Department	Date	Year	
2	2 Advanced Manufacturing Technology	4	ME	6 January		Duration
3	Advanced Metal Joining	4	ME		2020-21	6 months
4	Automobile Engineering	4	ME	6 January	2020-21	6 months
	Basics of Electrical & Electronics	4	ME	6 January	2020-21	6 months
5	Engineering		IVIL	6 January	2020-21	6 months
6	Compressible Fluid Flow	2	ME			
7	Computer Aid a Lo	4	ME	6 January	2020-21	6 months
	Computer Aided Design and Analysis	3	ME	6 January	2020-21	6 months
8	Computer Aided Design and Analysis Lab		IVIE	6 January	2020-21	6 months
		3	ME			
	Computer Aided Machine Drawing	4	ME	6 January	2020-21	6 months
10	Computer Programming & Numerical	·	ME	6 January	2020-21	6 months
	wiethods	2	145			
11	Design and Engineering	4	ME	6 January	2020-21	6 months
12	Design of Machine Elements I	4	ME	6 January	2020-21	6 months
13	Design of Machine Elements II	4	ME	6 January	2020-21	6 months
14	Design Project	4	ME	6 January	2020-21	6 months
15	Dynamics of Machinery	4	ME	6 January	2020-21	6 months
16	Electrical & Electronics Lab	4	ME	6 January	2020-21	6 months
17	Electrical & Electronics Workshop	2	ME	6 January	2020-21	6 months
	Electrical Drives & Control for Automation		ME	6 January	2020-21	6 months
18		2				5
19	Engineering Chemistry	4	ME	6 January	2020-21	6 months
20 E	Engineering Chemistry Lab		ME	6 January	2020-21	6 months
21 E	Engineering Graphics	4	ME	6 January	2020-21	6 months
22 E	Engineering Mechanics	4	ME	6 January	2020-21	6 months
23 E	Engineering Physics B	4	ME	6 January	2020-21	6 months
24 E	Ingineering Physics Lab	2	ME	6 January	2020-21	
25 E	ngineering Thermodynamics	2	ME	6 January	2020-21	6 months
26 F	luid Machinery	8	ME	6 January	2020-21	6 months
27 F	m & Hm Lab	4	ME	6 January	2020-21	6 months
	leat & Mass Transfer	4	ME	6 January	2020-21	6 months
29 Ir	ndustrial Engineering	4	ME	6 January		6 months
	Machine Tools & Digital Manufacturing	4	ME	6 January	2020-21	6 months
30	Manufacturing			o daridary	2020-21	6 months
	Machine Tools Lab-I	3	ME	6 January	2022	
	Manufacturing Process	4	ME	6 January	2020-21	6 months
32 1	Applifacturing Tool	4	ME	6 January 6 January	2020-21	6 months
34 14	Manufacturing Technology Lab I	4	ME	6 January 6 January	2020-21	6 months
35 14	Manufacturing Technology Lab II	4	ME		2020-21	6 months
الا دد	Marketing Managaement	4	ME	6 January	2020-21	6 months
مر M	laterial Handling & Facilities Planning			6 January	2020-21	6 months
36		4	ME	6.1		
3/ M	aterials Testing Lab	4	ME	6 January	2020-21	6 months
SS M	echanical Engineering Lab	4		6 January	2020-21	6 months
39 M	echanics of Fluids	4	ME	6 January	2020-21	6 months
10 M	echanics of Machinery	4	ME	6 January	2020-21	6 months
11 M	echanics of Solids	4	ME	6 January		6 months
12 Me	echatronics		ME	6 January	2020-21	6 months
3 Me	etallurgy & Material Science	4	ME	6 January	2020-21	6 months
4 Me	etrology and Instrumentation	8	ME	6 January		6 months
5 No	on-Destructive Testing	4	ME	6 January		
Pai	rtial Differential Equation and Complex	4	ME	6 January		6 months
6 An	alysis			adui y	2020-21	6 months
	nciples of Management Registered Office: Mangalam Comple	2	ME	6 January	2020 74	m
	i or management	1		Juliuary	2020-21	6 months

48	Programming in C	4	MAG	1 0 1	1 2000	
49	Project	114	ME ME	6 Januar	-	
	Refrigeration & Air Conditioning	4	ME	6 Januar		
51	Seminar and Preliminary	114	ME	6 Januar		
	Linear Algebra and Calculus	1	ME	6 Januar	-	
	Basics of Civil & Mechanical Engineering	+	IVIE	6 Januar	y 2020-2	1 6 month
53	and the state of t	1	МЕ	6 10	2020.2	
54	Civil & Mechanical Workshop	1		6 January		
	Vector Calculus, Differential Equations and	1	ME	6 January	2020-2	1 6 month
	Transforms	1				
	Probability, Statistics and Numerical	1	ME	6 January	2020-2	l 6 months
	Methods					
	Business Mathematics	1	ME	6 January		
	Business Practice and Industrial Economics	1	ME	6 January	2020-21	6 months
58	and madstrial Economics	1				
	inancial Management and Accounting	1	ME	6 January	2020-21	6 months
59	mancial Management and Accounting					
	Juman Danas - Maria	1	ME	6 January	2020-21	6 months
	Human Resource Management	1	ME	6 January	2020-21	6 months
	ndustrial Engineering Lab	1	ME	6 January	2020-21	6 months
	ndustrial Training	1	ME	6 January	2020-21	6 months
	nowledge Management	1	ME	6 January	2020-21	6 months
	Materials & Supply Chain Management					
64		1	ME	6 January	2020-21	6 months
	rganizational Behaviour	1	ME	6 January	2020-21	6 months
66 Pr	ractical Project Management	1	ME	6 January	2020-21	6 months
	roject (Phase 1)	12	ME	6 January	2020-21	6 months
	roject (Phase 2)	12	ME	6 January	2020-21	6 months
	uality Management	1	ME	6 January	2020-21	
	uantitative Techniques	1	ME	6 January	2020-21	6 months
	search Methodology	1	ME	6 January	2020-21	6 months
	tal Quality Management	1	ME	6 January		6 months
73 W	ork System Design	1	ME	6 January	2020-21	6 months
	B Marketing	2	MBA		2020-21	6 months
75 Bus	siness Research Methods	90	MBA	6 January	2020-21	6 months
76 Cor	mmercial Banking System	5	MBA	6 January	2020-21	6 months
77 Cor	mprehensive project	90	MBA	6 January	2020-21	6 months
78 Cor	porate Taxation	2	MBA	6 January	2020-21	6 months
79 Digi	ital & Social Media Marketing	6	MBA	6 January	2020-21	6 months
80 Digi	tal & Social Media Marketing	6		6 January	2020-21	6 months
81 ENT	REPRENEURSHIP	21	MBA	6 January	2020-21	6 months
	ncial management 1	14	MBA	6 January	2020-21	6 months
83 Fina	ncial managemnt 2		MBA	6 January	2020-21	6 months
84 Final	ncial Markets & Services	5	MBA	6 January	2020-21	6 months
85 Hum	an Resourse Management	2	MBA	6 January	2020-21	6 months
86 Indu	strial Psychology	25	MBA	6 January	2020-21	6 months
	strial Relation & Labour Laws	9	MBA	6 January	2020-21	6 months
88 Inter	nchin	2	MBA	6 January	2020-21	6 months
	ership Power & Influence	90	MBA	6 January	2020-21	6 months
		2	MBA	6 January	2020-21	6 months
	eting Management 1	2	MBA	6 January	2020-21	6 months
	Banking Financial Companies &			,	2020 21	omonths
	ofinance	1	MBA	6 January	2020-21	C
0 Opera	ations management	4	MBA	6 January		6 months
3 Organ	nizational Behaviour 2	19	MBA	6 January	2020-21	6 months
	rmance Management	1	MBA	6 January	2020-21	6 months
	Management	9	MBA		2020-21	6 months
	es marketing	12	MBA	6 January		6 months
7 Social	Marketing	3		6 January		6 months
8 Semin	ar & Project Preliminary	258	MBA	6 January	2020-21	6 months
9 Main F	Project		EEE	6 January		6 months
	eering Physiscs Lab	130	EEE	6 January		6 months
-	ering Physics	41	EEE	6 January		6 months
l Engine		41	EEE	6 January		
Engine	cal Machines Lab II					
2 Electric	cal Machines Lab II	3	EEE			6 months
Electric	cal Machines Lab II cal system design Signal Processing			6 January 6 January	2020-21	5 months 5 months 5 months

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105 Electrical Machine Design	4	EEE	6 January	2020-21	6 months
06 Power Quality	5	EEE	6 January	2020-21	6 months
107 Power system Lab	4	EEE	6 January	2020-21	6 months
108 Design & Engineering	5	EEE	6 January	2020-21	6 months
109 Programming in C	41	EEE	6 January	2020-21	6 months
110 Circuits & Networks	41	EEE	6 January	2020-21	6 months
111 Biomedical Instrumentation	4	EEE	6 January	2020-21	6 months
112 Digital Electronics	4	EEE	6 January	2020-21	6 months
113 Power Electronics and Drives Lab	4	EEE	6 January	2020-21	6 months
Digital Circuits and Embedded Systems Lab					
114	4	EEE	6 January	2020-21	6 months
115 Measurements & Instrumentation	4	EEE	6 January	2020-21	6 months
Distributed generation and smart grids					
116	4	EEE	6 January	2020-21	6 months
117 Power Electronics	4	EEE	6 January	2020-21	6 months
118 New and Renewable Energy Systems	8	EEE	6 January	2020-21	6 months
Microprocessor and Embedded Systems					
119	4	EEE	6 January	2020-21	6 months
Power Generation, Transmission and					
120 Protection	3	EEE	6 January	2020-21	6 months
121 Computer Networks	3	EEE	6 January	2020-21	6 months
122 Design Project	18	EEE	6 January	2020-21	6 months
123 Analog Electronics	18	EEE	6 January	2020-21	6 months
124 Computer Programming	18	EEE	6 January	2020-21	6 months
125 Electrical & ELectronics Workshop	18	EEE	6 January	2020-21	6 months
126 Electromagnetics	4	EEE	6 January	2020-21	6 months
127 Advanced Control Theory	4	EEE	6 January	2020-21	6 months
128 Systems and Control Lab	4	EEE	6 January	2020-21	6 months
129 Linear Control Systems	3	EEE	6 January	2020-21	6 months
130 Digital Electronics Lab Course Project	24	EEE	6 January	2020-21	6 months
131 Analog Electronics Lab Course Project	24	EEE	6 January	2020-21	6 months
Circuits and Measurements Lab Course			O Sandary	2020-21	6 months
132 Project	24	EEE	G January	2020.21	
Applications of Special Electrical Machines	1		6 January	2020-21	6 months
L33 Count	1				
		EEE	6 January	2020-21	6 months
Computer Applications in Power Systems	3	EEE	6 January	2020-21	6 months
Elective - I Electric Drive Systems Count	2				
.35		EEE	6 January	2020-21	6 months
Embedded Controllers for Power	2				
36 Convertors Count		EEE	6 January	2020-21	6 months
37 Facts & Power Quality Count	2	EEE	6 January	2020-21	6 months
38 High Voltage DC Transmission Count	2	EEE	6 January	2020-21	6 months
39 Industrial Control Electronics Count	2	EEE	6 January	2020-21	6 months
40 Industrial Training Count	2	EEE	6 January	2020-21	6 months
41 Main Project Count	2	EEE	6 January	2020-21	6 months
42 Mini Project Count	7	EEE	6 January	2020-21	6 months
Modelling and Analysis of Electrical	2		,		5
43 Machines Count		EEE	6 January	2020-21	6 months
Optimization Techniques for Engineering	7		- Canadi y	2020-21	o months
44 Applications Count	<i>;</i>	EEE	6 January	2020 21	6 mante
Power Electronic Devices & Circuits Count	2		o January	2020-21	6 months
45	_	EEE	6 1	2022	
46 Power Electronics Lab Count	2		6 January	2020-21	6 months
Power System Dynamics and Stability	2	EEE	6 January	2020-21	6 months
47 Count	2				
		EEE	6 January	2020-21	6 months
Power System Operation and Control	3				
48 Count		EEE	6 January	2020-21	6 months
49 Power Systems Simulation Lab Count	2	EEE	6 January	2020-21	6 months
50 Project Phase 1 Count	2	EEE	6 January	2020-21	6 months
51 Renewable Energy Systems Count	2	EEE	6 January	2020-21	6 months
52 Research Methodology Count	2	EEE	6 January	2020-21	6 months
	2		,		J. II.OII.II.
Switched Mode Power Converters Count	-				
Switched Mode Power Converters Count 53 Computational Intelligence	-	EEE	6 January	2020-21 F	6 months

135/	Advanced Computing La		1		CSE	T 0:				
156	dvanced data structuree and algo	ri: ims	2		COE	6 Jai	nuary	2020	0-21	6 mont
					CSE	0.10				
150 A	dvanced datbase management nalog Communication		2	The second secon	CSE	6 Jar	nuary	2020		6 mont
Δ	pplication software devolopment		4		CSE	6 Jan	The state of the s	2020		6 mont
159	pplication software devolopment	lab	4			3 33,1	dary	2020	-21	6 mont
	tificial Intelligence				CSE	6 Jan	uary	2020-	-21	6 month
161 Au	itomata Theory and Computability		6		CSE	6 Jan		2020-		6 month
162 Ba	sics of Robotics	/	2		CSE	6 Jani		2020-		6 month
	SICS OF ELECTRICAL & ELECTRONI	CC	5		SE	6 Janu	Jary	2020-		6 month
163 EN	GINEERING	C3	4							-
164 big	data processing		2		SE	6 Janu		2020-2	21	6 month
165 Bio	Informatics		2 3		SE	6 Janu		2020-2	21	6 month
166 Bio	informatics		1		SE	6 Janu		2020-2	21	6 months
167 Bio	medical Engineering		5		SE	6 Janua		2020-2		6 months
168 Con	npiler Design		5		SE	6 Janua		2020-2	_	6 months
169 Con	npiler Design Lab		1	CS		6 Janua		2020-2	_	6 months
Com	nputational fundamentals for mac	hine	4	CS	SE	6 Janua	ary	2020-2	1 6	months
1/0 lear	ning		7		-					
1/1 Com	puter Graphics		2	CS		6 Janua	ry	2020-21		months
	puter networks		4	CS		6 Janua		2020-21	. 6	months
COM	PUTER ORGANIZATION AND		4	- 65		6 Januar	ry	2020-21	6	months
	HITECTURE			CSI	=					
174 cm to	outer security and applied		2	- 001		6 Januar	у	2020-21	6	months
174 cryto				CSE	=	6 10				
176 Comp	outer System Architecture		4	CSE		6 Januar 6 Januar		2020-21	_	months
177 data o	ography and network security		18	CSE		6 January		2020-21		months
178 Data N	Mining and Warehousing		4	CSE		6 January	_	2020-21		months
179 Data S	tructures		14	CSE		6 January	$\overline{}$	2020-21		nonths
	tructures Lab		3	CSE		6 January	_	2020-21		nonths
181 databa	se management system		3	CSE		6 January	_	2020-21 2020-21		nonths
182 DESIGN	V & ENGINEERING	_	4	CSE		6 January	_	2020-21		nonths
183 Design	and Analysis of Algorithms		4	CSE		6 January		020-21	_	onths
184 design	Project		5	CSE		6 January	_	020-21	_	onths
185 DIGITAL	LAB	+	48	CSE		6 January		020-21	_	onths
.86 Diigital	Communication	_	4	CSE		6 January		020-21		onths onths
.87 Distribu	ted Computing	_	3	CSE		6 January	_	020-21		onths
88 Distribut	ted Computing Systems	+-	1	CSE		6 January		020-21		onths
89 Embedd	ed System	_	8	CSE		6 January		020-21		onths
90 Embedd	ed Systems	+-	9	CSE		6 January		20-21		onths
Graph Th	neory and Combinatorics		3	CSE		6 January		20-21		onths
2 Introduct	tion to Industrial Automation		5	CSE		6 January		20-21	6 mo	
3 Logic Syst	tem Design		5	CSE		6 January	20	20-21	6 mo	
4 Machine	Learning		29	CSE		6 January	20	20-21	6 mo	
5 Micropro	cessor Lab		7	CSE		6 January	202	20-21	6 moi	
7 Min: Dari	cessors and Microcontrollers		9	CSE		6 January		20-21	6 mor	
7 Mini Proje			9	CSE		6 January		20-21	6 mor	
Mobile Co	omputing		8	CSE		6 January		0-21	5 mon	
Network 5	omputer Networks		2	CSE		6 January		0-21	mon	
Network C	Programming Lab		7	CSE		6 January		0-21	mon	
Object Ori	ented Program		1	CSE		6 January		0-21 6	mon	ths
Object Orio	ented Programming in Java		16	CSE		3 January	2020	0-21 6	mon	
Object One	ented Programming Lab in Java		23	002		3 January	2020		mon	
	Sustam David			CSE						
Programmi	System Design Concepts		1	CSE		January	2020	-	mont	hs
Programmi	ng Paradigms		6 .	CSE		January	2020)-21 6	mont	
Research M	ethodology		4	CSE	6	January	2020	-21 6	mont	
Seminar & P	Project Preliminary		1	CSE		January	2020	-21 6	mont	
Social Netwo	ork Analytics		94	CSE		January	2020		montl	ns
Soft Comput	ting		1	CSE		January January	2020- 2020-		month	
			8		. 0		2020	24	nonth	

_							
	2	software Engineering and Project	8	005	0.1	2020-21	6 months
-		Managment		CSE	6 January	2020-21	
-		System software	4	CSE	6 January	2020-21	
-		system software Lab	4	CSE	6 January	_	
-		Theory of Computation	3	CSE	6 January	2020-21	6 months
		web security	2	CSE	6 January	2020-21	6 months
		web services	2	CSE	6 January	2020-21	6 months
	217	Web Technologies	9	CSE	6 January	2020-21	6 months
	218	Wireless Sensor Networks	2	CSE	6 January	2020-21	6 months
	219	Advanced Communication Systems	2	ECE	6 January	2020-21	6 months
		ANALOG COMMUNICATION ENGINEERING	5 4			2000 04	C
	220			ECE	6 January	2020-21	6 months
	_	ANALOG INTEGRATED CIRCUITS	4	ECE	6 January	2020-21	6 months
	_	ANALOG INTEGRATED CIRUITS LAB	4	ECE	6 January	2020-21	6 months
	_	ANTENNA & WAVE PROPAGATION	4	ECE	6 January	2020-21	6 months
		Applied Electromagnetic Theory	4	ECE	6 January	2020-21	6 months
	_	BASICS OF CIVIL ENGG	4	ECE	6 January	2020-21	
	_	BASICS OF ELECTRICAL ENGG	8	ECE	6 January	2020-21	6 months
		BASICS OF MECHANICAL ENGINEERING	4			2020 21	C
	227			ECE	6 January	2020-21	6 months
		Biomedical Engineering	4	ECE	6 January	2020-21	6 months
-	_	ALCULUS	4	ECE	6 January	2020-21	6 months
	230 C	IVIL ENGG WORKSHOP	4	ECE	6 January	2020-21	6 months
		OMMUNICATION ENGINEERING	4				
	231 L	AB(ANALOG & DIGITAL)		ECE	6 January	2020-21	6 months
	232 C	ommunication Systems Lab	4	ECE	6 January	2020-21	6 months
	233 C	OMPREHENSIVE EXAM	4	ECE	6 January	2020-21	6 months
	234 C	ontrol Systems	3	ECE	6 January	2020-21	6 months
	235 D	ESIGN & ENGINEERING	3	ECE	6 January	2020-21	6 months
	236 DI	ESIGN PROJECT	39	ECE	6 January	2020-21	6 months
1 2	237 Di	gital Signal Processing	8	ECE	6 January	2020-21	6 months
	_	gital Signal Processing Lab	4	ECE	6 January	2020-21	6 months
$\overline{}$	$\overline{}$	ECTRONIC CIRCUITS	15	ECE	6 January	2020-21	6 months
-	\rightarrow	ECTRONIC DESIGN AUTOMATION LAB	4				
2	40			ECE	6 January	2020-21	6 months
		ECTRONIC DEVICES & CIRCUITS LAB	7	ECE	6 January	2020-21	6 months
		ECTRONICS ENGINEERING WORKSHOP	7		,		
2	42	zernomes znemzzimie ir ermene.		ECE	6 January	2020-21	6 months
	_	IBEDDED SYSTEM	24	ECE	6 January	2020-21	6 months
		GIC CIRCUIT DESIGN	15	ECE	6 January	2020-21	6 months
		CROCNTROLLER LAB	4	ECE	6 January	2020-21	6 months
	_		8	ECE	6 January	2020-21	6 months
	_	croprocessors and Microcontrollers	2	ECE	6 January	2020-21	6 months
		NI PROJECT	4	ECE	6 January	2020-21	6 months
24		TWORK THEORY		ECE	Obalidary	2020-21	O IIIOIILII3
	- 1	ver Electronics and Instrumentation	4	505	C lanuari	2020.21	C manths
24				ECE	6 January	2020-21	6 months
		ver Electronics and Instrumentation	4	505		2020.21	C
25	0 Lab			ECE	6 January	2020-21	6 months
		BABILITY DISTRIBUTIONS, RANDOM	4				
	PRO	CESSES AND NUMERICAL METHODS			1		
251	L			ECE	6 January	2020-21	6 months
252	PRO.	JECT	47	ECE	6 January		6 months
253	PRO.	IECT PRELIMINARY	47	ECE	6 January	2020-21	6 months
254	REAL	TIME OPERATING SYSTEMS	8	ECE	6 January	2020-21	6 months
255	Resp	onsible Engineering	3	ECE	6 January	2020-21	6 months
	-	NTIFIC COMPUTING	5	ECE	6 January	2020-21	6 months
	_	ALS & SYSTEMS	8	ECE	6 January	2020-21	6 months
	_	Computing	4	ECE	6 January		6 months
	_	O STATE DEVICES	3	ECE	6 January		6 months
	VLSI		4	ECE	6 January		5 months
		ANCED CMOS VLSI	1	ECE	6 January		months
		ANCED DIGITAL DESIGN	2	ECE	6 January	-	months
		OG INTEGRATED CIRCUITS	2	ECE	6 January		months
					6 January		months
204	CIVIUS	S VLSI DESIGN	2	ECE	O January IANGA	LAM 00	,
					" H 1 2 7		

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26	65 DESIGN LAB 1 66 DESIGN LAB 2	2	ECE	6 January	2020-21	6 months
20		2	ECE	6 January	2020-21	6 months
26	DESIGN WITH ARM MICROCONTROLLERS	2		,	2020-21	6 months
	EMBEDDED OPERATING SYSTEM & RTOS		ECE	6 January	2020-21	6 months
26	88	2		·		o months
	9 RESEARCH METHODOLOGY		ECE	6 January	2020-21	6 months
27	0 VLSI TECHNOLOGY	2	ECE	6 January	2020-21	6 months
	1 Analytical methods in Engineering	2	ECE	6 January	2020-21	6 months
27	2 Industrial Training	8	CE	6 January	2020-21	6 months
27	3 Project Phase I	9	CE	6 January	2020-21	6 months
27	4 Project Phase II	9	CE	6 January	2020-21	6 months
271	5 Theory of Elasticity	9	CE	6 January	2020-21	6 months
276	6 Advanced construction	9	CE	6 January	2020-21	6 months
270	6 Advanced concrete Technology	9	CE	6 January	2020-21	6 months
277	Advanced Design of Concrete Structures	9			102021	O IIIOIILIIS
			CE	6 January	2020-21	6 months
270	Computer Application Lab	9	CE	6 January	2020-21	6 months
2/3	Construction methods & Equipments	9	CE	6 January	2020-21	6 months
790	Maintenace & Rehabilitation of Structures	9		Gundary	2020-21	6 months
280			CE	6 January	2020.21	C
	SEMINAR II	9	CE	6 January	2020-21	6 months
282	Structural Dynamics	6	CE	6 January	2020-21	6 months
283	Civil Engineering Drafting Lab	8	CE	6 January	2020-21	6 months
284	Advanced concrete technology	19	CE	6 January	2020-21	6 months
285	Civil Engineering drafting lab	9	CE		2020-21	6 months
	CIVIL ENGINEERING PROJECT	7	- 02	6 January	2020-21	6 months
286	MANAGEMENT		CE	0.1		
287	Computer Aided Civil Engineering Lab	28	CE	6 January	2020-21	6 months
	COMPUTER PROGRAMMING AND	6	CE	6 January	2020-21	6 months
288	COMPUTATIONAL TECHNIQUES		0.5			
289	Construction Technology	31	CE	6 January	2020-21	6 months
290	design of concrete structures	4	CE	6 January	2020-21	6 months
291	design of concrete structures I	4	CE	6 January	2020-21	6 months
292	design of concrete structures II	4	CE	6 January	2020-21	6 months
293	Design of hydraulic structures	5	CE	6 January	2020-21	6 months
294 (design of steel structures	<u>5</u> 8	CE	6 January	2020-21	6 months
295 [Design Project		CE	6 January	2020-21	6 months
296 E	Engineering mechanics	91	CE	6 January	2020-21	6 months
297 E	Environment & Pollution	5	CE	6 January	2020-21	6 months
298 E	Environmental Engineering I	8	CE	6 January	2020-21	6 months
299 F	Environmental Engineering II	30	CE	6 January	2020-21	6 months
300 F	invironmental Engineering Lab	8	CE	6 January	2020-21	6 months
301 F	nvironmental Impaact Assessment	20	CE	6 January	2020-21	6 months
302 e	nvironmental impact assessment	4	CE	6 January	2020-21	6 months
03 FI	luid Mechanics lab	20	CE	6 January	2020-21	6 months
04 51	luid mechanics I	7	CE	6 January	2020-21	6 months
	uid mechanics I	5	CE	6 January	2020-21	6 months
		9	CE	6 January	2020-21	6 months
07 6	eo environmental engineering	4	CE	6 January	2020-21	6 months
	eomatics	12	CE	6 January	2020-21	
US ge	eotechnical engineering I	15	CE	6 January		6 months
U9 ge	eotechnical engineering II	20	CE	6 January	2020-21	6 months
10 ge	eotechnical engineering lab	8	CE	6 January	2020-21	6 months
11 Gr	round Improvement techniques	8	CE		2020-21	6 months
12 Int	troduction to Civil Engineering	6	CE	6 January	2020-21	6 months
Int	troduction to sustainable engineering	12	OE .	6 January	2020-21	6 months
13		12	05			
L4 Ma	aterial testing lab	14	CE	6 January	2020-21	6 months
IS Ma	aterial testing lab II	14	CE	6 January	2020-21	6 months
6 M	echanics of solids	6	CE	6 January	2020-21	6 months
7 m	unicipal solid waste management	9	CE	6 January	2020-21	6 months
.8 Pro	piect waste management	4	CE	6 January		6 months
		117	CE	6 January		6 months
					-020-21	o months
9 Qu	antity Surveying and Valuation	9	CE	6 January		
9 Qu 0 Ser	minar & Project Preliminary uctural Analysis I	9	CE CE	6 January 6 January	2020-21	6 months 6 months

322 Structural Analysis II	0	0.5			
323 Structural Analysis III	8	CE	6 January	2020-21	6 months
324 Survey lab	9	CE	6 January	2020-21	6 months
325 Surveying	9	CE	6 January	2020-21	6 months
	5	CE	6 January	2020-21	
326 Traffic Engineering and Management	16	CE	6 January	2020-21	6 months
327 transportation engineering I	31	CE	6 January		6 months
328 Transportation Engineering II	22	CE		2020-21	6 months
329 transportation engineering lab	16	CE	6 January	2020-21	6 months
330 water resource engineering	0		6 January	2020-21	6 months
	8	CE	6 January	2020-21	6 months

PRINCIPAL IANGALAM COL' FGE GF ENGINEERING Ett mannor



CERTIFICATE

This is to certify that

ADITHYA A NAIR

student of

MANGALAM COLLEGE OF ENGINEERING

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

We wish you every success in all future endeavours.

Date: 7 JANUARY 2020

Director
TORC PHEOTECH

TORC INFOTECH

* TORC INFOTECH

*

PRINCIPAL IANGALAM COLLEGE OF ENGINEERING



CERTIFICATE

This is to certify that

ASHIK DAS TH

Student of MANGALALM COLLEGE OF ENGINEERING ETTUMANOOR

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

We wish you every success in all future endeavours.

Date: 14-06-2021

CIN:U72900KL2019PTC058909

WAYANAD DT.

Director TECHONE TECHNOLGIES PVT. LTD.

techonetechnologies@gmail.com



CERTIFICATE

This is to centify that

Dacena C Martin

Student of Mangalam College of Engineering, Ethumanoor

Has completed 5 cays internship training in anti-more arrangement from 2nd sine 2021 at Techcor Technologies, PV 1 or Wayarad During this intern period, we found him her a sincere, honest, hardworking, dedicated student with a professional knowledge. We wish you every success in all future endeavours.

Date: 1446-2021

CIN 1772900K1 20199T C058909

PANASAD DI P

Director
TECHONE TECHNOLGIES PVT LID

technical prograds of

PRINCIPAL tANGALAM COLLEGE OF ENGINEERING Elbaranoor Kerala State Electronics Development Corporation Ltd. (A Government of Kerala Undertaking)



ITBG - Knowledge Services Group

GSTIN: 32AABCK1319E4Z5

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

KSG/60/INTP/20-01/L4258

17.01.2020

CERTIFICATE

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

Name of the Student	Mr. ABIJITH BIJU			
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631			
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala			
Branch/Discipline of Study	B. Tech in Computer Science & Engineering			
Student's Registration No.	MLM19CS005			
Semester / Year of Study	1 st Semester			
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala – 686575, Kerala			
Online Portal Registration No.	KI010458			
Roll No./Register No.	K1960l110155			
Program Category	INTERNSHIP			
Period & Duration of the Program	03.01.2020 to 09.01.2020 (1 Week)			
Area of Exposure	Programming Fundamentals, Control Statements, Array. Strings, Functions, Structure			
Status	COMPLETED SUCCESSFULLY			

Authorized Signatory (Knowledge Services)

· Head of Centre Kellron Knowledge Centre Municipal Shopping Complex

NANGALAM COLLEGE OF ENGINEER NG

Regd Homes Rent of Yayare 68 fla Jambalam, Thiruvananthapuram, Kerala State, India. Pin: 695 033, Tel: 0471-4094444

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CERTIFICATE

This is to certify that

Adithya A Nair

Student of MANGALAM COLLEGE OF ENGINEERING

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

We wish you every success in all future endeavours.

Date: 14-06-2021

CIN:U72900KL2019PTC058909

WAYANAD DT.

Director
TECHONE TECHNOLGIES PVT. LTD.

techonetechnologies@gmail.com

ANGALAM COLLEGE ENGINEERING



CERTIFICATE

This is to certify that

CHANDRALEKHA.J

student of

MANGALAM COLLEGE OF ENGINEERING

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

We wish you every success in all future endeavours.

Date: 7 JANUARY 2020

Director
TORC INFOTECH

PRINCIPAL

ANGALAM COLLEGE ENGINEERING



CERTIFICATE

This is to certify that

ASHIK DAS TH

Student of MANGALALM COLLEGE OF ENGINEERING ETTUMANOOR

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

We wish you every success in all future endeavours.

Date: 14-06-2021

CIN:U72900KL2019PTC058909

WAYANAD DT

Director
TECHONE TECHNOLGIES PVT. LTD.

techonetechnologies@gmail.com

ANGALAM COLLEGE CHOMAN

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



ITBG - Knowledge Services Group GSTIN: 32AABCK1319E4Z5

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

KSG/60/INTP/20-01/L4259

17.01.2020

CERTIFICATE

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

Name of the Student	Mr. AMAL MOHANAN			
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631			
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala			
Branch/Discipline of Study				
Student's Registration No.	B. Tech in Computer Science & Engineering MLM19CS022			
Semester / Year of Study	1st Semester			
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala – 686575, Kerala			
Online Portal Registration No.	KI010466			
Roll No./Register No.	K1960I110156			
Program Category	INTERNSHIP			
Period & Duration of the Program	06.01.2020 to 12.01.2020 (1 Week)			
Area of Exposure	Programming Fundamentals, Control Statements, Array Strings, Functions, Structure			
Status	COMPLETED SUCCESSFULLY			

Authorized Signatory (Knowledge Services)

Head of Centre Kellron Knowledge Centre

Municipal Shopping Complex

Regd. Ottogain Spiking, Monteyan Devoorbalam, Thiruvananthapuram, Kerala State, India. Pin:695 033, Tel: 0471-4094444 Femp No. 45G/MIA/Tee 1/2 01/04 /019

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CERTIFICATE

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ASHIK DAS TH

Student of MANGALALM COLLEGE OF ENGINEERING ETTUMANOOR

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

We wish you every success in all future endeavours.

Date: 14-06-2021

CIN:U72900KL2019PTC058909

WAYAHAD DT.

Director
TECHONE TECHNOLGIES PVT. LTD.

techonetechnologies@gmail.com

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



ITBG - Knowledge Services Group

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17.01.2020

CERTIFICATE

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

Name of the Student	Ms. ANAHA BABU
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration No.	MLM19CS023
Semester / Year of Study	1 st Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P Road, Pala – 686575, Kerala
Online Portal Registration No.	KI010467
Roll No./Register No.	K1960l110157
Program Category	INTERNSHIP
Period & Duration of the Program	06.01.2020 to 12.01.2020 (1 Week)
Area of Exposure	Programming Fundamentals, Control Statements, Arrays, Strings, Functions, Structure
	COMPLETED SUCCESSFULLY

Authorized Signatory (Knowledge Services)

Head of Centre Keltron Knowledge Centre

nbalam, Thiruvananthapuram, Kerala State, India. Pin:695 033, Tet: 0471-4094444 Regd. Office Kesson Fides No Visit us at our website: http://www.keltron.org

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ASHIK DAS TH

Student of

MANGALALM COLLEGE OF ENGINEERING ETTUMANOOR

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

We wish you every success in all future endeavours.

Date: 14-06-2021

CIN:U72900KL2019PTC058909

WAYANAD DT. M.

Director
TECHONE TECHNOLGIES PVT. LTD.

techonetechnologies@gmail.com

ANGHAM COLLEGE OF ENCHVEERING

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ITBG - Knowledge Services Group GSTIN: 32AABCK1319E4Z5

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17.01.2020

CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the

Name of the Student	Mr. ALEN JOHNY
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tach in Canal
Student's Registration No.	B. Tech in Computer Science & Engineering MLM19CS019
Semester / Year of Study	1 st Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P. Road
Online Portal Registration No.	Pala – 686575, Kerala Kl010469
Roll No./Register No.	K1960l110159
Program Category	INTERNSHIP
Period & Duration of the Program	
Area of Exposure	06.01.2020 to 12.01.2020 (1 Week) Programming Fundamentals, Control Statements, Arrays Strings, Functions, Structure
Status	COMPLETED SUCCESSFULLY

Authorized Signatory (Knowledge Services)

> Head of Centre Keltron Knowledga Centre

Municipal Shopping Complex
Nagampadam, Kotlayam-686 001
Regd. Office: Keitron House, Vellayambalam, Thiruvananthapuram, Kerala State, India. Pin: 695 033, Tet 0471-4094444 Visit us at our website :http://www.keltron.org

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ARSHAD ABOOBAKER

Student of MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR, KOTTAYAM

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

We wish you every success in all future endeavours.

Date: 14-06-2021

CIN:U72900KL2019PTC058909

WAYANAD DT IN

Director
TECHONE TECHNOLGIES PVT, LTD.

techonetechnologies@gmail.com

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17.01.2020

CERTIFICATE

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

Name of the Student	MS ANANTHALANGUE				
Name & Address of the College/Institution at which the	Ms. ANANTHALAKSHMI R				
Student is Studying	Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala - 686631				
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala				
Branch/Discipline of Study	B. Tech in Company Company (KTU), Kerala				
Student's Registration No.	B. Tech in Computer Science & Engineering MLM19CS024				
Semester / Year of Study	1 st Semester				
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (60), Pulickakandathil Building, P.P. Road				
Online Portal Registration No.	Pala – 686575, Kerala KI010456				
Roll No./Register No.	K1960I110154				
Program Category	INTERNSHIP				
Period & Duration of the Program					
Area of Exposure	03.01.2020 to 09.01.2020 (1 Week) Programming Fundamentals, Control Statements, Array Strings, Functions, Structure				
Status	COMPLETED SUCCESSFULLY				

Authorized Signatory (Knowledge Services)

Head of Centre
Keltron Knowledge Centre
Municipal Shopping Complex
11 comp Sam, Kollayam-686 001

IANGALAM COLLEGE OF ENGINEERING

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ICT ACADEMY OF KERALA Certificate of Completion

This is to certify that

Luv Michael Surve

has successfully completed the 10-day Virtual Internship on

Machine Learning and Artificial Intelligence

organized by ICT ACADEMY OF KERALA

from 10-AUGUST-2020 to 19-AUGUST-2020

PRINCIPAL COLLEGE OF ENGINEE Santhosh Kurup

Chief Executive Officer









Ibssoftware





ICT ACADEMY OF KERALA

Certificate of Completion

This is to certify that

Joel Cyriac

has successfully completed the 10-day Virtual Internship on

Machine Learning and Artificial Intelligence

organized by ICT ACADEMY OF KERALA

from 10-AUGUST-2020 to 19-AUGUST-2020

PRINCIPAL IANGALAM DOLLEGE OF ENGINEERING



Santhosh Kurup
Chief Executive Officer









Ibssoftware





CERTIFICATE

This is to certify that

Devu V S

Student of

Mangalam College of Engineering, Ettumanoor, Kottayam

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

We wish you every success in all future endeavours.

Date: 14-06-2021

WAYANAD DT.

Director
TECHONE TECHNOLGIES PVT. LTD.

CIN:U72900KL2019PTC058909

techonetechnologies@gmail.com

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CERTIFICATE

This is to certify that

ABHISHEK HR

Student of MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR

Has completed 5 days internship training in ANDROID APP DEVELOPMENT from 2nd june 2021 at Techone Technologies Pvi Lad. Wayanad During this intern period, we found him/her a sincere, honest, hardworking, dedicated student with a professional attitude along with a very good professional knowledge.

We wish you every success in all future endeavours.

Date: 14-06-2021

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WAYANAD DT M

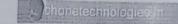
Director
TECHONE TECHNOLGIES PUT 1 TO

CIN:U72900KL2019PTC058909

techonetechnologies@gmail.com







This is to certify that

Aravind P

Student of MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR

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

We wish you every success in all future endeavours.

Date: 14-06-2021

CIN:U72900KL2019P1C058909

WAYANAD DT

Director
TECHONE TECHNOLGIES PVT. LTD.

techonetechnologies@gmail.com

PRINCIPAL ENGINEERING



CERTIFICATE

This is to certify that

HARSHA WILSON

Student of MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR

Has completed 5 days internship training in ANDROID APP DEVELORMENT from 2nd june 2021 at Techone Technologies Pvt Ltd, Wayanad During this intern period, we found him/her a timetre, honest, hardworking dedicated student with a professional unitade along with a very good professional knowledge.

We wash you every success in all fisture embraviors.

Date: 14-06-2021

MANANADOT

Director
TECHONE TECHNOLOGIES PVT. LTD

CIN 1/729008.1.2019PICO58909 MNGALAM

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Reg No: K2/3344998/2021/CRUTIOMPA

CERTIFICATE OF INTERNSHIP

awarded to

ASHA BHADRA S KUMAR

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 : ASIG1110 Antony Francis Rajan

Managing Partner Alphasys 3D Printing Solutions East Marady, Muvattupuzha



ALPHASYS 3D PRINTING SOLUTIONS

Rea No. K2/3344998/2021/CRUTIOMPA

CERTIFICATE OF INTERNSHIP

awarded to

ASWATHY SASIKUMAR

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 : ASIG1055 W

Antony Francis Rajan

Managing Partner Alphasys 3D Printing Solutions East Warady, Muvattupuzha



ALPHASYS 3D PRINTING SOLUTIONS

Reg No: K2/3344998/2021/CRUTIOMPA

CERTIFICATE OF INTERNSHIP

awarded to

ASWATHY SASIKUMAR

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 : ASIG1055



Antony Francis Rajan

Managing Partner

Alphasys 3D Printing Solutions East Morady, Muvaltupuzha



CERTIFICATE OF APPRECIATION

This is to certify

Ms. Ganga P Chandran

For meritoriously completing internship with Tidbeat as ASSOCIATE SOFTWARE TRAINEE starting from 13th April, 2021 to 8th July, 2021.

All the best!

Date 8th JULY, 2021 Director A Aditha Paldy

A. Achitha Reddy

PRINCIPAL

IANGALAM COLLEGE OF ENGINEERING

ENGINEERING



Certificate Of Internship

This is to certify that

Aswathy N

Has successfully completed an Internship as Campus Leader at Techlearn.live from 31st December 2021 to 31st January 2022, with exceptional leadership skills and team management.

Anant Chaturvedi Head Of Marketing

TechLearn.live



Date: 25/03/2021

TO WHOM IT MAY CONCERN

This is to certify that Mr. Jobin Jose, (S/o Jose, Kizhakkekalayil, Kuruppanthara, Manjoor P.O, Kottayam - 686603) having the university registration number: MLM18CS056, B. Tech. Computer Science Engineering Student at Mangalam College of Engineering, Ettumanoor has successfully completed a three-month internship program in "Web & Mobile App Development" at ACNOVE IT SOLUTIONS PVT LTD, Kochi from 02/11/2020 to 22/02/2021.

His performance was extremely satisfactory during the internship.

For Acnove IT Solutions Pvt Ltd

Prabhul Sankar K S Director KOCHI 682 041 *

Registered Office: Acnove IT Solutions Pvt Ltd, 49/1755L, Arakkal (H), Illathuparambu Road AIMS, Ponekkara, Kochi, India 682041

CIN: U72200KL2018PTC053713 | www.acnove.com | info@acnove.com | +91-85900 41936

MANGALAM C



THE SPARKS FOUNDATION

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CERTIFICATE OF COMPLETION

This Certificate is presented to

Sreelakshmi a M

for an outstanding contribution during the session (May 2021 - Jun 2021) of Graduate Rotational Internship Program at The Sparks Foundation on 01-Jun-2021.



Certificate Number: VGRQ6UPDXH

Verification at: https://truecertificates.com/verification/ Transule .

ANGALAM COLLEGE OF ENGINEERING



Suven Consultants & Technology Pvt. Ltd.

Official member to



CERTIFICATE OF INTERNSHIP

This is to certify that Sreelakshmi A M has successfully completed 2 weeks (or 70 hrs) Machine Learning Coding Internship.

- 1) Building Chatbot for Online Food Ordering
- 2) Building Chat-bot for emulating Lab Coordinator at Diagnostics center

The projects were assessed by Al Engine trained by mentors as listed on https://mentor.suvenconsultants.com

Your performance was Noteworthy - The Online Internship, Wishing you all the best for more internships and a great career.

Your Internship Profile can be viewed on https://internship.suvenconsultants.com/user?u=Y3JIYXRpdmVmZWxsb3dzcmVIMjIyQHNjdHBs

Date of Issue: 01-02-2021

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Domain Expert: Rocky Jagtiani Technical Head - SCTPL https://suvenconsultants.com

Domain Expert: Nital Sharms UI/UX expert and Software Engineer **NeoSOFT Technologies**

Domain Expert: Tarik Sheth MCP.HP(AIS), CSTE, CSQA, CSTM VP(in Investment Banking MNC)

Companies Recruiting

























CERTIFICATE OF COMPLETION

Certified that Ms. Sreelakshmi A M, student of Mangalam College of Engineering, Ettumanoor, Kerala has successfully completed Three Months Internship Training Programme on "Python Django Framework" offered by CAMINO INFOTECH Pvt. Ltd from 05.04.2021 to 10.07.2021.

MANGALAM O

Authorized Signatory

Camino Infotech CUSAT PO Kalamassery, Kochi, Ernakulam





Mangalam College of Engineering, Ettumanoor, Kerala has successfully completed Three Month Industrial Training Programme on "Python Django Framework" offered by CAMINO INFOTECH Pvt. Ltd from 09-11-2020 to 12-02-2021. During the period of her internship programme with us she was found punctual, hardworking and inquisitive.

Authorized Signatory

Cusat PO Kalamassery, Kochi, Ernakulam





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CERTIFICATE OF COMPLETION

This Certificate is presented to

for an outstanding contribution during the session (Aug 2020 - Sep 2020) of Graduate Rotational Internship Program at The Sparks Foundation on 18-Sep-2020.



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COLLABORATIVE PARTNERS

MANAGING DIRECTOR



Date. 26/09/2020

IO WHOM IT MAY CONCERN

This is to certify that Ms. Aishwarya Suresh, (Effickal House, Pulickalkavala P.O. Kottayam, Kerala) having the university registration number. MLM18CS004, B. Tech. Computer Science Engineering. Student at Mangalam College of Engineering, Ettumanoor has successfully completed a one month internship program in "Web Development" at ACNOVE IT SOLUTIONS PVT LTD, Kochi from 26/08/2020 to 25/09/2020.

For Acnove IT Solutions Pvt Ltd

Prabhul Sankar K S Director SOLUTIONS PLACE TO CHILD SOLUTIONS PARENTED TO CHILD SOLUTIONS PARENTED TO CONCENTRARE PARENTED TO CON

PRINCIPAL PRINCIPAL ANGALAM COLLEGE OF ENGINEERING Ettumanoor

Registered Office: Acnove IT Solutions Pvt Ltd, 49/1755L, Arakkal (H), Illathuparambu Road AIMS, Ponekkara, Kochi, India 682041

CIN: U72200KL2018PTC053713 | www.acnove.com | info@acnove.com | +91-85900 41936





College of Engineering, Ettumanoor, Kerala has successfully completed 15 Days Internship programme on "Machine Learning" offered by CAMINO INFOTECH Pvt.Ltd from 24-04-2021 to 08-05-2021.

Authorized Signatory

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Camino Infotech CUSAT PO Kalamassery, Kochi, Ernakulam

ANGALAM COLLEGE OF ENGINEERING







College of Engineering, Ettumanoor, Kerala has successfully completed *15 Days* Internship programme on "Machine Learning" offered by CAMINO INFOTECH Pvt.Ltd from 24-04-2021 to 08-05-2021.

Authorized Signatory

Camino Infotech CUSAT PO Kalamassery, Kochi, Ernakulam



ANGALAM COLLEGE OF ENGINEERING





Certified that Ms. Aswathy T S, student of Mangalam College of Engineering, Ettumanoor, Kerala has successfully completed 15 Days Internship programme on "Machine Learning" offered by CAMINO INFOTECH Pvt.Ltd from 24-04-2021 to 08-05-2021.



Authorized Signatory

Tylling.

Camino infotech CUSAT PO Kalamassery, Kochi, Ernakulam



SANGALAM POLYEGE OF ENGINEERING



MAGOIN PRIVATE LIMITED

45-C, Muttar P O, Alappuzha-689574, Kerala, India Phone: 8129880560/ 9400376354 Email: magoin2019@gmail.com

Magoin/certificates/r&d/2020/97

26/12/2020

CERTIFICATE

Subject: Research Internship Training

This is to certify that Mr. John T M, 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

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ANGALAM COLLEGE OF ENGINEERING



TORC INFOTECH OLD ROAD, KALAMASSERY KOCHI, KERALA

SL NO: TOR7X633

TO WHOMSEVER IT MAY CONCERN

This is to certify that AKHIL KURIAN, a student of MANGALAM COLLEGE OF ENGINEERING has completed a 15-day internship training in CYBER SECURITY & ETHICAL HACKING with INDUSTRIAL 4.0 from April 27, 2021 at TORC INFOTECH PVT LTD, Kochi. During this intern period, We found him a sincere, honest, hardworking and dedicated student with a professional attitude who is proactive and is constantly looking to improve his skillset. We also observed that he is skilled at his field.

We wish him every success in all future endeavours

MANGALAM COLLECTION OF ENGINEERING

ABHI KRISHNA H CEO TO THE CHILD OF TH

Date Signed



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TORC INFOTECH OLD ROAD, KALAMASSERY KOCHI, KERALA

SL NO: TOR7X631

TO WHOMSEVER IT MAY CONCERN

This is to certify that ALAN SEBASTIAN XAVIER, a student of MANGALAM COLLEGE OF ENGINEERING has completed a 15-day internship training in CYBER SECURITY & ETHICAL HACKING with INDUSTRIAL 4.0 from April 27, 2021 at TORC INFOTECH PVT LTD, Kochi. During this intern period, We found him a sincere, honest, hardworking and dedicated student with a professional attitude who is proactive and is constantly looking to improve his skillset. We also observed that he is skilled at his field.

We wish him every success in all future endeavours

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ABHI KRISHNA H CEO



Date Signed





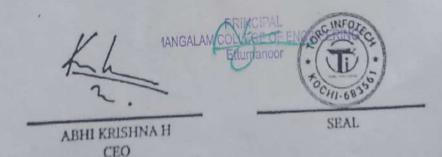
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SI NO TOREX621

TO WHOMSEVER IT MAY CONCERN

This is to certify that ADITHYA PRADEEP, a student of MANGALAM COLLEGE OF ENGINEERING has completed a 15-day internship training in CYBER SECURITY & ETHICAL HACKING with INDUSTRIAL 4.0 from April 27, 2021 at TORC INFOTECH PVT LTD, Kochi. During this intern period, We found her a sincere, honest, hardworking and dedicated student with a professional attitude who is proactive and is constantly looking to improve her skillset. We also observed that she is skilled at her field.

We wish her every success in all future endeavours









TORC INFOTECH OLD ROAD, KALAMASSERY KOCHI, KERALA

SL NO: TOR7X632

TO WHOMSEVER IT MAY CONCERN

This is to certify that ABIN BABY, a student of MANGALAM COLLEGE OF ENGINEERING has completed a 15-day internship training in CYBER SECURITY & ETHICAL HACKING with INDUSTRIAL 4.0 from April 27, 2021 at TORC INFOTECH PVT LTD, Kochi. During this intern period, We found him a sincere, honest, hardworking and dedicated student with a professional attitude who is proactive and is constantly looking to improve his skillset. We also observed that he is skilled at his field.

We wish him every success in all future endeavours

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ABHI KRISHNA H CEO



Date Signed



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TORC INPOTECH OLD ROAD, KALAMASSERY KOCHI, KERALA

SL NO: TOR7X619

TO WHOMSEVER IT MAY CONCERN

This is to certify that ABEL DAVID RAJAN, a student of MANGALAM COLLEGE OF ENGINEERING has completed a 15-day internship training in CYBER SECURITY & ETHICAL HACKING with INDUSTRIAL 4.0 from April 27, 2021 at TORC INFOTECH PVT LTD, Kochi. During this intern period, We found him a sincere, honest, hardworking and dedicated student with a professional attitude who is proactive and is constantly looking to improve his skillset. We also observed that he is skilled at his field.

We wish him every success in all future endeavours

PRINCIPAL DE GINEERING Ettumanoor

ABHI KRISHNA H CEO CA11- 58350

Date Signed

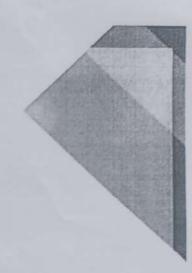
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M





Certified that Ms. Aswathy S, student of Mangalam College of Engineering, Ettumanoor, Kerala has successfully completed *15 Days* Internship programme on "Machine Learning" offered by CAMINO INFOTECH Pvt.Ltd from 24-04-2021 to 08-05-2021.

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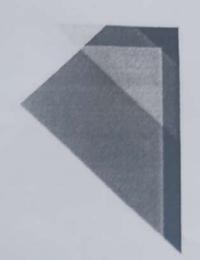
Authorized Signatory

Camino Infotech CUSAT PO

Kalamassery, Kochi, Ernakulam

ANGALAM COLLEGE OF EN





Certified that Ms. Aswathy Sasikumar, student of Mangalam College of Engineering, Ettumanoor, Kerala has successfully completed *15 Days* Internship programme on "Machine Learning" offered by CAMINO INFOTECH Pvt.Ltd from 24-04-2021 to 08-05-2021.

Authorized Signatory

Camino Infotech CUSAT PO Kalamassery, Kochi, Ernakulam

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College of Engineering, Ettumanoor, Kerala has successfully completed 15 Days Internship programme on "Machine Learning" offered by CAMINO INFOTECH Pvt.Ltd from 24-04-2021 to 08-05-2021.

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Camino Infotech CUSAT PO Kalamassery, Kochi, Ernakulam



ANGALAM GOLLEGE OF ENGINEERING



College of Engineering, Ettumanoor, Kerala has successfully completed 15 Days Internship programme on "Machine Learning" offered by CAMINO INFOTECH Pvt.Ltd from 24-04-2021 to 08-05-2021.

Authorized Signatory

Camino Infotech CUSAT PO Kalamassery, Koc

Kalamassery, Kochi, Ernakulam

PRINCIPAL ANGALAM COLLEGE OF ENGINEERING



Certified that Ms. Anumol Sajan, student of Mangalam

College of Engineering, Ettumanoor, Kerala has successfully completed 15 Days Internship programme on "Machine Learning" offered by CAMINO INFOTECH Pvt.Ltd from 24-04-2021 to 08-05-2021.

Authorized Signatory

Camino Infotech CUSAT PO

Kalamassery, Kochi, Ernakulam

Letter of Completion

October 8th, 2021

This is to certify that Ms. Ganga P Chandran, has successfully completed her 5-month Internship at Content-Whale as a Content Writer from 11th April, 2021 till 30th September, 2021.

During her tenure with our organization, she was responsible for writing creative content in terms of SEO, Blogs, Business writing and advertisements. She was also responsible for writing for our international clients and following the instructions provided.

She participated in performing her work with determination and sincerity and successfully catered 24 clients in her tenure.

She was found to be quite devoted, motivated, professional, hard-working and an innovative person towards her work. We wish her great success in her career and life.

Warm Regards,

Tejas Deshmukh
HR
(Content-Whale)
www.content-whale.com

PRINCIPAL

ANGALAM COLLEGE OF ENGINEERING

Ettumanoor

Content-Whale

Company GST. No.- 23DJVPK9784E1ZH
Corporate Office: 222, Kopri village road, Sector 28, Vashi, Navi Mumbai





College of Engineering, Ettumanoor, Kerala has successfully completed 15 Days Internship programme on "Machine Learning" offered by CAMINO INFOTECH Pvt.Ltd from 24-04-2021 to 08-05-2021.

Authorized Signatory

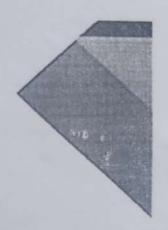
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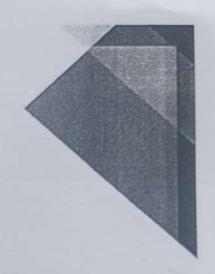


Certified that Ms. Archana P Udayan, student of Mangalam College of Engineering, Ettumanoor, Kerala has successfully completed 15 Days Internship programme on "Machine Learning" offered by CAMINO INFOTECH Pvt.Ltd from 24-04-2021 to 08-05-2021.



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College of Engineering, Ettumanoor, Kerala has successfully completed *15 Days* Internship programme on "Machine Learning" offered by CAMINO INFOTECH Pvt.Ltd from 24-04-2021 to 08-05-2021.

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Camino Infotech CUSAT PO Kalamassery, Kochi, Ernakulam



PRINCIPAL PRINCIPAL ANGALAM COLLEGE OF ENGINEERING ENUMEROOF





Certified that Ms. Alswarya Saji, student of Mangalam College of Engineering, Ettumanoor, Kerala has successfully completed 15 Days Internship programme on "Machine Learning" offered by CAMINO INFOTECH Pvt.Ltd from 24-04-2021 to 08-05-2021.

Authorized Signatory

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Camino Infotech CUSAT PO Kalamassery, Kochi, Ernakulam



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CERTIFICATE OF COMPLETION

Certified that Ms. Elizabeth K Jacob, student of Mangalam College of Engineering, Ettumanoor, Kerala has successfully completed 15 Days Internship programme on "Machine Learning" offered by CAMINO INFOTECH Pvt.Ltd from 24-04-2021 to 08-05-2021.

Authorized Signatory

The state of

Camino Infotech CUSAT PO Kalamassery, Kochi, Ernakulam

PRINCIPAL ANGALAM COLLEGE OF ENGINEERING Etumanoor





To:

The Principal
Mangalam College of Engineering
Ettumanoor, Kottayam

SUBJECT: INTERNSHIP TRAINING B.TECH (CIVIL) STUDENT NITHEESH P ARUN (MLM19CI:056)

Sir/Madam

The above named B.Tech Civil student of your college has undergone internship training at our various projects for the period from, 24 December 2021 to 02 January 2022. This student has shown keen interest towards various construction methods and modern technology. We wish him all the best in his studies and future endeavors.

Nilambur 02 January 2022

Authority Signature

ANGALAM COLLEGE OF ENGINEERING

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.Parvathy Krishna, student of second semester B.Tech Civil Engineering of MANGALAM COLLEGE OF ENGINEERING has been successfully undergone practical training from 02nd July 2018 to 6th July 2018 (5 days) under the supervision of this office for the partial fulfillment of her B.Tech curriculam.

Gandhinagar 09.07.2018



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



PUBLIC WORKS DEPARTMENT ROADS SUB DIVISION, THIRUVALLA

PM-489101

CERTIFICATE

This is to certify that Ms. Jetcy Elizabeth Philip, 2rd Semester, Civil Engineering Student of Mangalam College of Engineering, Vettimukal .P.O, Ettumanoor, Kottayam has been successfully Completed 5 days Internship Training from 92/07/2018 to 06/07/2018 under this Office.

Thiruvalla, 10-07-2018



Assistant Executive Engineer

Assistant Executive Engineer

*. W. D. (Roads) Sub Dinier

Thomas

TANGALAN CONTRACTOR ENGINEERING

CERTIFICATE

This is to certify that Mr. Timothy Ninan Thomas, Vanjipathra Puthenpurayil, Kadapra P.O., Kumbanad, Thiruvalla, Pathanamthitta Dist, Kerala 689 547 was working as Site Supervisor in our Construction Company from 22/07/2019 to 26/07/2019

He has supervised our PWD Job of Kumbanad - Arattupuzha Road . He was maintaining good support with officials and co-operative with colleagues.

PRASAD MATHEW

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PUBLIC WORKS DEPARTMENT ROADS SUB DIVISION, THIRUVALLA

PIN-689101

CERTIFICATE

This is to certify that Ms. Kavya Prakash, 2nd Semester,
Civil Engineering Student of Mangalam College of Engineering,
Vettimukal .P.O, Ettumanoor, Kottayam has been successfully
Completed 5 days Internship Training from 02/07/2018 to
06/07/2018 under this Office.

Thiruvalla, 10-07-2018



Assistant Executive Engineer
Assistant Executive Engineer
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Valorieralla

IANGALAN ENGINEERING

Office of the Asst. Executive Engineer PWD Special Buildings Sub Division Gandhinagar P.O., Kottayam- 620008. Ph: 0481 2597218 Pwdsplbldgs@gmail.com,

CERTIFICATE

Certified that Miss. Prajitha Prakash, 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



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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. Theressa Sebastian, 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 GANDHI NAGA P DU KOTTAYAN-E

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PWD SPL Ruildings Sub Division
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PUBLIC WORKS DEPARTMENT

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

CERTIFICATE

Certified that Miss. Minnu Biju, 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

Gandhinagar 27.06.2018

Assistant Executive Engineer PWD SPL Buildings Sub Divisioneer Gandhinagar P.O., Kottayan - 8

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PUBLIC WORKS DEPARTMENT

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

CERTIFICATE

Certified that Miss Mariya Jose, 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

Gandhinagar 27.06.2018

Assistant Executive Photheer PWD SPL Buildings Sub Division Gandhinage CO Kottavam - P

Gandhinagar 27.06.2018

Assistant Executive Photheer PWD SPL Buildings Sub Division Gandhinage CO Kottavam - P

Assistant Executive Photheer PWD SPL Buildings Sub Division Gandhinage CO Kottavam - P

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Na 217-2058

INDUSTRIAL TRAINING CERTIFICATE

The is to certify that Mr. Jaho Abrham James (Reg No. MLM17CE059) pursuing his 2" atmenter & Tech in Civil Engineering from Managatem College of Engineering, Estomanous, acceptant has completed an industrial Training at Asset Homes Pvt Ltd from 10 07 2018 to 18 07 7016

The project violed and undertaken by him for these 5 days was Asset Chrisbelle & Carol

the worked well as part of his trucking and submitted the report to us. The report on evaluation tustion all the stated criteria i hereby cartify that his work was good to the hest of the appealedge.

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MANOALS MODILEDE OF ENGINEERING

24.07.2018

INDUSTRIAL TRAINING CERTIFICATE

This is to certify that Mr. Stanly John (Reg No. MLM17CE096) pursuing his 2nd semester B Tech in Civil Engineering from Mangalam College of Engineering, Ettumanoor, Kottayam has completed an Industrial Training at Asset Homes Pvt Ltd from 10.07.2018 to 14.07.2018.

The project visited and undertaken by him for these 5 days was Asset Chrisbelle & Carol

He worked well as part of his training and submitted the report to us. The report on evaluation fulfills all the stated criteria. I hereby certify that his work was good to the best of my knowledge.

For Asset Hanney Wimited

Seema avadevan

Sr. Manager - HR & Admin

PRINCIPAL PRINCIPAL SERVING

Responsibly Yours

24.07.2018

INDUSTRIAL TRAINING CERTIFICATE

This is to certify that Mr. Prasanth N.P (Reg No. MLM17CE081) pursuing his 2nd semester B Tech in Civil Engineering from Mangalam College of Engineering, Ettumanoor, Kottayam has completed an Industrial Training at Asset Homes Pvt Ltd from 10.07.2018 to 14.07.2018.

The project visited and undertaken by him for these 5 days was Asset Chrisbelle & Carol.

He worked well as part of his training and submitted the report to us. The report on evaluation fulfills all the stated criteria. I hereby certify that his work was good to the best of my knowledge.

For Asset Hambs Ryt Limited

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PRINCIPAL PROMEERING

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

pwdsplbldgs@gmail.com.

CERTIFICATE

of MANGALAM COLLEGE OF ENGINEERING has been successfully undergone practical training from 02nd July 2018 to 6th July 2018 (5 days) under the supervision of this office for the partial fulfillment of her B.Tech curriculam.

Gandhinagar 09.07.2018



Assistant Executive Engineer

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

PUBLIC WORKS DEPARTMENT

Office of the Asst. Executive Engineer PWD Special Buildings Sub Division Clandhinagar.P.O., Kottayam 686008 Ph. 0481 2597218 pwdspibldgs@gmail.com.

CERTIFICATE

Certified that Miss. Neenu Vijayan student of second semester Civil Engineering of Mangalam College of Engineering. Ettumanoor has successfully completed the internship from 9th July 2018 to 13th July 2018 (5 days) under the supervision of this office for the partial fulfillment of her B Tech curriculam.

Gandhinagar 16.07.2018



Assistant Executive Engineer

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

ANGALAN COLLEGE ST. SHOWEERING

PUBLIC WORKS DEPARTMENT

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

CERTIFICATE

Certified that Miss. Lekshmi priya Anil student of second semester Civil Engineering of Mangalam College of Engineering. Ettumanoor has successfully completed the internship from 9th July 2018 to 13th July 2018 [5 days] under the supervision of this office for the partial fulfillment of her B.Tech curriculam.

Gandhinagar 16.07.2018



Assistant Executive Engineer
Assistant Executive Engineer
PWD SPL Buildings Sub Division
Gandhinagar 5 O. Kottayam - 8

PRINCIPAL TOE OF ENGINEERING



KERALA WATER AUTHORITY

Office of the Executive Engineer

Project Division, Adone

Phone: - 04734-224839

e mall pdadoor@gmail.com

DATE 12.07.2018

TWATAL LICENSTRIES

TO WHOM IT MAY CONCERN

This is to certify that Miss, Merrin Jose [Reg. No. MLM17CE069] student of second semester Civil Engineering, Mangalam College of Engineering, Ettumanoor, Kettavara 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, ADDDS

24.07.2018

INDUSTRIAL TRAINING CERTIFICATE

This is to certify that Mr. Yadhu Krishnan K.M (Reg No. MIM17CE103.) pursuing his 2 semester B. Tech in Civil Engineering from Mangalam College of Engineering, Ettumanoor, Kottayam has completed an Industrial Training at Asset Homes Pvt Ltd from 10.07.2018 to 14.07.2018.

The project visited and undertaken by him for these 5 days was Asset Chrisbelle & Carol.

He worked well as part of his training and submitted the report to us. The report on evaluation fulfills all the stated criteria. I hereby certify that his work was good to the best of my knowledge.

For Asset Hornes PAL Smited

Seema Javadevan

Sr. Manager - HR & Admin

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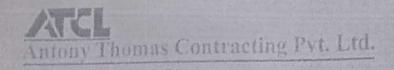
CERTIFICATE

This is to ceruly that Sri Assen Javan, Francis Joseph, Nandhu Pradeep, Jithin Somarajan, R. Rajat, J. Anand Sankar and Thomas Siby, 2nd semester B. Tech students of Mangalam College of Engineering has attended the construction site of building for Architecture Block at Rajar Gandhi Insutute of Technology Kottayam from 02.07, 2018 to 06.07, 2018 as part of internship. This cerulicate is issued as requested by the students for submitting to the college authorities.



സമികുമാർ കെ. ജി. മാസ്ത്രൻ എത്തിതിൽ പൊതുമരാത്ത് വലൂർ കേട്ടിട സിത്രം തെലൂർ

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23/1883 A. (46/3607), Adapplity Road

Vennals, Kochi - 682 028 Phone : 0484 - 2809051

Email alengg@gmail.com

23-07-2018

To,

The Principal

Mangalam College of Engineering

Ettumanoor

SUB: INTERNSHIP COMPLETION LETTER

We are glad to inform you that Mr. Sherin Skaria (MLM17CE091) from Mangalam College of Engineering, Ettumanoor, Kottayam, has successfully completed his internship in our site St. Mary's Church, Parel, Changanassery from 28th June 2018 to 3rd July 2018.

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

Office of the Asst. Executive Engineer PWD Special Buildings Sub Division Gendhinagar.P.O., Kottayam- 686008 Ph. 0481 2597218 pwdsplbldgs agmail.com.

CERTIFICATE

Certified that Miss. Meenu P Prasad, student of second semester B.Tech Civil Engineering of MANGALAM COLLEGE OF ENGINEERING has been successfully undergone practical training from 02nd July 2018 to 6th July 2018 (5 days) under the supervision of this office for the partial fulfillment of her B.Tech curriculam.

Gandhinagar 09.07.2018



Assistant Executive Engineer

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

MIGAL AN



PUBLIC WORKS DEPARTMENT ROADS SUB DIVISION, THIRUVALLA

PIN-689101

CERTIFICATE

This is to certify that Ms. Sarah Mariam Abraham, 2nd Semester, Civil Engineering Student of Mangalam College of Engineering, Vettimukal .P.O, Ettumanoor, Kottayam has been successfully Completed 5 days Internship Training from 02/07/2018 to 06/07/2018 under this Office.

Thiruvalla, 10-07-2018



Assistant Executive Engineer

ASSISTANT EXECUTIVE ENGINEER CONTROL

(. W. D. (Roads) Sub Dirich

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PUBLIC WORKS DEPARTMENT ROADS SUB DIVISION, THIRUVALLA

PIN-689101

CERTIFICATE

This is to certify that Ms. Priya Venugopal, 2nd Semester, Civil Engineering Student of Mangalam College of Engineering, Vettimukal .P.O, Ettumanoor, Kottayam has been successfully Completed 5 days Internship Training from 02/07/2018 to 06/07/2018 under this Office.

Thiruvalla, 10-07-2018



Assistant Executive Engineer
Assistant Executive Engineer
P. W. D. (Roads) Sub Divide
Whirtwalle

CHILL WORKS DEPARTMENT

Office of the Asst. Executive Engineer PWD Special Buildings Sub-Drivers Gandhinagar.P.O., Koffayam-68608
Ph: 0481-259721
pv:dspibldes@amail.com

CERTIFICATE

Certified that Miss. Jayalekshmi S.J., student of second semester B.Tech Chengineering of MANGALAM COLLEGE OF ENGINEERING has been successfully undergor practical training from 02nd July 2018 to 6th July 2018 (5 days) under the supervision of the office for the partial fulfillment of her B.Tech curriculam.

Gandhinagar 09.07.2018



Assistant Executive Engineer

Assistant Executive Engineer
PWD >PL Buildings Sub Division
'sandninagar P.O. Kuttayam - 8

A ...

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

CERTIFICATE

Certified that Miss. Sneha Punnoose student of second semester Civil Engineering of Mangalam College of Engineering. Ettumanoor has successfully completed the internship from 9th July 2018 to 13th July 2018 (5 days) under the supervision of this office for the partial fulfillment of her B Tech curriculam.

Gandhinagar 16.07.2018



Assistant Executive Engineer
Assistant Executive Engineer
PWD SPL Buildings Sub Division
Jandninggar P.O. Kottayam - 81

OF ENGINEERING

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.Parvathy Krishna, student of second semester B.Tech Civil Engineering of MANGALAM COLLEGE OF ENGINEERING has been successfully undergone practical training from 02nd July 2018 to 6th July 2018 (5 days) under the supervision of this office for the partial fulfillment of her B.Tech curriculam.

Gandhinagar 09.07.2018



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



PUBLIC WORKS DEPARTMENT ROADS SUB DIVISION, THIRIUVALLA

PM-489101

CERTIFICATE

This is to certify that Ms. Jetcy Elizabeth Philip, 2"
Semester, Civil Engineering Student of Mangalam College of
Engineering, Vettimukal .P.O, Ettumanoor, Kottayam has been
successfully Completed 5 days Internship Training from 02/07/2018
to 06/07/2018 under this Office.

Thiruvalla, 10-07-2018



Assistant Executive Engineer
ALLEMAN Executive Engineer

7. W. D. (Reads) Sub Divise

Thomas R.

ENGINEERING



PUBLIC WORKS DEPARTMENT ROADS SUB DIVISION, THIRUVALLA

PIN-689101

CERTIFICATE

This is to certify that Ms. Kavya Prakash, 2nd Semester,
Civil Engineering Student of Mangalam College of Engineering,
Vettimukal .P.O, Ettumanoor, Kottayam has been successfully
Completed 5 days Internship Training from 02/07/2018 to
06/07/2018 under this Office.

Thiruvalla, 10-07-2018



Assistant Executive Engineer

Whiruvelle

CERTIFICATE

This is to certify that Mr. Timothy Ninan Thomas, Vanjipathra Puthenpurayil, Kadapra P.O., Kumbanad, Thiruvalla, Pathanamthitta Dist, Kerala 689 547 was working as Site Supervisor in our Construction Company from 22/07/2019 to 26/07/2019.

He has supervised our PWD Job of Kumbanad - Arattupuzha Road . He was maintaining good support with officials and co-operative with colleagues.

PRASAD MATHEW

ANGALA / COU

0

DEPARTMENT OF MANAGEMENT

MANGALAM COLLEGE OF ENGINEETING, KOTTAYAM



This is to county than this Internation Report is a bonafide record of the work done By NANDANA NANDARUMAR (Reg No : MLM19MBA60) as a part of the Internship work during the Third transster at keltran Cantrols. Lad in partial pulfillment of the requirements for the neard of the degree of MASTER OF BUSINESS ADMINISTRATION of A P J Abdul Kalum Technological University, Thirusangulhopseum Under the guidance of Ms.FATHIMA SHIRIN SHAJI, Assistant Professor, Mangalum College of Engineering, Ettumanour,

kottayam

Faculty Guide

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Paramore IV Come All St. To though an Colors of Estate Faster Dean of Department

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editor and Bourges So

Head of Department

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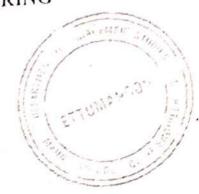
IANGALAM COLLEGE OF ENGINETRING

Etturnancor

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING

ETTUMANOOR **KOTTAYAM**





CERTIFICATE

This is to certify that the summer internship report the outcome of the original study carried out at United Electrical Industries Ltd, Kollam by Vyshakh P.B(Reg. No MLM19MBA90). Third trimester MBA student of this institution in partial fulfilment of the requirement of the degree of Master of Business Administration of Dr A P J. Abdul Kalam Technological University Thiruvananthapuram ,under the guidance of Mrs.FATHIMA SHIRIN SHAJI, Assistant professor, Mangalam College Of Engineering, Ettumanoor, Kottayam.

Faculty Guide

Assistant Professor Sapariment of Management Studies, Mangalam College of Engineering,

Stamenoor, Kerthyam

Prof. John Pana 30 Pris Ms. FATHIMA SHIRIN SHAJI Daun, Department of Manager of Chicago Mangalan elleys ul . . meetin L Francisco, in 190

Professor and Head

DR SIBUC CHITHBAN WBA, M. Pot, FBP IIM C. PER Clarity Frot. 3 Head, Deut, of Management Ste bar

Mangalam College Dr Engineering

PRINCIPAL MANGALAM COLLEGE OF ENGINEERING Ettumanoor

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR KOTTAYAM



CERTIFICATE

This is to certificate that the summer internship entitled report the outcome of the original study carried out at ALLIED COATING INDUSTRY, Ernakulam by SARITHA SURESH (Reg. No: MLM19MBA73). Third trimester MBA student of the institution in partial fulfillment of the requirement of the degree of Master of Business Administration of A.P.J Abdul Kalam Technological University Thiruvananthapuram, under the guidance of Mrs. JEENU MATHEW Assistant Professor, Department of Management Studies, Mangalam College of Engineering

Ettumanoor, Kottayam.

Faculty Guide

Ms. IEENU MATHEN American Professor Edineat Of Management Soudles Malain College Of English ring Edinmanon Pollayon ETTUMA VOOI

DEAN OF THE DEPARTMENT

Prof. JOHN T. VARUCHESE

Dean, Department of Management Studies,

Mangalan College of Engineering

Ettama.coor, Endayam

Head of Department

DA SIBUE CHITHHAM
MEAN MINITEPHINAL PROMINED

Acol. & Head. Dept. of Management Studies
Manyalam College Of Engineering

Ethmanoor, Kottavan

PRINCIPAL PRINCIPAL ANGALAM COLLEGE OF ENGINEERING EHUMBEROS

DEPARTMENT OF MANAGEMENT STUDIES

MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that this mini project is a bonafide record of the work done by Mrs.ATHIRA SATHEESH as a part of the mini project work during the Fifth Trimester in a partial fulfilment of the requirement for the award of the degree of MASTER OF BUSINESS ADMINISTRATION in APJ Abdul Technological University. Kalam

Faculty Guide

Mrs. PT' Y DEVASSY Assisiant Professor Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

Head of the Department

DR SIBIL C. CHITHRAN MBA, M.Phil, FOP (IIMK) PhO (Mornt)

Prof. & Hoad, Bept, of Management Studies Mangalam College Of Engineering

Ettumanoor, Kottayam

Dean of the Department

Prof. JOHN T. VIJKOGHESE Dean, Department of Management Studios, Mangaran Lallege of Engineering Eliomascor, is sleyant

PRINCIPAL NANGALAM COLLEGE OF ENGINEERING

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINERRING ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that mini project entitled 'A STUDY ON EMPLOYEE JOB SATISFACTION WITH REFERENCE TO MILMA ' is a bonafide record of the work by Mr. ANOOP M PILLAI as a part of the project work during the Fifth Trimester in partial fulfillment of the requirements for the award of the Degree of MASTER OF BUSINESS ADMINISTRATION (MBA) OF Dr. APJ Abdul Kalam Technological University.

ETTUMANOO

Project Guide

Mrs. DEMY DEVASSY

Assis' Department of . "

t Studies neering

Mangalam 1 Ettu:..

OHE STRUTE CHITHRAN

MBA, M.Ph-I, FDP (IIMK) PhD (Mgmt)

Prof. & Head, Dopt, of Management Studiet

Mangalam College Oi Engineering

Ettumansor, Kottayam

Prof. JOHN T. WALL SHESE

Dean, Department of all agement Studies, Mangalan Sollage of Engineering

Dean of the Department

Eliuma.ioor, f. ilayam .

PRINCIPAL COLLEGE OF ENGINEERING



CERTIFICATE

This is to certify that the report entitled "DESIGN OPTIMIZATION OF X-BRACING USING SAP2000" submitted by "PRIYA VENUGOPAL, REVATHY PARAMESWARAN, WILFRED JAMES, SRUTHY K P," to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by her under my/our guidance and supervision. This report is any form has not been submitted to any other University or Institute for any purpose.

Internal Supervisor(s)

External Supervisor(s)

UG Coordinator

Dr. D RAMESH KUMAR

HEAD OF THE DEPT

MANGALAN CO

Ettomanoor



CERTIFICATE

This is to certify that the report entitled "ANALYSIS OF BUILDING WITH BASE ISOLATION AND DAMPER USING ETABS" submitted by "SARAH MARIAM ABRAHAM, K S SELMAN, NITHYA MOHAN, SHUNMU PRASAD" to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by 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.

Salini Theres N Kurian

Assistant Professor

Guide

Aswathy Soman

Assumenty Bonnan

Assistant Professor

Project Coordinator

Dr.D.Rameshkumar



CERTIFICATE

This is to certify that the report entitled "IMPACT OF HEAVY VEHCLES ON HIGHWAY TRAFFIC FLOW" is the authentic record of the project presented by ARJUN NV, NEENU TIMOTHY NINAN THOMAS in partial fulfilment VIJAYAN, SWATHY ER, of the requirements for the award of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING of APJ Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

Vaishnav VK

Assistant Professor Guide

Aswathy Soman

Assistant Professor Project Coordinator

MANGALAM CO

D.Ramesh Kumar

DEPARTMENT OF CIVIL ENGINEERING

MANGALAM COLLEGE OF ENGINEERING,

ETTUMANOOR



CERTIFICATE

This is to certify that the report entitled "IDENTIFICATION OF BLACKSPOTS ON NATOINAL HIGHWAY 183 USING GIS (KOTTAYAM TO KANJIRAPPALLY)" is the authentic record of the project presented by J ANAND SHANKAR, MERRIN JOSE, SAIFA NOUFAL, SREEHARI S in partial fulfilment of the requirements for the award of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING of the APJ Abdul Kalam Technological University. The contents of the report, in full or in parts have not been submitted to any other University for the award of any degree.

Smruthy P Nair

Assistant Professor

ASSISTANT I TOTESSOI

Guide



Assistant Professor

Project Coordinator

or. Ramesh Kumar



CERTIFICATE

This is to certify that the report entitled "STUDY ON THE EFFECTS OF MARINE CLAY STABILIZED WITH BANANA FIBRE" submitted by "SARA MOHAMMED, ROHINI S, YADHU KRISHNAN KM," to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by 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.

Sreerench Raghavu

Aswathy Soman

Assistant professor

Assistant Professor

Guide Project Coordinator

Dr.D.Ramesh Kumar

Head Of Department

JANGALAM CO

ETTUMANOOR



CERTIFICATE

This is to certify that the report entitled "STABILIZATION OF EXPANSIVE KUTTANAD CLAY USING GROUND GRANULATED BLAST FURNACE SLAG" is the authentic record of the project presented by "FATHIMA M, JITHU ABRAHAM JAMES, NANDHU PRADEEP M, SNEHA PUNNOOSE" in partial fulfilment of the requirements for the award of DEGREE OF BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING of APJ Abdul Kalam Technological University. The content of the report in full or in any parts have not been submitted to any other University for the award of any degree.

Linu Joy

Assistant Professor

Guide

Aswathy Soman

Assistant Professor

Project Coordinator

Dr.D. Ramesh Kumar

Head of Department

MANGALIA TOLLOR ENGINEERING



CERTIFICATE

This is to certify that the report entitled "ANALYSIS OF IRREGULAR BUILDING WITH GRID SLAB USING ETABS" is the authentic record of the project presented by "JERIN MATHEW JOSE, KESIYA JOSY V, LIKHITH KORUTHE VARGHESE, NAYANA P P" in partial fulfilment of the requirements for the award of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING of APJ Abdul Kalam Technological University. The content of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

NA.

AdhithyaVishwambaran

Assistant professor

Guide

Jonellad

AswathySoman

Assistant Professor

Project Coordinator

a Charle

ENGINEF

Roneshkumar



CERTIFICATE

This is to certify that the report entitled "ANALYSIS OF POLLUTION TRENDS IN SUBSURFACE WATER AT POOVANTHURUTH, KOTTAYAM" submitted by "JETCY ELIZABETH PHILIP, KAVYA PRAKASH, KELVIN JIMS, LIBIN JOSEPH" to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by 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.

R. Sold-Dr. R Senthil Kumar Associate Professor Guide

Aswathy Soman
Assistant Professor
Project Coordinator

Dr. D Rameshkumar
Head of Deparment



CERTIFICATE

This is to certify that the report entitled "ELUCIDATION OF TRAFFIC CONGESTION AT ETTUMANOOR INTERSECTION" is the authentic record of the project presented by "PRAJITHA PRAKASH, PRANAV V P, THOMAS SIBY, SANDHYAS" in partial fulfillment of the requirements for the award of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING of APJ Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

Anjana Baby

Assistant Professor

Guide

Aswathy Soman

Assistant Professor

Project Coordinator

Dr. D. Rameshkumar



CERTIFICATE

This is to certify that the report entitled "A STUDY ON BEHAVIOUR OF POST-TENSIONED CONCRETE FLOORS" is the authentic record of the seminar presented by ASWIN S NAIR in partial fulfillment of the requirements for the award of MASTER OF TECHNOLOGY in CIVIL ENGINEERING of A.P.J. Abdul Kalam Technological University. 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

ASWATHY SOMAN

Dr. D Ramesh kumar

Assistant Professor

Assistant Professor

Professor

(Guide)

(Project Cordinator)



CERTIFICATE

This is to certify that the report entitled "BALLASTLESS TRACK" is the authentic record of the seminar presented by KEVIN KURUVILA in partial fulfillment of the requirements for the award of MASTER OF TECHNOLOGY in CIVIL ENGINEERING of A.P.J. Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

ADITHYA V

Assistant Professor

(Guide)

ASWATHY SOMAN

Assistant Professor

(Seminar Coordinator)

Dr. RAMESH KUMAR

Professor



CERTIFICATE

This is to certify that the report entitled "A STUDY ON BEHAVIOUR OF POST-TENSIONED CONCRETE FLOORS" is the authentic record of the seminar presented by ASWIN S NAIR in partial fulfillment of the requirements for the award of MASTER OF TECHNOLOGY in CIVIL ENGINEERING of A.P.J. Abdul Kalam Technological University. 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

ASWATHY SOMAN

Dr. D Ramesh kumar

Assistant Professor

Assistant Professor

Professor

(Guide)

(Project Cordinator)



CERTIFICATE

This is to certify that the report entitled" INTEGRAL ABUTMENT BRIDGES "is the authentic record of the seminar performed MEBIN MATHEW, in partial fulfillment of the requirements for the award of MASTER OF TECHNOLOGY in CIVIL ENGINEERING of A.P.J. Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

Athulya Tom,

Assistant Professor

(Guide)

Aswathy Soman,

Assistant Professor

(Seminar Coordinator)

Dr.D.Ramesh Kumar,

Professor



CERTIFICATE

This is to certify that the report entitled "HEMPCRETE" is the authentic record of the seminar presented by KESIYA JOSY V, in partial fulfilment of the requirements for the award of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING of APJ Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

Sreerench Raghavu

Sharon Treassa Biju

Dr.D Rameshkumar

Assistant professor

Assistant professor.

Head of Department

(Guide).

(Seminar Coordinator).



CERTIFICATE

This is to certify that the report entitled "LOW COST HOUSE CONSTRUCTION USING GFRG-GLASS FIBRE REINFORCED GYPSUM PANELS" is the authentic record of the seminar performed AMITH M.M, in partial fulfillment of the requirements for the award of MASTER OF TECHNOLOGY in CIVIL ENGINEERING of A.P.J. Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

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Aswathy Soman,

Assistant Professor

(Guide)

Holy

Aswathy Soman,

Assistant Professor

(Seminar Coordinator)

Dr.D.Ramesh Kumar,

Professor



CERTIFICATE

This is to certify that the report entitled "ENVIRONMENTAL IMPACT ON RAIL CONSTRUCTION" is the authentic record of the seminar presented by Revathy Parameswaran, in partial fulfilment of the requirements for the award of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING of APJ Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

Vilbin Varghese

Assistant Professor.

(Gulde)

Sharon Treassa Biju

Assistant Professor.

(Seminar Coordinator)

Dr.D. Rameshkumar



CERTIFICATE

This is to certify that the report entitled "NANO CLAY STABILIZED SOIL" is the authentic record of the seminar performed by RAHNA SAJEEB, in partial fulfillment of the requirements for the award of MASTER OF TECHNOLOGY in STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT of APJ Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

Mrs Reni kuruvila

Assistant Professor

(Guide)

Mrs Aswathy Soman

Assistant Professor

(Seminar Coordinator)

Dr.Ramesh kumar

Professor

(Head of the Department)

DEPARTMENT OF CIVIL ENGINEERING

MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that the report entitled "NANO CLAY STABILIZED SOIL" is the authentic record of the seminar performed by RAHNA SAJEEB, in partial fulfillment of the requirements for the award of MASTER OF TECHNOLOGY in STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT of APJ Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

PRINCIPAL PLIEGE OF CAMPING PLING

Mrs Reni kuruvila

Assistant Professor

(Guide)

Mrs Aswathy Soman

Assistant Professor

(Seminar Coordinator)

Dr.Ramesh kumar

Professor

(Head of the Department)



CERTIFICATE

This is to certify that the report entitled "BALLASTLESS TRACK" is the authentic record of the seminar presented by KEVIN KURUVILA in partial fulfillment of the requirements for the award of MASTER OF TECHNOLOGY in CIVIL ENGINEERING of A.P.J. Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

ADITHYA V

(Guide)

ASWATHY SOMAN

Dr. RAMESH KUMAR GNEERING

Assistant Professor

Assistant Professor

(Head of the Department)

Professor

(Seminar Coordinator)



CERTIFICATE

This is to certify that the report entitled "LOW COST HOUSE CONSTRUCTION USING GFRG-GLASS FIBRE REINFORCED GYPSUM PANELS" is the authentic record of the seminar performed AMITH M.M, in partial fulfillment of the requirements for the award of MASTER OF TECHNOLOGY in CIVIL ENGINEERING of A.P.J. Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

PRINCIPAL MANGALAM COLLEGE OF ENGINEERING

Aswathy Soman,

Assistant Professor

(Guide)

Aswathy Soman,

Assistant Professor

(Seminar Coordinator)

Dr.D.Ramesh Kumar,

Professor

(Head of the Department)



CERTIFICATE

This is to certify that the report entitled "INTEGRAL ABUTMENT BRIDGES" is the authentic record of the seminar performed MEBIN MATHEW, in partial fulfillment of the requirements for the award of MASTER OF TECHNOLOGY in CIVIL ENGINEERING of A.P.J. Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

Fry Trying

Athulya Tom,

Assistant Professor

(Guide)

Jaket.

Aswathy Soman,

Assistant Professor

(Seminar Coordinator)

Dr.D.Ramesh Kumar,

Professor

(Head of the Department)



CERTIFICATE

This is to certify that the report entitled "THERMAL STRESS ANALYSIS OF PLATES IN ANSYS" submitted by ANJU KS, MIDHUN P, PRASANTH NP, SANDRA 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 Civil Engineering is a bonafide record of the project work carried out by 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.

Cornil A

Assistant Professor

Guide

Strates.

Aswathy Soman

Assistant Professor

Project Coordinator

Dr. D. Rameshkumar



CERTIFICATE

This is to certify that the report entitled "EFFECT OF MARINE CLAY ON FOUNDRY SAND AS AN ALTERNATE MATERIAL FOR SUBGRADE" is submitted by APARNA K JAYAPRAKASH, to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by 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.

Dr. Senthil Kumar

Associate Professor

(Guide)

Mr. Vilbin Varghese

Assistant Professor

(Project Coordinator)

Dr. D. Ramesh Kumar

DEPARTMENT OF CIVIL ENGINEERING

MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



CERTIFICATE

This is to certify that the report entitled "EFFECT OF MARINE CLAY ON FOUNDRY SAND AS AN ALTERNATE MATERIAL FOR SUBGRADE" is submitted by AJMAL NAZEER, to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by he under my/our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Dr. Senthil Kumar

Associate Professor

(Guide)

Mr. Vilbin Varghese

Assistant Professor

(Project Coordinator)

ANGALAM COLLEGED ENGINEERING

Dr. D. Ramesh Kumar



CERTIFICATE

This is to certify that the report entitled "WASTE WATER TREATMENT BY NATURAL COAGULANTS" is the authentic record of the project presented by AMRUTA MURALI in partial fulfilment of the requirements for the award of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING of APJ Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

Vilbin Varghese,

Assistant Professor.

(Guide)

10/-

Vilbin Varghese

Assistant Professor.

(Seminar Coordinator)

Dr.D.Rameshkumar



CERTIFICATE

This is to certify that the report entitled "PERFORMANCE EVALUATION AND IMPROVEMENTS TO PALA CIVIL STATION JUNCTION" submitted by "AGAJA G" to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by 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.

Sreerench Raghavu

Assistant Professor

Guide

Vilbin Varghese

Assistant Professor

Project Coordinator

Dr.D. Rameshkumar

Head of Department

ENGINEERING



CERTIFICATE

This is to certify that the report entitled "IMPROVEMENT OF STRENGTH OF SOIL IN KUTTANAD BY BEVERAGE CAN AND LIME" is submitted by ALFY ASHRAF, to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by 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.

Mrs. Aswathy Soman

Assistant Professor.

(Guide)

Mr. Vilbin Varghese

Assistant Professor.

(Project Coordinator)

Dr. D. Ramesh Kumar



CERTIFICATE

This is to certify that the report entitled "DESIN, MODELLING AND ESTIMATION OF POLYTECHNIC BUILDING IN MANGALAM CAMPUS" is the authentic record of the seminar presented by FEBIN ANTONY, to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by them under my/our GUIDENCE AND SUPERVISION. This report in any form has not been submitted to any other University or Institute for any purpose.

Ann mary jose

Assistant professor

(Guide)

Vilbin vargeese

Assistant Professor.

Project coordinator

Dr.D. Rameshkumar



CERTIFICATE

This is to certify that the report entitled "DESIN,MODELLING AND ESTIMATION OF POLYTECHNIC BUILDING IN MANGALAM CAMPUS" is the authentic record of the seminar presented by AGNESHIA IHNESIOUS, to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by them under my/ our GUIDENCE AND SUPERVISION. This report in any form has not been submitted to any other University or Institute for any purpose.

Ann mary jose

Assistant professor

(Guide)

Vilbin vargeese

Assistant Professor.

Project coordinator

Dr.D. Rameshkumar



CERTIFICATE

This is to certify that the report entitled "EFFECT OF MARINE CLAY ON FOUNDRY SAND AS AN ALTERNATE MATERIAL FOR SUBGRADE" is submitted by AJMAL NAZEER, ALEN JOSE, APARNA K JAYAPRAKASH and RAHANA MURUKESH, to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by 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.

R. Soul ___ Dr. Senthil Kumar

Associate Professor

(Guide)

Mr. Vilbin Varghese Assistant Professor

(Project Coordinator)

ANGAL MONEGERING

Dr. D. Ramesh Kumar



CERTIFICATE

This is to certify that the report entitled "DESIN,MODELLING AND ESTIMATION OF POLYTECHNIC BUILDING IN MANGALAM CAMPUS" is the authentic record of the seminar presented by AVANI V, to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by them under my/our GUIDENCE AND SUPERVISION. This report in any form has not been submitted to any other University or Institute for any purpose.

Ann mary jose

Assistant professor

(Guide)

Vilbin vargeese

Assistant Professor.

Project coordinator

AN SALAM GE OF ENGINEERING

Dr.D. Rameshkumar

DEPARTMENT OF CIVIL ENGINEERING

MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



CERTIFICATE

This is to certify that the report entitled "INTEGRATED SOLID WASTE MANAGEMENT PLAN FOR PALA MUNICIPALITY OF KERALA" submitted by KS KARTHIK, to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by them under my/ our GUIDENCE AND SUPERVISION. This report in any form has not been submitted to any other University or Institute for any purpose.

Mr. Vilbin Varghese

Mr. Vilbin Varghese

Dr. D Rameshkumar

Assistant Professor

Assistant Professor

Head of Department

Guide

Project Coordinator

PRINCIPAL

ANGALAM COLLEGE OF ENGINEERI



CERTIFICATE

This is to certify that the report entitled "EFFECT OF MARINE CLAY ON FOUNDRY SAND AS AN ALTERNATE MATERIAL FOR SUBGRADE" is submitted by ALEN JOSE, to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by he under my/our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Dr. Senthil Kumar

Associate Professor

(Guide)

Mr. Vilbin Varghese

Assistant Professor

(Project Coordinator)

Dr. D. Ramesh Kumar



CERTIFICATE

This is to certify that the report entitled "NUMERICAL ANALYSIS OF THIN PLATES USING FINITE ELEMENT SOFTWARE" is the authentic record of the seminar presented by ARJUN PRASAD & GOVIND SHAJI, in partial fulfilment of the requirements for the award of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING of APJ Abdul Kalam Technological University. The contents of the report, in full or in parts, have not been submitted to any other University for the award of any degree.

Gokul P V,

Assistant Professor

Guide

Vilbin Varghese

Assistant Professor

Project Coordinator

Dr.D. Rameshkumar



CERTIFICATE

This is to certify that the report entitled "DESIN,MODELLING AND ESTIMATION OF POLYTECHNIC BUILDING IN MANGALAM CAMPUS" is the authentic record of the seminar presented by FEBIN ANTONY, AVANI V, AGNESHIA IHNESIOUS, AJAI P A, to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by them under my/ our GUIDENCE AND SUPERVISION. This report in any form has not been submitted to any other University or Institute for any purpose.

Ann mary jose

Assistant professor

(Guide)

Vilbin vargeese

Assistant Professor.

Project coordinator

Dr.D. Rameshkumar



CERTIFICATE

This is to certify that the report entitled "EFFECT OF MARINE CLAY ON FOUNDRY SAND AS AN ALTERNATE MATERIAL FOR SUBGRADE" is submitted by RAHANA MURUKESH, to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by 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.

Dr. Senthil Kumar

Associate Professor

(Guide)

Mr. Vilbin Varghese Assistant Professor

(Project Coordinator)

ENGINEERING

Dr. D. Ramesh Kumar



CERTIFICATE

This is to certify that the project report titled "ACCIDENT SEVERITY DETECTION FOR PTW USING MACHINE LEARNING" is the Bonafide record of the work done by Brincy Kuriakose (MLM176CS021), Jezina Shahul Hameed (MLM17CS027), Jincy Mariyamma Shaji (MLM17CS028), Kavyamol James (MLM17CS038) of B. Tech in Computer Science and Engineering towards the partial fulfillment of the requirement for the award of the DEGREE OF BACHELORS OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING BY APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, during the academic year 2020-2021.

Internal Guide

Ms. Jinu P Sainudeo

Assistant Professor

Dept. of Computer Science

Head of the Department

Dr. Sunitha E V

Associate Professor & HOD

Dept. of Computer Science

ANGALAM COLLEGE OF CHGINEERING
Ettumanoor

MAY 2021



CERTIFICATE

This is to certify that the project titled "MUSIC GENRE CLASSIFICATION" is the bonafide record of the work done by AARCHAMOL A.V-MLM17CS001, ANN MARY FRANCIS-MLM17CS012, KAREN SHERRY CHANDY-MLM17CS036, KAVYA JAYAKUMAR-MLM17CS037 of B. Tech in Computer Science and Engineeringtowards the partial fulfillment of the requirement for the award of the DEGREE OFBACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICALUNIVERISTY, Kottayam during the academic year 2020-2021.

Internal guide

Ms. Sreenimol KR

Associate Professor

Dept of CSE

Head of the department

Dr.Sunitha E V

Professor & HOD

Dept of CSE

PRINCIPAL

ANGALAM COLLEGE OF ENGINEERING

Ettumanoor



CERTIFICATE

This is to certify that the report entitled "ADMISSION IN HOSPITAL EMERGENCY DEPARTMENT", submitted by Akshaya P(MLM17CS004), Anandu B Nair(MLM17CS006), Jathin Jayakumar(MLM17CS026), Solja Mariya Sunny(CML17CS048) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Computer Science and 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

Ms. Jayakrishnan B

Assistant Professor

Dept. of Computer Science

UG Coordinator

Ms.Jinu P Sainude

Assistant Professor

Dept. of Computer Science

External Supervisor

Head of the Dept.

Dr.Sunitha E V

Associate Professor & HOD

Dept. of Computer Science



CERTIFICATE

This is to certify that the report entitled "SHIP CLASSIFICATION FROM SAR IMAGES USING DEEP LEARNING", submitted by Aswathy M N (MLM17CS019), Anitt Sunny (MLM17CS009), Ashik Kishor (MLM17CS017), Dani K Baby (MLM17CS023) in partial fulfilment for the award of degree of Bachelor of Technology in Computer Science and Engineering under APJ Abdul Kalam Technological University during the year 2020-2021, is a bonafide work carried out by him under my guidance and supervision.

Internal Guide

Ms. Sruthy Emmanual

Assistant Professor

Dept. of CSE

Head of the Dept.

Dr. Sunitha E V

Professor & HOD

Dept. of CSE

PRINCIPAL

IANGALAM COLLEGE OF ENGINEERING

Ethimanoor



CERTIFICATE

This is to certify that the report entitled "FINGER KNUCKLE PRINT RECOGNITION SYSTEM", submitted by Asirvad Abraham (MLM17CS018), Abhishek Aravind (MLM16CS003), Devjith Prasad (MLM17CS024), Job Shibu (MLM17CS031), Joseph Thomas (MLM17CS033) to the APJ Abdul Kalam Technological University in fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Computer Science and 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

External Supervisor

Ms. Jinu P. Sainudeen

Assistant Professor

Dept. of Computer Science

UG Coordinator

Ms. Jinu P Sainuded

Assistant Professor

Dept. of Computer Science

Head of the Dept.

CF ENGINEERING

Dr. Sunitha E V

Associate Professor & HOD

Dept. of Computer Science



CERTIFICATE

This is to certify that the seminar titled "Depression Recognition System For College Students" is the bonafide record of the work done by Anna Benny(MLM17CS011), Arya Somaraj(MLM17CS016), Migesh K M(MLM17CS043), Amal Don(BTE17CS002) of B.Tech in Computer Science and Engineering towards the partial fulfillment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERISTY, Kottayam during the academic year 2020-2021.

(Space for signature)

Internal Guide

Jimsha K Mathew

Assistant Professor

Dept. of Computer Science & Engineering

(Space of signature)

Head of the department

Dr. Sunitha EV

Professor and HOD

Dept. of Computer Science & Engineering

1ANGALAM COLLEGE OF ENGINEERING
Ettumanoor



CERTIFICATE

This is to certify that the report entitled "Number Plate Based Automatic Document Validity Detection And Renewal Of Vehicle Insurance", submitted by Arjuna Das N M (MLM17CS014), David Sam (CML17CS011), Snehesh Theophine Jose (KVE17CS017), Vishakh P S (KVE17CS021) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Computer Science and 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

Dr. Sabu George

Associate Professor

Dept. of Computer Science

UG Coordinater

Ms. Jinu P Samudeen

Assistant Professor

Dept. of Computer Science

External Supervisor

Head of the Dept.

Dr. Sunitha E V

Associate Professor & HOD

Dept. of Computer Science

PONCIPAL.

NOVEMBER 2020



CERTIFICATE

This is to certify that the seminar titled "Real Time Face Mask Detection and Recognition Using Python" is the bonafide record of the work done by Roshan M Thomas (MLM17CS056), Tintu Samson(MLM17CS070), Motty Sabu (MLM17CS045), Shihana Mol B (MLM17CS060), of B. Tech in Computer Science and Engineering towards the partial fulfillment of the requirement for the award of the Degree of Bachelor of Technology by APJ Abdul Kalam Technological University, during the academic year 2020-21.

Internal Guide

Ms. Tinu Thomas

Assistant Professor

Department of CSE, MLMCE

Head of the Department

Dr. Sunitha E V

Professor and HOD

Department of CSE, MLMCE

PRINCIPA PRINCIPA COLLEGE OF ENGINEERING

NOVEMBER 2020



CERTIFICATE

This is to certify that the seminar titled "Voice Based Email Management System Using Python" is the bonafide record of the work done by Gaius B Samuel (CML17CS013) of B. Tech in Computer Science and Engineering towards the partial fulfillment of the requirement for the award of the Degree of Bachelor of Technology by APJ Abdul Kalam Technological University, during the academic year 2020-21.

Internal Guide

Ms. Kavitha Nair R

Assistant Professor

Department of CSE, MLMCE

Head of the Department

Dr. Sunitha E V

Professor and HOD .

Department of CSE, MLMCE

ANGALAM COLLEGE OF ENGINEERING Ethumanoor



CERTIFICATE

This is to certify that the project report titled "Automatic Neonatal Pain Detection for Pediatrics Using Convolutional Neural Network" is the bonafide record of the work done by Kripa Rachel Thomas (MLM17CS039), Poorna Sudhakaran (MLM17CS050), Shaldrin Emerson (MLM17CS058), Rahul R (MLM16CS091) of B. Tech in Computer Science and Engineering towards the partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology by APJ Abdul Kalam Technological University, during the academic year 2020-21

Internal Guide

Ms. Simy Mary Kurian

Assistant Professor

Department of CSE, MLMCE

ANGALAM COLLEGE OF ENGINEERING Head of the Department

Dr. Sunitha E.V .

Professor & Head

Department of CSE, MLMCE



CERTIFICATE

This is to certify that the project titled "Emotion Correlation Mining Using Neural Networks" is the bonafide record of the work done by Melvin K Mathew (MLM17CS040), Surya R (MLM17CS068), Roshan Jo (MLM17CS055) of B.Tech in Computer Science and Engineering towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERISTY, during the academic year 2020-21

Internal Guide

Ms. Kavitha Nair R

Assistant Professor

Department of CSE, MLMCE

Head of the Department

Dr. Sunitha E.V

Associate Professor & Head

Department of CSE, MLMCE

PRINCIPAL
INGALAM COLLEGE OF ENGINEERING



CERTIFICATE

This is to certify that the project report titled "Automated Attendance System Based on Face Recognition & Live Video Processing" is the bonafide record of the work done by Varun Gopinath (MLM17CS073), Rakhi R Nair (MLM17CS053), Meharban (MLM16CS082), Lekshmipriya M.B (BTE17CS008) of B. Tech in Computer Science and Engineering towards the partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology by APJ Abdul Kalam Technological University, during the academic year 2020-21

Internal Guide

Assistant Professor

Department of CSE, MLMCE

Head of the Department

ANGALAM COLLEGE OF ENGINEERING Dr. Sunitha E.V

Professor & Head

Department of CSE, MLMCE



This is to certify that the project preliminary titled "Palmprint based biometric identification system" is the bonafide record of the work done by Midhuna Naveen (MLM17CS041), Neethumol K J (MLM17CS047), Pritty Mary Mathew (MLM17CS052), Sherin Joseph (MLM17CS059) of B. Tech in Computer Science and Engineering towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERISTY, during the academic year 2020-21

Internal Guide

Assistant Professor

Department of CSE, MLMCE

ANGALAM COLLEGE OF ENGINEERING
Head of the Department

Dr. Sunitha E. V

Professor & Head

Department of CSE, MLMCE



CERTIFICATE

This is to certify that the project titled "secure peer-to-peer messenger and file sharing over IPV6" is the bonafide record of the work done by Grace Abraham, Ben Shaji and Vidya E S Of B. Tech in Computer Science and Engineering towards the partial fulfillment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, Kottayam during the academic year 2020-2021.

Internal Guide

Mr. Vishnu S Sekhar

Assistant Professor

Department of CSE, MLMCE

Head of the Departur

Dr. Sunitha E.V

Professor & Head

Department of CSE, MLMCE

ANGALAM COLLEGE OF ENGINEERING
EHUMANOOT



CERTIFICATE

This is to certify that the project titled "DESIGN AND DEVELOPMENT OF AGILE/SCRUM DASHBOARDS" is the Bonafide record of the work done by Jerin Jose Philip (MLM16CS062), Shilpa K Mohanan (MLM17CS061), Surya Babu (MLM17CS067), Zacharia Alexander (MLM17CS078) of B.Tech in Computer Science and Engineering towards the partial fulfillment of the requirement for the award of the DEGREE OF BACHELORS OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING BY APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, during the academic year 2020-2021.

Internal Guide

Ms. Neena Joseph

Assistant Professor

Department of CSE, MLMCE

PRINCIPAL PRINCIPAL HONOR

Head of the Department

Dr. Sunitha E.V

Professor & HOD

Department of CSE, MLMCE



CERTIFICATE

This is to certify that the project report titled "Smart Energy Meter" is the bonafide record of the work done by Nithin Thomas (MLM17CS049), Vishnu Vinod (MLM17CS076), Gishwin George (CML17CS014), Rohan Justin (MLM17CS054) of B.Tech in Computer Science and Engineering towards the partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology by APJ Abdul Kalam Technological University, during the academic year 2020-21

Internal Guide

Prof. Chris Chettisery

Assistant Professor

Department of CSE, MLMCE

Head of the Department

Dr. Sunitha E.V

Professor & Head

Department of CSE, MLMCE

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR JANUARY 2021



CERTIFICATE

This is to certify that the project preliminary titled "RFID Based Smart Card For Campus Automation" is the bonafide record of the work done by Sreelekshmi .S (MLM17CS066), Preethi Presannan Nair (MLM17CS051), Sajana Saji (MLM17CS057), T S Shabanam (MLM17CS071) of B.Tech in Computer Science and Engineering towards the partial fulfilment of the requirement for the award of the Degree Of Bachelor Of Technology by APJ Abdul Kalam Technological University, during the academic year 2020-21

Internal Guide

Ms. Neema George

Assistant Professor

Department of CSE, MLMCE

OF ENGINEER Head of the Department

Dr. Sunitha E.V

Professor & Head

Department of CSE, MLMCE

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR JANUARY 2021



CERTIFICATE

This is to certify that the project preliminary titled "Mining High Utility Sequential Pattern Using Lexicographic Q-Sequence Tree And Utility Linked List" is the bonafide record of the work done by Reno Rajan (MLM16CS095), Sreedevi Devaraj (MLM17CS064), Vivek M K (MLM17CS077) of B.Tech in Computer Science and Engineering towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERISTY, during the academic year 2020-21.

Internal Guide

Dr. Ranju S Kartha

Associate Professor

Department of CSE, MLMCE

Head of the Department

Dr. Sunitha E. V

Associate Professor& Head

Department of CSE, MLMCE

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR JANUARY 2021



CERTIFICATE

This is to certify that the project preliminary titled "Wearable Devices to Track Covid-19 Symptoms" is the bonafide record of the work done by Midhun Prasad (MLM17CS042), Susanna Sajan (MLM17CS069), Minza Thazni (MLM17CS044), Saran M.S (BTE15CS028) of B.Tech in Computer Science and Engineering towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERISTY, during the academic year 2020-21

Internal Guide

Ms. Gayathri R Krishna

Assistant Professor

Department of CSE, MLMCE

Head of the Department

Dr. Sunitha E.V

Professor & Head

Department of CSE, MLMCE

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR JUNE 2021



CERTIFICATE

This is to certify that the project titled "Web Based Graphical Password Authentication System" is the bonafide record of the work done by Abhijith S (LMLM17CS079), Soja Sam (BTE17CS012), Sreelekshmi K U (MLM17CS065) and T T Samjeevan (MLM16CS115) of B.Tech in Computer Science and Engineering towards the partial fulfillment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERISTY, Thiruvananthapuram during the academic year 2020-21.

Internal Guide

Ms Sneha Mathew

Assistant Professor

Depts of CSE

GNEEHead of the Department

Dr. Sunitha E.V

Professor and HOD

Dept. of CSE

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that the report titled "FINANCIAL PERFORMANCE ANALYSIS OF TATA CHEMICALS" is a bonafide record of the work done by ABHILA ELSA SAJI (Reg No: MLM19MBA02) during the sixth trimester in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of A.P.J Abdul Kalam Technological University (KTU), Thiruvananthapuram, under the guidance of Mrs. JEENU MATHEW, Assistant Professor, Mangalam College of Engineering.

MS. JEFAIL MATHEW

winecting 9760

Head of the Department

DR. SIBU C CHITHRAN MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Lie Professor & Head. (Management Studies Mangalam College of Engineering

Ettumanoor, Kottayam

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering . Ettumanoor, Kottayam

Dean of the Department

ANGALAM COLLEGE OF

Etturn accor

DEPARTMENT OF MANAGEMENT STUDIES

MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that the Project Report is a bonafide record of the work done by ALAN P SHIBU(Reg No: MLM19MBA09) as part of the project work during the sixth trimester on "A STUDY ON WORKING CAPITAL MANAGEMENT AT TATA STEEL LIMITED MUMBAI", in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of A.P.J Abdul Kalam Technological University (KTU), Thiruvananthapuram, under the guidance of Ms. JEENU MATHEW, Associate Professor, Mangalam College of Engineering, Ettumanoor, Kottayam.

Project Guide

Ms. JEENU MATHEW
Assistant Professor

Department Of Management Studies
Mangalam College Of Engineering

Ettumanoor, Kottayam

Head of the department

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Lit
Professor & Head. (Management Studies)
Mangalam College of Engineering
Etturnanoor, Kottayam

Dean of the department

PTOT. JOHN T. VARUGHELE

Dean Department of Management Ylander

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MANGALAM COLLEGE OF

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that the Project Report is a bonafide record of the work done by AMRUTHA SOMAN (Reg No: MLM19MBA17) as part of the project work during the sixth trimester on "A STUDY ON THE EXISTING PERFORMANCE APPRAISAL SYSTEM IN DHL EXPRESS INDIA Pvt Ltd" in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of A.P.J Abdul Kalam Technological University (KTU), Thiruvananthapuram, under the guidance of Mr.BOSE TOM, Associate Professor, Mangalam College of Engineering, Ettumanoor, Kottayam.

Project Guide

BOSE TOM

Department of Monage (St) Studius

Mangalam College of Engineer's Ellumandor, Kottayam

Dean of the department

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
_Mangalam College of Engineering

Head of the department

Ettumanoor, Kottayam

Prof. JOHN T. VARUMME

Dean Department of Management Shubas

Etiona. -- .. Lewent

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that major project entitled 'A Study On Working Capital Management at konzept builders' being submitted by Ms. Arya Manoj (MLM19MBA26), in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafide record of the project work done by ARYA MANOJ of Department of Management Studies. Mangalam College Of Engineering, Ettumanoor, Kottayam.

ETTUREP

Project Guide

Ms. THETA HAHT

Asanciale Professor

Separiment of Management Studies Mangalam Chilege of Engineering

Ettymenner Mottay Dean of the Department Mangalam College of Engineering

Head of the Department

DR/ SIBU C CHITHRAN MBA. M.Rhil, FDP (IIMK) PhD (Mgmt), D.Litt Professor & Head: (Management Studies)

Ettumanoor, Kottayam

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

ANGALAM COLLEGE OF ENGINEERING



DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM CERTIFICATE

This is to certify that this Study Report on "CAPITAL BUDGETING &TECHNIQUES AT HDFC BANK" is a bonafide record of the work undertaken by Ms. DIVYA MOHANDAS (Reg. No: MLM19MBA37) as part of mini project work during the 6th trimester of her studies in partial fulfilment of Requirements for the award of the Degree of MASTER OF BUSINESS ADMINISTRATION, of DR.APJ ABDHUL KALAM TECHNOLOGICAL UNIVERSITY, under the guidance of Mrs.JEENU MATHEW ,Assistant Professor. Department of Management Studies, Mangalam College of Engineering.

Mrs. Jeeny Mathew

Assistant Professor

(Faculty Guide)

Assistant Professor

Conartment Of Management Studies

Mangalam College Of Engineering

Prof. John. T. Varghese

Ettumanoor, Kottayam

di

Dr.Sibu C.Chithran

Head of the Department

DR. SIBU C CHITHRAN
MBA M.Phil,FDP (IIMK) PhD (Mgmt), D.Lit
Professor & Head. (Management Studies
Mangalam College of Engineering

Ettumanoor, Kottayam

Dean of the Department

Prof. JOHN T. VARUGE EST.
Denn Department of Maior personal Studies,
Mongalan College of Charlesting
Ettuma, ear, Scaleged





DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that the Project Report is a bonafide record of the work done by MELGI MARY THOMAS, (Reg No: MLM19MBA56) as a part of the project work during the sixth trimester on "A STUDY ON EMPLOYEES JOB SATISFACTION AT TRAVANCORE SUGARS AND CHEMICALS LIMITED THIRUVALLA" in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of A.P.J Abdul Kalam technological university (KTU), Thiruvananthapuram, under the guidance of Mr. BOSE TOM, Associate Professor, Mangalam College of Engineering, Ettumanoor, Kottayam.

Mr. Bose Tom

Associate Professor

Project Guide

Fitter .

BOSETOM Associate Professor

Department of Manager Mangalam College of Engine Dr. Sibu .C. Chithran

Head of the department

DR. SIBU C CHITHRAN MBA: M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt Professor & Head. (Management Studies) Mangalam College of Engineering

Prof. John. T Varghese

Dean of the department

Prof. JOHN T. VARIJOHOME

Down, Department of Management & Vierbos, teningatan: College of tenjawaring

Etuma. -- v, Ketmyate

MANGALAM COLLECT OF ENGIN

FRING

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINERRING ETTUMANOOR, KOTTAYAM



CERTIFICATE

his is to certify that project entitled 'A STUDY ON FINANCIAL ANALYSIS AND 'ERFORMANCE OF FEDERAL BANK' being submitted by Mr. NITHIN 'RATHAPAN (MLM19MBA65), in partial fulfillment of the requirements for the award of he Degree of MASTER OF BUSINESS ADMINISTRATION, is a bona fide record of the roject work done by NITHIN PRATHAPAN of Department of Management Studies, fangalam College Of Engineering, Ettumanoor, Kottayam.

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PRINCIPAL PRINCIPAL ENGINE

Head of the Department

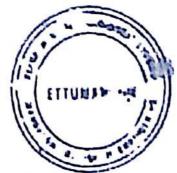
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Depai Management Studies

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Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam



DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that the Report titled "A Study on Non - Performance Asset Management with special reference to Axis Bank" being submitted by Mr. SHYAM SUBHASH (Reg.No: MLM19MBA76), in partial fulfilment of the requirement for the award of the Degree of Master of Business Administration, is a bonafide record of the Project work done by Mr. SHYAM SUBHASH of Deapartment of Management Studies, Mangalam College of

Engineering, Ettumanoor, Kottayam.

PRINCIPAL PROPERTY OF ENGINEERING

PRINCIPAL PROPERTY OF ENGINEERING

Head of the Department

DR. SIBU C CHITHRAN

MBA. M.Phil, FDP (IIMK) PhD (Mgml), D.Litt

Professor & Head. (Management Studies)

Mangalam College of Engineering

Ettumanoor, Kottayam

Dean of the Department

Prof. JOHN T. VARIJONARIA

Department of Management Studies,

Hn gatan Solloye of Sysphering

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that "A STUDY ON THE FACTORS AFFECTING PURCHASE DECISION OF CUSTOMERS IN FAVOR OF MTR FOOD PRODUCTS" (MLM19MBA88) as a part of the project work done during Sixth trimester in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafide record of the project work done by VINU CHANDY MATHEW of DEPARTMENT OF MANAGEMT STUDIES, MANGALAM COLLEGE OF ENGINEERING.

Faculty Guide

Head of the Department

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

Dean of the Department

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DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR **KOTTAYAM**



CERTIFICATE

This is to certify that the Project report is a bonafide record of the work done by JAYAKRISHNAN V.K (Reg. no: MLM19MBA43), as a part of thei Project work during the sixth trimester at "A STUDY ON FINANCIAL PERFORMANCE ANALYSIS AT ASIAN PAINTS LTD" in partial fulfilment of the requirements for the award of the degree of MASTER OF BUSINESS ADMINISTRATION of APJ Abdul Kalam Technological University (KTU). Thiruvananthapuram, under guidance of Mrs. JEENU MATHEW, Assistant Professor, Mangalam College of Engineering, Estumanoor, Kottayam.

Faculty Guide

Ms. JEENU MATHEW Assistant Professor

Department Of Management-Studies Mattellim College Of Engineering

Ettumanoor, Kottavam

ETTUMEN 114 11

PROLUMENT, VARUE - FEE

Dean of the Department

DR. SIBU C CHITHRAN MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt Professor & Head. (Management Studies) Mangalam College of Engineering

Head with Departmento

Ettumanoor, Kottayam

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DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that the report titled "A STUDY ON WORKING CAPITAL MANAGEMENT IN KELTRON EQUIPMENT COMPLEX, TRIVANDRUM." being submitted to Ms. JEENU MATHEW in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafide record of the project work dance by KAVYA M.P. of Department of Management Studies, Mangalam College of Engineering, Etitamanoor, Kottayam.

Project Guide

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Head of the Department

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

DEPARTMENT OF MANAGEMENT STUDIES. NUMBER OF ENGINEERING KOTTAVAM



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Maragement Hear of the Department

Head of the Department

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Probage & Hard (Management Buses)
Mangalism Callege of Engineering
Elleranger, Koshiyaan

Prof. [Cr] X4111 T. VARIABHESE Case Department of Management Otolers Mangellam Costoge of Engineering Education, Kostogem

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DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERNIG, ETTUMANOOR, **KOTTAYAM**



CERTIFICATE

This is to certify that the report titled "A STUDY OF AWARENESS AND ACCEPTANCE LEVEL OF JK CEMENT PRODUCTS AMOUNG DEALERS" being submitted by MS.POURNAMI PRASAD, Reg No: MLMI9MBA67, sixth Trimester student of this institution in partial fulfilment of the requirements of the award Degree of Master of Business Administration, is bonafide record of the project work done by MS. POURNAMI PRASADof Department of Management Studies, Mangalam College of Engineering

Faculty Guide

Head of the Department

AHOL NIHTIL'S Assistant Professor Dept. of Management Studies Mangalam College of Engineering Ettumenoor

Dean of the Department

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies) Mangalam College of Engineering Ettumanoor, Kottayam

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

IANGALAM CO

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DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINERRING ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that major project entitled titled A STUDY ON QUALITY OF WORKLIFE IN MALAYA MANORAMA COMPANY LIMITED KOTTAYAM being submitted by SARITHA SURESH, MLM19MBA73 in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafide record of the project work done by Saritha suresh of Department of Management Studies, Mangalam College Of Engineering, Ettumanoor, Kottayam.

EOF ENGINETICAD of the Department

DR. SIEU C CHITHRAN MBA. M.Phil, FDP (IIMK) PhD (Mgmt), D.Litt Professor & Head. (Management Studies) Mangalam College of Engineering

Etturnanoor, Kollayam

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

Dean of the Department



DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING

ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that this report entitled "SERVICE QUALITY AND CUSTOMER SATISFACTION UNDERTAKEN AT BIG BAZAAR FUTURE GROUP RETAIL LIMITED" being submitted by UMESH KUMAR A (Reg. No. MLM19MBA86), sixth trimester MBA student of this institution in partial fulfilment of the requirement of the degree of master of Business Administration of A.P.J Abdul Kalam Technological University(KTU) Thiruvananthapuram is a bonafide record of project done by UMESH KUMAR A under the guidance of DR. SIBY JAMES, ASSOCIATE PROFESSOR, MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR, KOTTAYAM

Prof. (Dr.) JOHN T. VARUGHESE
Dean Department

Prof. (Dr.) JOHN T. VARUGHESE
Dean Department Studies
Mangalam College of Engineering
Ellumanoor, Kollayam

Head of the Department

Prof. (Dr.) JOHN T. VARUGHESE
Dean Department Studies
Mangalam College of Engineering
Ellumanoor, Kollayam

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERNIG, ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that the report titled "CONSUMER PERCEPTION TOWARDS SHOPPING MALL WITH SPECIAL REFERENCE TO COCHIN CITY" being submitted by Mr. ALWIN SHAJI, Reg No: MLM19MBA13, sixth Trimester student of this institution in partial fulfilment of the requirements of the award Degree of Master of Business Administration, is bonafide record of the project work done by Mr. ALWIN SHAJI of Department of Management Studies, Mangalam College of Engineering

Faculty Suide

JITHIN JOHN
Assistant Professor
Dept. of Management Studies
Mangalam College of Engineering
Ettumanoor

Head of the Department

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgml), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam ETTUMA V

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that the Project Report is a bonafide record of the work done by ANJU ANTONY(Reg No: MLM19MBA24) as part of the project work during the sixth trimester on "A STUDY ON FINANCIAL PERFORMANCE ANALYSIS AT KERALA STATE COIR ALAPPUZHA", in partial fulfilment CORPORATION degree requirements of the of MASTER OF ADMINISTRATION of A.P.J Abdul Kalam Technological University (KTU), Thiruvananthapuram, under the guidance of Mrs.TINTA BABY, Associate Professor, Mangalam College of Engineering, Ettumanoor,

Kottayam.

Head of the department

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

Project Guide

Dean of the department

Prof. (Dr) JOHN T. VARUGHESE
Dean. Department of Management Studies
Mangalam College of Engineering
Ettumanoo Kottayam

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that this project study report entitled "A STUDY ON CUSTOMER SATISFACTION AND EXPERIENCE WITH SPECIAL REFERENCE TO FEDERAL BANK IN IDUKNI DISTRICT is a bonafede of the work done by CELESTY SAM, (Reg, No: MLM19MBA35), as a part of the project work during the fifth trimester in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of APJ Abdul Kalam Technological University

KTU), Thiruvananthapuram.

roject Guide

Head of Department

Dean of the Department

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

Prof. JOHN T. VARUPESSEE

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DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERNIG, ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that the report titled "A STUDY ON CUSTOMER SATISFACTION TOWARDS RELIANCE JIO" being submitted by MR.ABIN K THOMAS, Reg No: MLM19MBA04, sixth Trimester student of this institution in partial fulfilment of the requirements of the award Degree of Master of Business Administration, is bonafide record of the project work done by MR.ABIN K THOMAS of Department of Management Studies, Mangalam College of Engineering.

Faculty Guide

Assistant Professor
Dept. of Management Studies
Mangalam College of Engineering
Ettumanoor

Head of the Department

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
TEttumanoor, Kottayam

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

PRINCIPAL NEINEERING

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DEPARTMENT OF MANAGEMENT STUDIES

MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that the Project Report is a bonafide record of the work done by ALPHIN TOMY (Reg No: MLM19MBA11) as part of the project work during the sixth trimester on "A STUDY ON EMPLOYEE AMOUNG IT PROFESSIONALS MOONLIGHTING INFOPARK, KOCHI", in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of A.P.J Abdul Kalam Technological University (KTU), Thiruvananthapuram, under the guidance of Mr. BOSE TOM, Associate Professor, Mangalam College of Engineering, Ettumanoor, Kottayam.

Project Guide

BOSE TOM Associate Professor "partment of Management Studies "James" im College of Engineering

tumanoor, Kottayam

Head of the department

DR. SIBU C CHITHRAN MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt Professor & Head. (Management Studies) Mangalam College of Engineering Ettumanoor, Kottavam

Down Department of MayANGALAM COLLEGE OF ENGINEERING Dean of the department

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DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that this project study report entitled "A STUDY ON THE EFFECTIVENESS OF ADVERTISEMENT TOWARDS THE PURCHASE OF HYUNDAI CARS, KERALA" is bonafide record of the work done by ANANTHU SURENDRAN (MLM19MBA21) as a part of the Project work during the sixth trimester in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of A.P.J Abdul Kalam Technological University (KTU), Thiruvananthapuram.

Ettumanoor

Project Guide

Head of the department

Dean of the department

DR. SIBU C CHITHRAN

MBA M.Phil,FDP (IIMK) PhD (Mgml), D.Litt

Professor & Head. (Management Studies)

Mangalam College of Engineering

Ettumanoor, Kottayam

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINERRING ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that major project entitled 'A Study on the effectiveness of Training and Development program in Travancore Cochin Chemicals Ltd, ' being submitted by Ms. Athira Ramesh (MLM19MBA31), in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafide record of the project work done by Athira Ramesh of Department of Management Studies, Mangalam College Of Engineering, Ettumanoor, Kottayam.

Project Guide

Head of the Department

Ms. RINTA GEORGE
Assistant Professor
Department of Management Studipean of the Department
Mangelam College of Engineering
Ettumanoor, Kottayam - 686,631

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam



DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM

CERTIFICATE

This is to certify that the report titled "A STUDY ON EFFECTIVENESS OF EMPLOYEE RETENTION AT KBR TEXTILES PRIVATE LIMITED "is a bonafide record of the work done by ELIZABETH THOMAS (Reg No: MLM19MBA39) during the sixth trimester in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of A.P.J Abdul Kalam Technological University (KTU), Thiruvananthapuram, under the guidance of Mrs. RINTA GEORGE, Assistant Professor, Mangalam College of Engineering,

Ettumanoor, Kottayam.

Mrs. Rinta George

Assistant Professor

Faculty Guide

Prof. Dr. John T. Varughese

Ms. RINTA GEORGE
Assistant Professor
Department of Management Studies
Mangalam College of Engineering

Ettumançor, Kottayam - 686 631

Dean of the Department

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

PRINCIPASIBICC Chithran

COLL Head of the Department

Down Department of Management & Yorkse, Management of Management & Yorkse, Management & Starting Engineering Associations

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERNIG, ETTUMANOOR KOTTAYAM



CERTIFICATE

This is to certify that the report titled A PROJECT REPORT ON EFFECTIVENESS OF ADVERTISMENTS IN THE MARKETING OF FOREST INDUSTRIES TRAVANCORE LIMITED, ALUVA, being submitted by MR. MIDHUN JAYAN, (Reg No: MLM19MBA57), sixth Trimester student of this institution in partial fulfilment of the requirements of the award Degree of Master of Business Administration, is a bonafide record of the project work Under the guidance of DR.SIBY JAMES, ASSOCIATE PROFESSOR, DEPARTMENT OF MANAGEMENT STUDIES, MANGALAM COLLEGE OF ENGINEERING.

Fagulty Guide

SIBY JAMES MBA
Associate Professor
Dept.of Management Studies
Mangalam College of Engineering
Mangalam College of Engineering
Etlumanoor, Kottayam - 686 631

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies

Mangaldm College of Engineering Ettumanoor, Kottayam

> PRINCIPAL ANGALAM COLLEGE OF ENGINEERING ENUMANOOR

lead of the Department

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that the Project Report is a bonafide record of the work done by Mr. SACHIN K KUMAR (Reg No: MLM19MBA69) as part of the project work during the sixth trimester on "A STUDY ON RECEIVABLES MANAGEMET OF TRAVANCORE SUGARS AND CHEMICALS, LTD, THIRUVALLA", in partial fulfilment of the requirements for the award of the Degree of Master Of Business Administration of A.P.J Abdul Kalam Technological University (KTU), Thiruvananthapuram, under the guidance of Mrs. TINTA BABY, Associate Professor, Mangalam College of Engineering,

Project guide

Ms. TINTA BARY

Associate Professor

Management Studies

Filumancor, Money and Congress of Engineering.

Prof. (Dr.) JOHN T. VARUGHESE

Dean Department of Management Studies

Mangalam College of Engineering

Ellumancor, Kottayam

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING KOTTAYAM



CERTIFICATE

This is to certified that the report entitled A STUDY ON FINANCIAL PERFORMANCE OF HDFC BANK being submitted by Mr. SOORAJ BABU (MLM19MBA79) in partial fulfilment of the requirements for the award of the degree of the Master of Business administration, is a bonafied record of the project work done by MR. SOORAJ BABU of Department of Management studies, Mangalam college of engineering Kottayam.

Faculty Guide

Head of the Department

Ms. RINTA GEORGE

Accistant Professor

Department of Management Studies Mangalam Unit of Engineering

Ettumaneor, Kottayam - 686 631

Dean of the Department

DR. SIEU C CHITHRAN

MBA_M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt Professor & Head. (Management Studies)

Mangalam College of Engineering Ettumanoor, Kottayam

Prof. (Dr) JOHN T. VARUGHESE Dean, Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING



CERTIFICATE

This is to certify that the report titled "A STUDY ON FACTORS AFFECTING CONSUMERS'S PURCHASE DECISION OF CURRY POWDER WITH SPECIAL REFERENCE TO EASTERN CONDIMENTS PVT LTD" being

submitted by VISHAK HARIKUMAR, Roll No. MIM19MBA89, in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafide record of project work done by VISHAK HARIKUMAR of Department of Management Studies, Mangalam

College of Engineering.

· NEETHU KENG (ERIA

Assistant Frotessor Dept, of Management Studies Mangalim College of Engineering

DR. SIBU C CHITHRAN MBA M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt Professor & Head. (Management Studies) Mangalam College of Engineering Ettumanoor, Kottayam

Head of the Department

Dean of the Department

MANGALA

Prof. (Dr) JOHN T. VARUGHESE Dean, Department of Management Studies Mangalam College of Engineering

DEPARTMENT OF MANAGEMENT STUDIES

MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that this project study report entitled "A COMPARATIVE STUDY OF EXPENDITURE AND INCOME GENERATED BY AIR INDIA, BANGALORE" is a bona fide record of the work done by Ms. AISWARYA.S as a Project Work during the sixth trimester in partial fulfillment of the requirement for the award of the Degree of MASTER OF BUSINESS ADMINISTRATION, (MBA) of APJ Abdul Kalam Technological University, Trivandrum.

Project Guide

Head of the Department

DR, SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

Dean of the Department

Charles Times

ANGALAM COLLEGE

DEPARTMENT OF MANAGEMENT STUDIES

MANGALAM COLLEGE OF ENGINEERING

ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that the report entitled A STUDY ON WORKING CAPITAL ON THE TOLINS TYRES Pvt.Ltd is being submitted by ALVIN ANTONY, MLM19MBA12 in partial fulfillment of the requirement for the award of the Degree of Master of Business Administration, isa bonafide record of the project work done by Mr.ALVIN ANTONY MLM19MBA12 Department of Management Studies Mangalam College of Engineering Ettumanoor.

MS PINTA GEORGE Assistant Professor

Department of Management Studies Mangalam College of Engineering

Etumanoor, Kottayam - 686 631

Head of the department

DR. SIBU C CHITHRAN MBA, M.Phil,FDP (IIMK) PhD (Mgmit), D.Lit Professor & Head. (Management Studies) Mangalam College of Engineering Ettumanoor, Kottayam

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangaldm College of Engineering Ettumanoor, Kottayam

OANGALAM COL

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTYAM



CERTIFICATE

This is to certify that this Internship Report is a bonafide record of the work done by Ms. ANILA. R (Reg.No: MLM19MBA22) as a part of the Project work during the Sixth trimester at, KOTAK SECURITIES in partial fulfilment of the requirements for the award of the degree of MASTER OF BUSINESS ADMINISTRATON (MBA) of Abdul Kalam Technical University, Thriruvananthapuram under the guidance of Ms. JEENU MATHEW, Assistant Professor, Mangalam College of Engineering, Ettumanoor, Kottayam.

Ms. JEENU MATHEW Assistant Professor

Department Of Management Studies

Mangalam College Of Engineering

Ettumanour, Kottayam

Head of the Department

DR. SIBU C CHITHRAN MBA M.Phil,FDP (IIMK) PhO (Mgmi), D.Litt Professor & Head. (Management Studies) Mangalam College of Engineering Etturnanoor, Kottayam

Dean of the Department

Prof. JOHN T. VARIICHTER Doug Departs and of Dr. Samuel States Manguian wollows of the sounds

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MANGALAM COL

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that the Project Report is a bonafide record of the work done by ATHIRA S (Reg No: MLM19MBA32) as part of the project work during the sixth trimester on "A STUDY ON THE ORGANIZATIONAL CULTURE AND ITS IMPACT ON EMPLOYEE PERFORMANCE IN KITEX LIMITED", in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of A.P.J Abdul Kalam Technological University (KTU), Thiruvananthapuram, under the guidance of Mr.BOSE TOM, Associate Professor, Department of Management Studies,

Ettumanoor, Kottayam.

Faculty Guide

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Dean

DR. SIBU C CHITHRAN

MBA M.Phil,FDP (IIMK) PhD (Mgmt), D.Utt

Professor & Head. (Management Studies)

Tot. JOHN T. VARUCHT Professor & Callege College (Management Studies) Department of warman and Mangalam College of Engineering

Head of the Department

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that major project entitled 'A Study On Financial Performance Evaluation Of Selected Debt And Equity Under Uti Ame' being submitted by Ms. JESLINE JOSEPH (MLM19MBA45), in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafide record of the project work done by JESLINE JOSEPH of Department of Management Studies, Mangalam College Of Engineering,

Ettumanoor, Kottayam,

Ms. JEENU MATHEW Assistant Professor

Department Of Management Studies

Mangalam College Of Engineering

Ellumanoor, Kottayam

Dean of the Department

SE HOURAY, THEOLOGS

Dean, Department of Managers 1 testos.

Mangalan college of the entire Ettume, -- 4, Leturum

DR. SIBU C CHITHRAN MBA, M.Phil, FDP (IIMK) PhD (Mgml), D.Litt Professor & Head. (Management Studies Mangalam College of Engineering

Head of the Department

Ettumanoor, Kottayam

JOINEERING

AMGALAM COLLEGE POOR

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR KOTTAYAM



CERTIFICATE

This is to certify that the Project report is a bonafide record of the work done by NIDIIIN JOSE P.J. (Reg. no: MLM19MBA62), as a part of theil Project work thirting the sixth trimester at " A STUDY ON THE EFFECTIVENESS OF MARKETING COMMUNICATION STRATEGIES ADOPTED BY AUTOMOBILE COMPANIES WITH SPECIAL REFERENCE TO HYUNDAI MOTOR COMPANY" in partial fulfilment of the requirements for the award of the degree of MASTER OF BUSINESS ADMINISTRATION of APJ Abdul Kalam Technological University (KTU), Thiruvananthapuram, under guidance of Mr.BOSE TOM, Associate Professor, Mangalam College of Engineering, Ettumanoor, Kottayam.

Faculty Guide

Head of the Department

DR. SIBU C CHITHRAN MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt Professor & Head. (Management Studies) Mangalam College of Engineering Ettumanoor, Kottayam

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies

Mangalam College of Engineering Ettumanoor, Kottayam

PRINC!

DEPARTMENT OF MANAGEMENT STUDIES

MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR KOTTAYAM



CERTIFICATE

This is to certify that the report titled "A study on Financial performance Analysis at Royal Enfield Itd" being submitted by Sandhya Rajan vrMLM19MBA72, in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafide record of the project work done by Sandhya Rajan VR of Mangalam Management Studies, Mangalam

College of Engineering

Poject Guide

MS. JEETHI MATHEW

Assistani Professor Iment Officaegement Studie

galam Gollege Of Engineering Ettombrear, Kottayam ETTUMA DE LA STATE DE LA STATE

Dean of the Department

Head of the Department

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Etturnanoor, Kottayam

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

PRINCIPAL PRINCESTAN ANGALAM COLLEGE OF ENGINEERS

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that the report titled "A STUDY ON RECRUITMENT AND SELECTION PROCESS OF EY (ERNST & YOUNG)" being submitted by SURYA PRABHAKARAN (MLM19MBA82) in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafide record of the project work done by SURYA PRABHAKARAN of Department of Management Studies, Mangalam College of Engineering, Ettumanoor.

Project Guide

Ms. RINTA GEORGE
Assistant Professor
Department of Management Studies
Mangalam College of Engineering
Ettumanoor, Kottayam - 686 631

ETTUMA BUTTON OF THE PARTY OF T

Head of the department

DR. SIBU C CHITHRAN
MBA M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

Dean of the department

Dean Department of Management Studies.

Margara Marie of Argaring

PRINCIPAL ANGALAM COLLEGE OF ENGINEERING Ettumanoor

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that the report titled "A STUDY ON PERFORMANCE EVALUATION OF EQUITY IN MUTUAL FUND WITH GEOJIT FINANCIAL SOLUTIONS LTD, ERNAKULAM" being submitted by Vyshakh P B, MLM19MBA99 in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafide record of the project work done by Vyshakh P B of Department of Management Studies, Mangalam College of Engineering, Ettinganoor.

Project Guide

Head of The Department

DR. SIBU C CHITHRAN
MBA M Phil,FDP (IMK) Fh0 (Mgmt), D.List
Professor & Head. (Management Studies)
Mangalam College of Engineering
LEttumanoor, Kottayam

Dean, Dept of Management studies

Prof. (Dr.) JOHN T. VARUGHESE Daan Department of Management Studies Mangalam College of Engineering Etturnanoor, Kottayam

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PRINCIPAL NGALAM COLLEGE OF ENGINEERING

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that the report titled "A STUDY ON FINANCIAL PERFORMANCE ANALYSIS AT FACT LIMITED, ELOOR" being submitted to RINTA GEORGE in partial fulfillment of the requirements for the award of the Degree of Masterof Business Administration, is aboutfide record of the project work done by AMALUMOL MADHUOJ Department of Management Studies, Mangalam College of Engineering, Ettumanoor

Project Guide

Kottayam.

Head of the Department

Ms. RINTA GEORGE

Department

Managhan O

Eligiono he a con-

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE Jean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

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MANGALAMOR

DEPAERMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that this project study report entitled "A PROJECT REPORT ON CUSTOMER SATISFACTION AND SERVICEQUALITY UNDERTAKEN AT TATA MOTORS" is a bonafide of the work done by ASHIK VIJAY, (Reg. No: MLM19MBA27), as apart of the project work during the sixth trimester in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION Of APJ Abdul Kalam Technological University (KTU) Thiruvanathapuram

Faculty Guide

Head of the Department

159 631

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE Dean Department of Management Studies Mangalam College of Engineering Etturnanoor, Kottayam

ANGALAM COLLEGED

CINEERING

DEPARTMENT OF MANAGEMENT STUDIES

MANGALAM COLLEGE OF ENGINEERNIG, ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that the report titled "A STUDY ON DEALERS PERCEPTION TOWARDS MILMA PRODUCTS WITH SPECIAL REFERENCES TO PATHANAMTHITTA DISTRICT" being submitted by Ms. DIVYA PRADEEP, Reg No: MLM19MBA38, sixth Trimester student of this institution in partial fulfilment of the requirements of the award Degree of Master of Business Administration, is bonafide record of the project work done by Ms. DIVYA PRADEEP of Department of Management Studies, Mangalam College of Engineering

Faculty Guide

Head of the Department

JITHIN JOHN
Assistant Professor
Dept. of Management Studies
Mangalam College of Engineering
Ettumanoor

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE
Dean. Department of Management Studies
Mangalam College of Engineering
Ettumanoor, Kottayam

IMIGALAM COLLEGE ENGINEER

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that the report titled "A STUDY ON FINANCIAL ANALYSIS OF SELECTED POWER SECTOR SECURITIES LISTED IN NATIONAL STOCK EXCHANGE" being submitted by Mr. JERIN JACOB JOHN, Reg No: MLM19MBA44, Sixth Trimester student of this institution in partial fulfilment of the requirements of the award Degree of Master of Business Administration, is bonafide record of the project work done by Mr. JERIN JACOB JOHN of Department of Management Studies, Mangalam College of Engineering

Faculty Guide

Ms. JEENU MATHEW
Assistant Professor

Department Of Management Studies

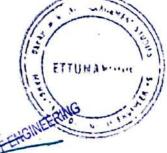
Mangalam College Of Engineering.

Dean of the Department

Head of the Department

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt,
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

Prof. (Dr) JOHN T. VARUGHESE Dean, Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam



DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR KOTTAYAM



CERTIFICATE

This is to certify that the Project report is a bonafide record of the work done by KRISHNAKUMAR M R (Reg. no: MLM19MBA51), as a part of thei Project work during the sixth trimester at "FINANCIAL STATEMENT ANALYSIS AT KERALA AGRO MACHINERY CORPORATION LIMITED" in partial fulfilment of the requirements for the award of the degree of MASTER OF BUSINESS ADMINISTRATION of APJ Abdul Kalam Technological University (KTU), Thiruvananthapuram, under guidance of Mrs.TINTA BABY, Associate Professor, Mangalam College of Engineering, Ettumanoor, Kottayam.

Head of the Department

Dean of the Department

DR. SIBU C CHITHRAN MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt Professor & Head. (Management Studies)

Mangalam College of Engineering

Ettumanoor, Kottayam

LANGALAM CO

Dean. Department of Management Studies Ettumanoor, Kottayam

Prof. (Dr) JOHN T. VARUGHESE Mangalam College of Engineering

DEPARTMENT OF MANAGEMENT STUDIES, MANGALAM COLLEGE OF ENGINEERING. ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that this Project Report is a bonafide record of the work done by Mr. MUHAMMED ALFAS CS, MLM19MBA59as a part of project work during the 6th Trimester project titled "A STUDY ON EFFECTIVENESS OF THE PRODUCT POSITIONING STRATEGIES AMONG THE CUSTOMERS OF DHANWANTHARI VAIDYASHALA, IDUKKI" in partial fulfilment of the requirements for the award of the degree of MASTER OF BUSINESS ADMINISTRARTION of the Abdul Kalam Technological University (KTU). Thiruvanthapuram.

ProjectGuide

Head of theDepartment

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE
Dean. Department of Management Studies with Manag

H

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERNIG, ETTUMANOOR KOTTAYAM



CERTIFICATE :

This is to certify that the report titled A STUDY ON FINANCIAL PERFOMANCE OF HINDUSTAN PETROLEUM CORPORATION Ltd. MUMBAI being submitted for Mr SHONE CHACKO EAPEN, Reg No. MLM19MBA75, sixth Trimester student of this distribution in partial fulfilment of the requirements of the award Degree of Master of Business Administration is a bonafide record of the project work done by Mr. SHONE CHACKO EAPEN of Department at Management Studies, Mangalam College of Entencersing

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AT A CORPORATE CONTRACTOR

Beckman Classification 5-10 Many the confined to Commercial

. Dean of the Department

Head of the Department

DR. SIBU C CHITHRAN MBA, M Phil.FDP (IIMK) PhD (Mgmi), D.Litt Professor & Head. (Management Studies) Mangalam College of Engineering Ettumanoor, Kottayam

Prof. (Dr) JOHN T, VARUGHESE Dean, Department of Management Studies Mangalam College of Engineering ! Ettumanoor, Kottayam

II

PRINCIPAL COLLEGE OF CHICA

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERNIG, ETTUMANOOR KOTTAYAM



CERTIFICATE

This is to certify that the report titled AN EXPLANATORY STUDY OF CUSTOMER SATISFACTION AT VOLKSWAGEN being submitted by Mr. THOMAS C ALPHONS, Reg No: MLM19MBA85, sixth Trimester student of this institution in partial fulfilment of the requirements of the award Degree of Master of Business Administration, is a honafide record of the project work done by Mr. THOMAS C ALPHONS of Department of Management Studies, Mangalam College of Engineering.

Exculty Guide

Assistant Professor
Dept. of Management Studies
Mangalam College of Engineering
Ettumancor

Head of the Department

DR. SIBU C CHITHRAN
MBA M.Phil,FDP (IIMK) PhD (Mgml), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

Dean of the Department

Prof. (Dr.) JOHN T. VARUGHESER Dean' Department of Management Studies Mangaldm College of Engineering Ettumanoor, Kottayam ELIAN

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINERRING ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that mini project entitled 'A Study On Financial Performance Analysis of Toyota motor Corporation' being submitted by Ms. Vidhya M Gopinath (MLM19MBA87), in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bona fide record of the project work done by Vidhya M Gopinath of Department of Management Studies, Mangalam College of Engineering, Ettumanoor, Kottayam.

Exculty Guide

Dean of the Department

Head of the Department

Ms: RINTA GEORGE Assistant Professor idment of Management Studies

DR. SIBU C CHITHRAN
MBA. M.Phil, FDP (IIMK) PhD (Mgmt), D.Lit Professor & Head. (Management Studies) Mangalam College of Engineering Ettumanoor, Kottayam

a Color of Engineering Carol, Asiayam - 080 631 .

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINERRING ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that project entitled 'A Study On Financial Performance Analysis At Hindustan Coca-Cola Beverages Private Limited Bangalore' being submitted by Mr. Aswin P S(MLM19MBA29), in partial fulfilment of the requirements for the award of the Degree of MASTER OF BUSINESS ADMINISTRATION, is a bona fide record of the project work done by Aswin P S of Department of Management Studies, Mangalam College Of Engineering, Ettumanoor, Kottayam.

Project Guide

Ms. JEENU MATHEW
Assistant Professor

Department Of Management Studies
Mangalam College Of Engineering

Ettumanoor, Kottayam-

Head of the Department

AMGALAN CO

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

Dean of the Department

Dean Department of Management Studies,
Mangalan Lotings of Etamouring
Etimalists, Nataria

West State Telling

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING KOTTAYAM



CERTIFICATE

This is to certify that the report entitled "Financial Performance Analysis of ICICI Bank, Thiruvananthapuram" being submitted by Ms. MEENU BIJU, MLM19MBA54, in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration is a bonafide record of the project work done by MEENU BIJU, Department of Management studies, Mangalam College of Engineering, Kottayam.

Faculty Guide

Ms. JEENU MATHEW

Assistant Professor Department Of Management Studies Mangaiam College Of Engineering

Etturnanoor, Kottayam

Head of Department

DR. SIBU C CHITHRAN MBA M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt

Professor & Head. (Management Studies) Mangalam College of Engineering Ettumanoor, Kottayam

Dean of department

Prof. JOHN T. VARUCHERE Dean Department of Ma Human & January

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MCHAM COLLEGE OF ENOME

DEPAERMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that "A STUDY ON THE EFFECTS OF BRAND ASSOCIATION OF AVT TEA AMOUNG HOMEMAKERS AT AVT NPL, ALUVA" being submitted by ABIJITH ASHOK MAGAR (MIMI9MBA03) as a part of the project work done during Sixth trimester in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafied record of the project work done ABIJITH ASHOK MAGAR of DEPARTMENT OF MANAGEMT STUDIES, MANGALAM COLLEGE OF ENGINEERING.

Faculty Guide

Pref. (Dr.) JOHN T. VARUGHESE Bean: Bepartment of Management Studies Mangalam College of Engineering Ellumanoor, Kottayam

Head of the Department

DR. SIBU C CHITHRAN
MBA M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgml), D.Litt
Professor & Head. (Management Studies)
(Mangalam College of Engineering
Ettumanoor, Kottayam

Dean of the Department

PRINCIPAL M COLLEGE OF ENCING

RING

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERNIG, ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that the report titled "EFFECTIVE MEANS OF CASH MANAGEMENT AT IDS NEXT BUSINESS SOLUTION BANGALORE" being submitted by Ms. AMINA ALI, Reg No: MLM19MBA16, sixth Trimester student of this institution in partial fulfilment of the requirements of the award Degree of Master of Business Administration, is bonafide record of the project work done by Ms. AMINA ALI of Department of Management Studies, Mangalam College of Engineering

Faculty Guide

Head of the Department

Ms. TINTA BABY Associate Protessor

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering

Ellumangor, Kollayam

GINEERING

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR, KOTTAYAM



CERTIFICATE

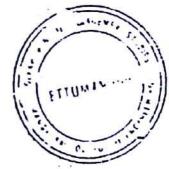
This is to certify that the report titled "BRAND LOYALTY & MARKET PREFRANCE OF ABTEC MIS AGRO BIOTECH RESEARCH CENTRE LTD" is a bonafide record of the work done by Mr. AKSHAY KUMAR P R as a part of the Project work during the Sixth Trimester in partial fulfilment of the requirements for the award of the Degree of MASTER OF BUSINESS ADMINISTRATION (MBA) of Dr A P J Abdul Kalam Technological University.

izle Professor Dept of life; agament Studies Mangalam College of Engineering
Nangalam College of Engineering

Head of the Department

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangaldm College of Engineering Etlumanoor, Kottayam



MANGALAM COLLEGE OF ENGINEERNIG, ETTUMANOOR KOTTAYAM



CERTIFICATE

This is to certify that the report inled "A STUDY ON ADVERTISING EFFECTIVENESS OF PRINT MEDIA AMONG YOUTH" being submitted by Ms DEEPA DILEEP, Reg 300 MIMIOMICAGE, sixth Trimester student of this institution in partial fulfilment of the requirements of the award Degree of Master of Business Administration, is a boost decreated of the project work done by Ms. DEEPA DILEEP of Department of Management Studies, Management College of Engineering.

Faculty Guide

DR. SIBU C CHITHRAN

MPM FDP (IIMK) PhD (Mgm), D.Ut

Lessor & Head. (Management Stadles)

Mangalam College of Engineering

Ettumanoor, Koltayam

Head of the Department

DR. SIEU C CHITHRAN
MBA, M.Prà-FDP (NAK) Pr.D (Mgml), D.Lit
Professor & Head (Management Studen)
Mangalam College of Engineering
Eltiumanoor, Kottayam

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Stufies Management College of Engineering Ettumanoor, Kottayam

IANGALAM COLLEGE THOMERIN

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that the project report on "A STUDY ON WORKING CAPITAL MANAGEMENT OF NICE CHEMICALS PVT.LTD, EDAPPALLY" is a bonafide work done by SHINNU JOHNSON (Reg. No. MLM19MBA74) submitted in partial fulfillment of the requirement for the award of the Master's Degree in Business Administration of APJ Abdul Kalam Technological University, Thiruvananthapuram during

the year 2021.

Faculty Guide

Head of the Department

DR. SIBU C CHITHRAN MBA M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt Professor & Head. (Management Studies) Dean of the Department Mangalam College of Engineering Ettúmanoor, Kottayam,

Prof. JOHN T. VA ILICENSE Dean Department of Ma Selining 特殊的原作。Office City Mainths DEPENDENT AND MADE AND

DEPARTMENT OF MANAGEMENT STUDIES

MANGALAM COLLEGE OF ENGINEERING

ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that the report entitled A STUDY ON LIQUIDITY AND PROFITABILITY ANALYSIS OF KSE LTD, IRINJALAKUDA, KERALA is being submitted by Ms.A.THASNY MOL MLM19MBA30 in partial fulfillment of the requirement for the award of the Degree of Master of Basiness Administration, is a bonafide record of the project work done by Ms.A.THASNYMOL Department of Management Studies Mangalam College of Engineering Ettumanoor.

Project Guide

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Asseciate Prospector

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Head of the department

DR. SIBU C CHITHRAN

MBA M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt

Professor & Head. (Management Studies)

Mangalam College of Finals

Mangalam College of Engineering
Ettumanoor, Kottayam

Dean of the Department

ETTUMATUR

PIGIL JOHN T. VARUCHMER

Design Daparitariot of Ligaritation 4 Street

Andrews College Frankling

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ANGALAM COLLEGE OF -

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that the Project Report is a bonafide record of the work done by AKHIL K S(Reg No: MLM19MBA07) as part of the project work during the sixth trimester on "A STUDY ON WORKING CAPITAL MANAGEMENT AT MALABAR CEMENTS LIMITED, in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of A.P.J Abdul Kalam Technological University (KTU), Thiruvananthapuram, under the guidance of Mrs.TINTA BABY, Associate Professor, Mangalam College of Engineering, Ettumanoor, Kottayam.

Project Guide

Ms. TINTA BABY

Asprelate Gratesian Peparlment of transpament Studies,

Mangalam Contract of Engineering.

Dean of the department

ETTUMA

Head of the department

DR. SIBU C CHITHRAN MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt Professor & Head. (Management Studies) Mangalam College of Engineering Ettumanoor, Kottayam

Prof. (Dr) JOHN T. VARUGHESE Dean, Department of Management Studies

Mangalam College of Engineering ttumanoor, Kottayam

ENGINEERING

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that the report titled "A STUDY ON EMPLOYEE WELFARE SCHEMES IN MRF PRIVATE LIMITED, KOTTAYAM" is a bonafide record of the work done by AMBILY K.G (Reg No: MLM19MBA15) during the sixth trimester in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of A.P.J Abdul Kalam Technological University (KTU), Thiruvananthapuram, under the guidance of Mrs.RINTA GEORGE, Assistant Professor, Mangalam College of Engineering, Ettumanoor, Kottayam.

Mrs.Rinta George

Assistant Professor

Faculty Guide

Dr. Sibu C. Chitran

Head of the Department

DR. SIBU C CHITHRAN MBA M.PHI,FDP (IMK) PHD (MOTH), DUR

Professor & Head. (Management Studies)

Mangalam College of Engineering

Ettumenoor, Kotteyam

Ms. RINTA GEORGE Assistant Professor

Assistant Professor
Department of Management Studies
Infam College of Engineering

.....nour, Kotlayarn - 686 631

Prof. Dr.John T. Varughese

Dean of the Department

Prof. JOHN T. VARUE or 12 Deun Department of Management Chichoe, Bungaran Lollege J' Physioverina

Etumania, Manyam

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERNIG, ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that the report titled "A STUDY TO UNDERSTAND THE EFFECTIVENESS OF ADVERTISEMENTS OF INDIGO PAINTS AMOUNG THE DEALERS IN PATHANAMTHITTA REGION" being submitted by Ms ANJALI S KANNAN, Reg No: MLM19MBA23, sixth Trimester student of this institution in partial fulfillment of the requirements of the award Degree of Master of Business Administration, is bonafide record of the project work done by Ms. ANJALI S KANNAN of Department of Management Studies, Mangalam College of Engineering

Faculty Guide

JITHIN JOHN
Assistant Professor
Dept. of Management Studies
Mangalam College of Engineering
Eltumanoor

Head of the Department

DR. SIBU C CHITHRAN

MBA. M.Phil.FDP (IIMK) PhD (Mgmt), D.Litt

Professor & Head. (Management Studies)

Mangalam College of Engineering

Ettumanoor, Kottayam

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE Dean Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

DEPARTMENT OF MANAGEMENT STUDIES



CERTIFICATE

This is to certify that the report titled "A STUDY ON EFFECTIVENESS OF SALES PROMOTIONAL ACTIVITIES OF VESTA ICE CREAM" being submitted by ATHUL DON JACOB in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafide record of the project work done by ATHUL DON JACOB Department of M.B.A, Mangalam College of Engineering, Ettumanoor, Kottayam.

Faculty Guide

Head of the Department

DR. SIBU C CHITHRAN MBA M.PHJ.FDP (IJMK) PhD (Mgrtl), D.U.

Professor & Head. (Management Studies) langalam College of Engineering Ettumanoor, Kottayam

MS NEETHU KUNCHERIA ASSISTANT PROFESSOR

· NEETHU KUNCHERIA Assistant Frolessor

Dean of The Department

Dept of Management Studies Mangalam College of Engineering Prof. JOHN T. VARUPTERS Education Department of Managan A. Dean Department of Management Shape Hangaran College of Empressing



DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR.



CERTIFICATE

This is to certify that the report titled "A study on the effectiveness of the marketing strategies adopted by Johnson and Johnson Pvt. Ltd." being submitted by MR. JESTIN KUNJAPPI, Reg No: MLM19MBA46, sixth Trimester student of this institution in partial fulfilment of the requirements of the award Degree of Master of Business Administration, is bonafide record of the project work done by MR. JESTIN KUNJAPPI of Department of Management Studies, Mangalam College of Engineering.

Faculty Guide

AHOL NIHTIL:

Assistant Professor Dept. of Management Studies

Mangalam College of Engineering

Ettumanoor

Head of the Department

DR. SIBU C CHITHRAN

MBA. M.Phil,FDP (IIMK) PhD (Mgml), D.Litt Professor & Head. (Management Studies) Mangalam College of Engineering

Ettumanoor, Kottayam

Dean of the Department

PTOI. JOHN T. YA RUPMENE

Daun Department of Manage 4 to 4 Streets

ANGALAM COLLEGE OF

ERING

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that the Project Report is a bonafide record of the work done by NIKHIL JOSEPH (Reg No: MLM19MBA63) as part of the project work during the sixth trimester on "A STUDY ON CUSTOMER SATISFACTION OF FIFA OIL MILLS PVT.LTD", in partial fulfillment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of A.P.J Abdul Kalam Technological University (KTU), Thiruvananthapuram, Under the guidance of Dr. SIBU C CHITHRAN, Mangalam College of Engineering, Ettumanoor, Kottavam.

Project Guide

Head of the department

Dean of the department

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

DEPARTMENT OF MANAGEMENT STUDIES

MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



This is to certify that the Report titled "A Study on the Effectiveness of Working Capital Management of Synthite Industries Private Ltd" being submitted by Ms. SILPA SIVANANDAN (Reg.No: MLM19MBA77), in partial fulfilment of the requirement for the award of the Degree of Master of Business Administration, is a bonafide record of the Project work done by Ms. SILPA SIVANANDAN of Department of Management Studies, Mangalam College of Engineering, Ettumanoor-Kottayam.

Gaculty Guide

Ms. RINTA GEORGE Assistant 5 ofcasor

Department of Maragan Studies

Mangalam College of Engineering

Ettumanoor, Kottayam - 686-631

Dean of the Department

POIL JOHN T. VARU - FYE Dean Department of Managers Affirmes,

Mangalan Lolleye u' to meering

Enumaired, Scenigam

Head of the Department

DR. SIBU C CHITHRAN

MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt Professor & Head. (Management Studies) Mangalam College of Engineering

Ettumanoor, Kottayam

ANGALAN COLL

DEPAERMENT OF MANAGEMENT STUDIESMANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



This is to certify that this project study report entitled "A STUDY ON THE EFFECTIVENESS OF INTERNET ADVERTISING ON CONSUMER BEHAVIOUR WITH SPECIAL REFERENCE TO CREATIVE MINDS TECHNOLOGIES. BANGALORE is a bonalide of the work done by SWATHV KRISHNA, (Reg. No: MLM19MBAS3), as a part of the project work during the sixth trimester in partial fulfillment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION Of API Abdul Kalam Technological University (KTU) Thiruvananthapuram.

Project Guide

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Lit
Professor & Head. (Management Studies)
Mangalam College of Engineering
Etlurianoor, Koltayam

Head of Department

DR. SIBU C CHITHRAN
MBA. M.Phil.FDP (liMK) PhD (Mgmt), D.Litt
P/diescor & Head. (Management Studies)
Mungalam College of Engineering
Ettumanoor, Kottayam

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PLUNCIPAL ENGINEERING

ANGALAM COLLEGE OF ENGINEERING

EHUMEROOF

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that this project study report entitled "A STUDY ON THE BRAND LOVALTY OF VKC PRIVATE LIMITED" is bonufide record of the work done by ABHILITH SATHEESAN (MLM19MBA01) as a part of the Project work during the sixth trimesterin partial fidfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION Kalam Technological University (KIU) # tochal of A.P.J Thirteenanthaptiram,

Project Guide

Head of the department

Dean of the department

DR. SIBUIC CHITHRAN alam College of Engineering Etturnanoot, Kottayam

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTYAM



CERTIFICATE

Place is the centre than this Project Report is a homefule record of the work done by Mrs. ANANDHAKRISHNAN, J (Reg.No; All MIPAHDADS) are a part of the Project work during the South timesester at RELIANCE JIO in partial tellipsees of the response our for the award of the degree of MASTER OF BUSINESS ADMINISTRATION (MIRA) of Abdul Kalma Trubnical University. There amont apparaturable the pushbook of Dr. SHN JAMES. Associate Postmora, Mangalam College of Engineering, Ethinianova, Kontayano.

Language of Englanding

Head of the Department

Dean of the Department

Prof (Or) Jimini Osin Deris (II Mangath

T VARUGHESE conced Studies of Engineering

> PRINCIPAL AANGALAM COLLEGE OF ENGINEERING

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CERTIFICATE

This is to certify that the Project Report entitled "A STUDY ON COST VOLUME PROFITABILITY ANALYSIS AT HINDUSTAN INSECTICIDES LTD, UDYOGAMANDAL" being submitted by MS. ASWATHY SIBY (REG NO:MLM19MBA28) as a part of the project work done during the sorth semisites in partial fulfillment of the requirement for the awill of the degree of MASTER OF BUSINESS ADMINISTRATION(MBA) as a bonafied report of project work done by Department of Massagament Studies, Mangalom College of Engineering, Emismanoon

Faulty Guide

Head of the Department

Dean of the Department

Prof. (Dr.) JOHN T. VARUGHESE Dean Department of Management Studies Mangalam College of Engineering Enumanoor, Kottayam

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that the report entitled A STUDY ON CASH MANAGEMENT AT AUTOKAST LTD CHERTHALA is being submitted by Ms.FARSA AZIZ MLM19MBA40 in partial fulfillment of the requirement for the award of the Degree of Master of Business Administration, is a bonafide record of the project work done by Ms.FARSA AZIZ Department of Management Studies Mangalam College of Engineering Ettumanoor.

Project Guide

Ms. TINTA BASY

Associate Professor

opportment of Management Studies.

Mangalam College of Engineering

Eliumanosi, kolmysm

Head of the department

DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt
Professor & Head. (Management Studies)
Mangalam College of Engineering
Ettumanoor, Kottayam

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

11

DEPARTMENT OF MANAGEMENT STUDIES, MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that the report titled "A study on inventory management at Alleppey corporative spinning mill, Kayamkulam" being submitted by Jiji Raj (MLM19MBA48), in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafide record of the project work done by Jiji Raj of Department of management studies, Mangalam college of engineering, Ettumanoor.

Project guide

Head of the department

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Dean of the department

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

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DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



CERTIFICATE

This is to certify that the report entitled "A Study on Quality Work Life of People at THE REGIONAL AGRO INDUSTRIAL DEVELOPMENT CO-OPERATIVE OF KERALA LIMITED [RAIDCO]"being submitted by Mr. LOUSAN T JOSEPH, MLM19MBA53, in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration is a bonafied record of the project work done by Mr.LOUSAN T JOSPEH, Department of Management studies, Mangalam college of engineering, Kottayam.

Associate Professor

Department of Management Studius

Mangalam College of Engineering

Ettumanoor, Kottayam

Head of department

DR. SIBU C CHITHRAN
MBA MLPHLFDP (MMQ PHD (Mgm)(DLM
Professor & Head (Management Stadies) Mangalam College of Engineering Ethomanoor, Koltayam

Dean of department

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR. KOTTAYAM



CERTIFICATE

This is to certify that the Project Report is a bonafide record of the work done by NANDHANA NANDHAKUMAR (Reg No: MLM19MBA60) as part of the project work during the sixth trimester on "A STUDY ON WORKING CAPITAL ASSESSMENT" in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of A.P.J Abdul Kalam Technological University (KTU), Thiruvananthapuram, under the guidance of Ms. TINTA BABY, Associate Professor, Mangalam College of Engineering, Ettumanoor, Kottayam.

Project Guide

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Head of the Department

Acceptant Course Caparineal of the course

TAS, THUTABAD

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DR. SIBU C CHITHRAN
MBA. M.Phil,FDP (IIMK) PhD (Mgml), D.Lit
Professor & Head. (Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

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DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINERRING ETTUMANOOR, KOTTAYAM



CERTIFICATE

This is to certify that major project entitle "titled Impact Of Technology On Payment, Clearing And Settlement -A Study On Block chain Technology being submitted by PRIYANKA S, MLM19MBA68, in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration, is a bonafide record of the project work done PRIYANKA S of Department of Management Studies, Mangalam College Of Engineering, Ettumanoor, Kottayam.

MS. TINTA BABY

Associate Professo Department of Manageme

Mangalam College of Engl

Ellumanour, Kottaya

Head of the Department

DR. SIBU C CHITHRAN MBA M.Phil,FDP (IIMK) PhD (Mgmt), D.Litt Professor & Head. (Management Studies)

Dean of the Department Mangalam College of Engineering

Ettumanoor, Kottayam

Prof. (Dr) JOHN T. VARUGHESE Dean. Department of Management Studies Mangalam College of Engineering Ettumanoor, Kottayam

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DEPARRMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that this project study report entitled "A PROJECT REPORT ON ADVERTISEMENT EFFECTIVENESS AND BUYING PREFERENCE WITH SPECIAL REFERENCE TO SAMSUNG MOBILES" is a bonafide of the work done by SNEHA MARIAM IYPE, (Reg. No: MLM19MBA78), as a part of the project work during the sixth trunester in partial fulfilment of the requirements of the degree of MASTER OF BUSINESS ADMINISTRATION of APJ Abdul Kalam Technological University (KTU), Thirnyananthapuram.

Sign places are Associate Profession Dept of Management Studies Mangagin Cullege of Engineering

Enumerican, Kollayam -686 831

Dean of the Department

Prof. (Dr) JOHN T. VARUGHESE

DEPARTMENT OF MANAGEMENT STUDIES MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR KOTTAYAM



CERTIFICATE

This is to certify that this project Report is a bonafide record of the work done by THASNI S (Reg. no: MLM19MBA84), during the sixth trimester at "RELIANCE SMART (RELIANCE RETAIL LTD). COCHIN in partial fulfilment of the requirements for the award of the degree of MASTER OF BUSINESS ADMINISTRATION of APJ Abdul Kalam Technological University (KTU), Thiruvananthapuram under guidance of DR.SIBU C CHITRAN, Head of the Department, Mangalam College of Engineering, Ettumanoor,

Kottayam.

(Project Guide)

ETTUNAMENTA

(Head of the Department)

DR. SIEU C CLITTUDAN

MBA M.Phil,FDP (IIMA): .

Professor & Head. (Management Studies)

Mangalam College of Engineering Etturnanoor, Kottayam

DR. SIBU C CHITHRAN MBA. M.Phi,FDP (IIMK) PhD (Mgmt), D.Lid

Professor & Head. (Management Studies) Mangalam College of Engineering

Ettumanoor, Kottayam

Prof. (Dr) JOHN T. VARUGHESE

Dean, Department of Management Studies Mangalam College of Engineering Etturnanoor, Kottayam