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3.5.1 COLLABORATIVE ACTIVITIES

Academic Year	Faculty Exchange	Internship
2023-2024	16	529



Co-ordinator


Principal



विश्वं शास्त्रं प्रतिष्ठितम्।

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Internal Quality Assurance Cell (IQAC)

MANGALAM COLLEGE OF ENGINEERING

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

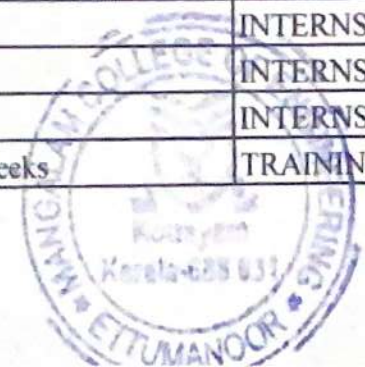
Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Link to the relevant document
1	Building Construction	AM Associates, Kottayam	Anjima V M	2023-2024	5	INTERNSHIP	https://drive.google.com/drive/folders/1TpxVHEzZC7kbYZLwQBfj--nMxNxzaly5?usp=drive-link
2	Building Construction	AM Associates, Kottayam	Anagha Satheesh	2023-2024	5	INTERNSHIP	
3	Building Construction	AM Associates, Kottayam	Anvitha P K	2023-2024	5	INTERNSHIP	
4	Building Construction	AM Associates, Kottayam	Anjali S	2023-2024	5	INTERNSHIP	
5	Building Construction	AM Associates, Kottayam	Anumol R	2023-2024	5	INTERNSHIP	
6	Building Construction	AM Associates, Kottayam	Abhimanyu Sanalkumar	2023-2024	5	INTERNSHIP	
7	Building Construction	AM Associates, Kottayam	Arjun suresh	2023-2024	5	INTERNSHIP	
8	Building Construction	AM Associates, Kottayam	Abhijith Jayan	2023-2024	5	INTERNSHIP	
9	Building Construction	AM Associates, Kottayam	Akshay M S	2023-2024	5	INTERNSHIP	
10	Building Construction	AM Associates, Kottayam	Abhiram Chandran	2023-2024	5	INTERNSHIP	
11	Building Construction	AM Associates, Kottayam	Abhishek N M	2023-2024	5	INTERNSHIP	
12	Building Construction	AM Associates, Kottayam	Ashwin P Vinod	2023-2024	5	INTERNSHIP	
13	Piling works	Kuttickattu Builders, Thiruvalla	Abhijith M A	2023-2024	5	INTERNSHIP	
14	Piling works	Kuttickattu Builders, Thiruvalla	Abhijith P	2023-2024	5	INTERNSHIP	
15	Piling works	Kuttickattu Builders, Thiruvalla	Achu Vijayan	2023-2024	5	INTERNSHIP	
16	Piling works	Kuttickattu Builders, Thiruvalla	Anchal S	2023-2024	5	INTERNSHIP	
17	Piling works	Kuttickattu Builders, Thiruvalla	Arjun V S	2023-2024	5	INTERNSHIP	
18	Piling works	Kuttickattu Builders, Thiruvalla	Ardra Ajith	2023-2024	5	INTERNSHIP	
19	Piling works	Kuttickattu Builders,	Aiswarya Lakshmi	2023-2024	5	INTERNSHIP	
20	Building Construction	DIA Concepts, Kochi	Afida Anwar	2023-2024	5	INTERNSHIP	
21	Building Construction	DIA Concepts, Kochi	Ajmal Fazel	2023-2024	5	INTERNSHIP	
22	Water Treatment works	LSGD Division Office, Idukki	Akshaya Biju	2023-2024	3	INTERNSHIP	
23	Building Construction	Prasanthi Constructions	Anugraha S Suresh	2023-2024	5	INTERNSHIP	
24	Building Construction	Nibras Construction	LITTO K M	2023-2024	4	INTERNSHIP	
25	Building Construction	Global Constructions	Riza Fathima N	2024	5	INTERNSHIP	
26	Building Construction	Global Constructions	Subinsha S	2024	5	INTERNSHIP	
27	Building Construction	Global Constructions	Renjana Radhakrishnan	2024	5	INTERNSHIP	



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28	Building Construction	Global Constructions	Krishnendhu R	2024	5	INTERNSHIP	
29	Building Construction	Global Constructions	Sona Rachel	2024	5	INTERNSHIP	
30	Building Construction	Global Constructions	Noora Fathima	2024	5	INTERNSHIP	
31	Building Construction	Global Constructions	Devika Aravind	2024	5	INTERNSHIP	
32	Building Construction	Global Constructions	Megha madhu	2024	5	INTERNSHIP	
33	Building Construction	Global Constructions	Nazeem K Navas	2024	5	INTERNSHIP	
34	Building Construction	Global Constructions	Adarsh S	2024	5	INTERNSHIP	
35	Building Construction	Global Constructions	Riza Fathima N	2024	5	INTERNSHIP	
36	Building Construction	Global Constructions	Subinsha S	2024	5	INTERNSHIP	
37	Building Construction	Global Constructions	Renjana Radhakrishnan	2024	5	INTERNSHIP	
38	Building Construction	Global Constructions	Krishnendhu R	2024	5	INTERNSHIP	
39	Building Construction	Global Constructions	Sona Rachel	2024	5	INTERNSHIP	
40	Building Construction	Global Constructions	Noora Fathima	2024	5	INTERNSHIP	
41	Building Construction	Global Constructions	Devika Aravind	2024	5	INTERNSHIP	
42	Building Construction	Global Constructions	Megha madhu	2024	5	INTERNSHIP	
43	Building Construction	Global Constructions	Nazeem K Navas	2024	5	INTERNSHIP	
44	Building Construction	Global Constructions	Adarsh S	2024	5	INTERNSHIP	
45	Building Construction	Global Constructions	Shiyas	2024	5	INTERNSHIP	
46	Building Construction	Global Constructions	Jaseem K Jalal	2024	5	INTERNSHIP	
47	Building Construction	Global Constructions	Sreenath R	2024	5	INTERNSHIP	
48	Building Construction	Global Constructions	Arjun s nair	2024	5	INTERNSHIP	
49	Building Construction	Solid Engineering and	SAMUEL C	2024	5	INTERNSHIP	
50	Building Construction	Solid Engineering and	EPHRAIM JOSE	2024	5	INTERNSHIP	
51	Building Construction	Solid Engineering and	NANDHU P	2024	5	INTERNSHIP	
52	Building Construction	Solid Engineering and	JOYAL BIBU	2024	5	INTERNSHIP	
53	Building Construction	Solid Engineering and	ATHIL NISHAD	2024	5	INTERNSHIP	
54	Building Construction	Solid Engineering and	KURUVILA JOSEPH	2024	5	INTERNSHIP	
55	Building Construction	Solid Engineering and	HERALD LUKE	2024	5	INTERNSHIP	
56	Building Construction	Solid Engineering and	UTHRAJA PRAKASH	2024	5	INTERNSHIP	
57	Building Construction	Solid Engineering and	SAMUEL C	2024	5	INTERNSHIP	
58	Building Construction	Solid Engineering and	JHYOLZINA V G	2024	5	INTERNSHIP	
59	Building Construction	Solid Engineering and	AARYAK LAL M S	2024	5	INTERNSHIP	
60	Building Construction	Solid Engineering and	RENJITH RAVEENDRAN	2024	5	INTERNSHIP	
61	Building Construction	Solid Engineering and	SAHAD SHUKOOR	2024	5	INTERNSHIP	
62	Building Construction	Girideepam College site	MUHAMMED YASEEN P S	2024	5	INTERNSHIP	



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63	Building Construction	Girideepam College site	MUFLIH BIN HARIS	2024	5	INTERNSHIP
64	Building Construction	Girideepam College site	ABHIJITH SHAJI	2024	5	INTERNSHIP
65	Building Construction	Girideepam College site	DONO JACOB GEORGE	2024	5	INTERNSHIP
66	Building Construction	Girideepam College site	SAHAD MUHAMMED E S	2024	5	INTERNSHIP
67	Building Construction	Girideepam College site	AMAL KRISHNAN	2024	5	INTERNSHIP
68	Building Construction	Girideepam College site	ASWATHY HARIDAS	2024	5	INTERNSHIP
69	Building Construction	Girideepam College site	ALIA FATHIMA	2024	5	INTERNSHIP
70	Building Construction	Girideepam College site	FATHIMA NOURIN S	2024	5	INTERNSHIP
71	Building Construction	Girideepam College site	SAHALA FATHIMA E S	2024	5	INTERNSHIP
72	Building Construction	Girideepam College site	SANDRA SATHYAN	2024	5	INTERNSHIP
73	Building Construction	Girideepam College site	SREELEKSHMI B	2024	5	INTERNSHIP
74	Road Construction	Nattokom Site	ARAVIND K RAMESH	2024	5	INTERNSHIP
75	Road Construction	Nattokom Site	ANANDHAKRISHNAN T K	2024	5	INTERNSHIP
76	Road Construction	Nattokom Site	ABHIJITH BAIJU	2024	5	INTERNSHIP
77	Road Construction	Nattokom Site	ALBIN RAJAN	2024	5	INTERNSHIP
78	Road Construction	Nattokom Site	ANANDHU REJI	2024	5	INTERNSHIP
79	Road Construction	Nattokom Site	ANANDHU P A	2024	5	INTERNSHIP
80	Road Construction	Nattokom Site	ATHUL S	2024	5	INTERNSHIP
81	Road Construction	Nattokom Site	AJITH SUNIL	2024	5	INTERNSHIP
82	Road Construction	Nattokom Site	ASWANTH PRAKASAN	2024	5	INTERNSHIP
83	Road Construction	Nattokom Site	ABIN PAULOSE	2024	5	INTERNSHIP
84	Road Construction	Nattokom Site	ANANDHU SHIBI	2024	5	INTERNSHIP
85	Structural Works	Elcastilo PVT LTD	TRISHA K PRAKASH	2024	5	INTERNSHIP
86	Structural Works	Elcastilo PVT LTD	POOJAMOL S	2024	5	INTERNSHIP
87	Structural Works	Elcastilo PVT LTD	PRIYA BABU	2024	5	INTERNSHIP
88	Structural Works	Elcastilo PVT LTD	ALEENA BENNY	2024	5	INTERNSHIP
89	Structural Works	Elcastilo PVT LTD	SRUTHY SAJITH	2024	5	INTERNSHIP
90	Structural Works	Elcastilo PVT LTD	ABIYA ANNA MATHEWS	2024	5	INTERNSHIP
91	Structural Works	Elcastilo PVT LTD	THOPPIL	2024	5	INTERNSHIP
92	Structural Works	Elcastilo PVT LTD	ABHIRAMI SURESH	2024	5	INTERNSHIP
93	Structural Works	Elcastilo PVT LTD	HARSHA HAREESH	2024	5	INTERNSHIP
94	Structural Works	Elcastilo PVT LTD	BESTY JOSE	2024	5	INTERNSHIP
95	Structural Works	Elcastilo PVT LTD	AMALU LENIN	2024	5	INTERNSHIP
96	Structural Works	Elcastilo PVT LTD	GREESHMA	2024	5	INTERNSHIP
97	Structural Design	Artwall Designs, Bangalore	Niranjana Jayaraj	2023	8 weeks	TRAINING



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98	Faculty Exchange	Saintgits College of	Ms. Sipli Abraham	2023	30/11/23	Question Papers	
99	Faculty Exchange	Saintgits College of	Ms. Rakhi Sugunan	2024	29/01/24 & 30/01/24	Examiner for conducting	
100	Faculty Exchange	Saintgits College of	Ms. Sipli Abraham	2024	01/03/24 to 05/03/24	Examiner for conducting	
101	Faculty Exchange	Saintgits College of	Ms. Sipli Abraham	2024	06/03/24	Examiner for conducting	
102	Faculty Exchange	Saintgits College of	Ms. Sipli Abraham	2024	19/06/24	Examiner for Mini project	
103	AI & ML	KELTRON	ABHINAV KRISHNA S	2024	1 WEEK	INTERNSHIP	
104	FLUTTER	REVER TECH	ABHISHEK J	2024	1 WEEK	INTERNSHIP	
105	FLUTTER	REVER TECH	ABHISHEK NAIR	2024	1 WEEK	INTERNSHIP	
106	FLUTTER	REVER TECH	ADITHYAN M	2024	1 WEEK	INTERNSHIP	
107	AI & ML	KELTRON	ADITHYAN R PILLAI	2024	1 WEEK	INTERNSHIP	
108	AI & ML	KELTRON	ADVAITH G	2024	1 WEEK	INTERNSHIP	
109	AI & ML	KELTRON	AGNASS GEORGE	2024	1 WEEK	INTERNSHIP	
110	FLUTTER	REVER TECH	AHAMMED FAWAZ	2024	1 WEEK	INTERNSHIP	
111	DEVELOPMENT	TOUCHQ	AISWARYA MADHU	2024	5 DAYS	INTERNSHIP	
112	AI & ML	KELTRON	AKASH ANIL	2024	1 WEEK	INTERNSHIP	
113	FLUTTER	REVER TECH	ALBERT SAJI	2024	1 WEEK	INTERNSHIP	
114	AI & ML	KELTRON	ANAGHA K B	2024	1 WEEK	INTERNSHIP	
115	FLUTTER	REVER TECH	ANAND M S	2024	1 WEEK	INTERNSHIP	
116	CYBER FORENSIC	NYESTE VENTURE	ANDREA SEBASTIAN	2024	5 DAYS	INTERNSHIP	
117	AI & ML	KELTRON	ANGEL SUNNY	2024	1 WEEK	INTERNSHIP	
118	AI & ML	KELTRON	ANJALY H KRISHNA	2024	1 WEEK	INTERNSHIP	
119	DEVELOPMENT	TOUCHQ	ANJU RAJ N	2024	5 DAYS	INTERNSHIP	
120	AI & ML	KELTRON	ANSIYA S	2024	1 WEEK	INTERNSHIP	
121	DEVELOPMENT	TOUCHQ	ASWATHI AJITHKUMAR	2024	5 DAYS	INTERNSHIP	
122	DEVELOPMENT	TOUCHQ	ASWATHY M P	2024	5 DAYS	INTERNSHIP	
123	AI & ML	KELTRON	B HARIDEV	2024	1 WEEK	INTERNSHIP	
124	AI & ML	KELTRON	BADUSHA FAIZAL	2024	1 WEEK	INTERNSHIP	
125	AI & ML	KELTRON	BEEMA FATHIMA	2024	1 WEEK	INTERNSHIP	
126	FLUTTER	REVER TECH	BENNET VARGHESE REJI	2024	1 WEEK	INTERNSHIP	
127	FLUTTER	REVER TECH	BINIL BIJU	2024	1 WEEK	INTERNSHIP	
128	DEVELOPMENT	TOUCHQ	D SALINI	2024	5 DAYS	INTERNSHIP	
129	DEVELOPMENT	TOUCHQ	DEVAPRIYA B	2024	5 DAYS	INTERNSHIP	
130	FLUTTER	REVER TECH	DHANUSH B NAIR	2024	1 WEEK	INTERNSHIP	
131	FLUTTER	REVER TECH	FENIL AJU	2024	1 WEEK	INTERNSHIP	
132	GENERATIVE AI AND ML	QNAYDS	ATHUL M NAIR	2024	5 DAYS	INTERNSHIP	

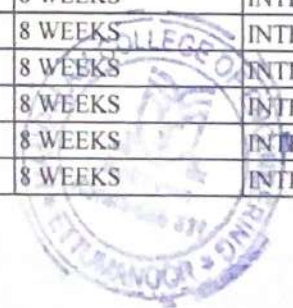


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133	GENERATIVE AI AND ML	QNAYDS	DHANUSH B NAIR	2024	5 DAYS	INTERNSHIP	
134	GENERATIVE AI AND ML	QNAYDS	FENIL AJU	2024	5 DAYS	INTERNSHIP	
135	GENERATIVE AI AND ML	QNAYDS	ABHISHEK J	2024	5 DAYS	INTERNSHIP	
136	GENERATIVE AI AND ML	QNAYDS	ABHISHEK NAIR	2024	5 DAYS	INTERNSHIP	
137	GENERATIVE AI AND ML	QNAYDS	ADITHYAN M	2024	5 DAYS	INTERNSHIP	
138	PROGRAMMING AND	CODE DESIGN	ANAND M S	2024	1 WEEK	INTERNSHIP	
139	PROGRAMMING AND	CODE DESIGN	ANJALY H KRISHNA	2024	1 WEEK	INTERNSHIP	
140	PROGRAMMING AND	CODE DESIGN	BENNET VARGHESE REJI	2024	1 WEEK	INTERNSHIP	
141	PROGRAMMING AND	CODE DESIGN	ANAGHA K B	2024	1 WEEK	INTERNSHIP	
142	PROGRAMMING AND	CODE DESIGN	ANSIYA S	2024	1 WEEK	INTERNSHIP	
143	PROGRAMMING AND	CODE DESIGN	GOKUL KRISHNA O	2024	1 WEEK	INTERNSHIP	
144	PROGRAMMING AND	CODE DESIGN	ASHIQYE P	2024	1 WEEK	INTERNSHIP	
145	PROGRAMMING AND	CODE DESIGN	ADVAITH G	2024	1 WEEK	INTERNSHIP	
146	PROGRAMMING AND	CODE DESIGN	AKHIL SADANANTHAN	2024	1 WEEK	INTERNSHIP	
147	PROGRAMMING AND	CODE DESIGN	ANGEL GEORGE	2024	1 WEEK	INTERNSHIP	
148	PROGRAMMING AND	CODE DESIGN	ANJANA MANOJ	2024	1 WEEK	INTERNSHIP	
149	PROGRAMMING AND	CODE DESIGN	ASHIN GEORGE	2024	1 WEEK	INTERNSHIP	
150	PROGRAMMING AND	CODE DESIGN	AKSHAY C	2024	1 WEEK	INTERNSHIP	
151	PROGRAMMING AND	CODE DESIGN	ADHIL MUHAMMED	2024	1 WEEK	INTERNSHIP	
152	PROGRAMMING AND	CODE DESIGN	ALBIN S THOMAS	2024	1 WEEK	INTERNSHIP	
153	ROBOTICS AND IOT	QNAYDS	ALBERT SAJI	2024	7 DAYS	INTERNSHIP	
154	WEB DEVELOPMENT	TORC INFOTECH	ALBERT SCARIA	2024	18 DAYS	INTERNSHIP	
155	WEB DEVELOPMENT	TORC INFOTECH	ARJUN SAJEEV	2024	18 DAYS	INTERNSHIP	
156	WEB DEVELOPMENT	TORC INFOTECH	AMITA S	2024	18 DAYS	INTERNSHIP	
157	WEB DEVELOPMENT	TORC INFOTECH	GOPIKA PRAKASH	2024	18 DAYS	INTERNSHIP	
158	WEB DEVELOPMENT	TORC INFOTECH	BHAVYA V RENJITH	2024	18 DAYS	INTERNSHIP	
159	WEB DEVELOPMENT	TORC INFOTECH	ANGEL SUNNY	2024	15 DAYS	INTERNSHIP	
160	WEB DEVELOPMENT	TORC INFOTECH	ALBIN V SOJU	2024	18 DAYS	INTERNSHIP	
161	DATA SCIENCE	KELTRON	ATHUL KRISHNA	2024	7 DAYS	INTERNSHIP	
162	DATA SCIENCE	KELTRON	AMEER KS	2024	7 DAYS	INTERNSHIP	
163	DATA SCIENCE	KELTRON	ABHINAV KRISHNA S	2024	7 DAYS	INTERNSHIP	
164	AUTO CAD	CADD INTERNATIONAL	ANDREA SEBASTIAN	2024	7 DAYS	INTERNSHIP	
165	AUTO CAD	CADD INTERNATIONAL	GOPIKA BABURAJ	2024	5 DAYS	INTERNSHIP	
166	ETHICAL HACKING	GENZEE TECHNOLOGIES	ABIN SHIJO	2024	7 DAYS	INTERNSHIP	
167	ROBOTICS	NYESTE VENTURE	AKSHAYA C	2024	5 DAYS	INTERNSHIP	

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168	CYBER SECURITY	NYESTE VENTURE	AAYUSHI RAJESH	2024	5 DAYS	INTERNSHIP	
169	AUTO CAD	CAD INTERNATIONAL	ARYA PREM	2024	5 DAYS	INTERNSHIP	
170	DEVELOPMENT	GENZEE TECHNOLOGIES	DEVIKA S BINU	2024	7 DAYS	INTERNSHIP	
171	AI and ML	KELTRON	ADITHYAN R	2024	7 DAYS	INTERNSHIP	
172	AI and ML	KELTRON	GOWRI S PREM	2024	7 DAYS	INTERNSHIP	
173	AI and ML	KELTRON	HIBA FATHIMA	2024	7 DAYS	INTERNSHIP	
174	AI and ML	KELTRON	JAYAKRISHNAN MG	2024	7 DAYS	INTERNSHIP	
175	AI and ML	KELTRON	KHADEEJA REJI	2024	7 DAYS	INTERNSHIP	
176	AI and ML	KELTRON	KRISHNENDHU J	2024	7 DAYS	INTERNSHIP	
177	AI and ML	KELTRON	MEENAKSHI J	2024	7 DAYS	INTERNSHIP	
178	AI and ML	KELTRON	THOMAS	2024	7 DAYS	INTERNSHIP	
179	AI and ML	KELTRON	PARVATHI P	2024	7 DAYS	INTERNSHIP	
180	AI and ML	KELTRON	POOJA AJAY	2024	7 DAYS	INTERNSHIP	
181	AI and ML	KELTRON	RESHMI RAMESH	2024	7 DAYS	INTERNSHIP	
182	AI and ML	KELTRON	SAYAHNA S BABU	2024	7 DAYS	INTERNSHIP	
183	AI and ML	KELTRON	SHAHANA BHANU ES	2024	7 DAYS	INTERNSHIP	
184	AI and ML	KELTRON	SONA SOJAN	2024	7 DAYS	INTERNSHIP	
185	AI and ML	KELTRON	SUHAILA NAZEER	2024	7 DAYS	INTERNSHIP	
186	AI and ML	KELTRON	VIDHYA KB	2024	7 DAYS	INTERNSHIP	
187	AI and ML	KELTRON	VINAYAK S	2024	7 DAYS	INTERNSHIP	
188	python	STEM Robotics	EBNU HAJEESH	2024	5 DAYS	INTERNSHIP	
189	Networking	MSME-TDC	KRISHNAPRASAD S	2024	15 DAYS	INTERNSHIP	
190	Networking	MSME-TDC	NEHA MARIA SHAJI	2024	15 DAYS	INTERNSHIP	
191	Full Stack Development	MASHUPTECH , Infopark,	ABHIRAM T K	2024	8 WEEKS	INTERNSHIP	
192	Development	RALFIZ Technologies,	ANJU BABU	2024	8 WEEKS	INTERNSHIP	
193	Full StackDevelopment	MASHUPTECH , Infopark,	ASHIK DAS T H	2024	8 WEEKS	INTERNSHIP	
194	Full Stack Development	MASHUPTECH , Infopark,	ATHIRA K	2024	8 WEEKS	INTERNSHIP	
195	Full Stack Development	MASHUPTECH , Infopark,	BIYA BIJOY	2024	8 WEEKS	INTERNSHIP	
196	Full Stack Development	MASHUPTECH , Infopark,	CHANDRALEKHA J	2024	8 WEEKS	INTERNSHIP	
197	Full Stack Development	MASHUPTECH , Infopark,	EBIN PETER	2024	8 WEEKS	INTERNSHIP	
198	Full Stack Development	MASHUPTECH , Infopark,	JASEELA JAMALU	2024	8 WEEKS	INTERNSHIP	
199	Full Stack Development	MASHUPTECH , Infopark,	JOSMI P J	2024	8 WEEKS	INTERNSHIP	
200	Full Stack Development	MASHUPTECH , Infopark,	KAVYA L	2024	8 WEEKS	INTERNSHIP	
201	Development	RALFIZ Technologies,	KICHU DILEEP	2024	8 WEEKS	INTERNSHIP	
202	Full Stack Development	MASHUPTECH , Infopark,	MALAVIKA PRASAD	2024	8 WEEKS	INTERNSHIP	



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203	Full Stack Development	MASHUPTECH , Infopark,	NEENU JOSEPH	2024	8 WEEKS	INTERNSHIP	
204	Full Stack Development	MASHUPTECH , Infopark,	REENU JOSEPH	2024	8 WEEKS	INTERNSHIP	
205	Full Stack Development	MASHUPTECH , Infopark,	RIYA BABY	2024	8 WEEKS	INTERNSHIP	
206	Full Stack Development	MASHUPTECH , Infopark,	ROHITH RAJU	2024	8 WEEKS	INTERNSHIP	
207	& NETWORKING	MSME-TDC, EC-Ettumanoor	Devika Dileep	2023	96 hours	Training	
208	& NETWORKING	MSME-TDC, EC-Ettumanoor	Krishnaja Sabu	2023	96 hours	Training	
209	& NETWORKING	MSME-TDC, EC-Ettumanoor	Neha Siva	2023	96 hours	Training	
210	& NETWORKING	MSME-TDC, EC-Ettumanoor	Devakrishnan P H	2023	96 hours	Training	
211	& NETWORKING	MSME-TDC, EC-Ettumanoor	Adithya Surendran	2023	96 hours	Training	
212	& NETWORKING	MSME-TDC, EC-Ettumanoor	Jasmin Anna John	2023	96 hours	Training	
213	& NETWORKING	MSME-TDC, EC-Ettumanoor	Keerthana Suresh	2023	96 hours	Training	
214	& NETWORKING	MSME-TDC, EC-Ettumanoor	Bigil Paul Basil	2023	96 hours	Training	
215	& NETWORKING	MSME-TDC, EC-Ettumanoor	Nirmal Krishna G	2023	96 hours	Training	
216	& NETWORKING	MSME-TDC, EC-Ettumanoor	Nikhil Krishna G	2023	96 hours	Training	
217	& NETWORKING	MSME-TDC, EC-Ettumanoor	Praveen V Nair	2023	96 hours	Training	
218	& NETWORKING	MSME-TDC, EC-Ettumanoor	Parvathy Adivakkal Kiran	2023	96 hours	Training	
219	& NETWORKING	MSME-TDC, EC-Ettumanoor	Siddarth s parthan	2023	96 hours	Training	
220	& NETWORKING	MSME-TDC, EC-Ettumanoor	Sravan k s	2023	96 hours	Training	
221	& NETWORKING	MSME-TDC, EC-Ettumanoor	Emil Paul Shaji	2023	96 hours	Training	
222	& NETWORKING	MSME-TDC, EC-Ettumanoor	Treesa Biju	2023	96 hours	Training	
223	& NETWORKING	MSME-TDC, EC-Ettumanoor	Ann Merin Mathew	2023	96 hours	Training	
224	& NETWORKING	MSME-TDC, EC-Ettumanoor	Adithya S Nadh	2023	96 hours	Training	
225	& NETWORKING	MSME-TDC, EC-Ettumanoor	Vaishnavi Sanjeev	2023	96 hours	Training	
226	& NETWORKING	MSME-TDC, EC-Ettumanoor	Adithya Anup	2023	96 hours	Training	
227	& NETWORKING	MSME-TDC, EC-Ettumanoor	Arya S Pillai	2023	96 hours	Training	
228	& NETWORKING	MSME-TDC, EC-Ettumanoor	Devinandhana	2023	96 hours	Training	
229	Internet of Things	Facien Technologies	ABHIJITH B PILLAI	2024	(05/02/2024-	Internship	
230	Internet of Things	Facien Technologies	ABHINAND ROY	2024	(05/02/2024-	Internship	
231	Internet of Things	Facien Technologies	ADITHYA ANOOP	2024	(05/02/2024-	Internship	
232	Internet of Things	Facien Technologies	AJAY ANTONY	2024	(05/02/2024-	Internship	
233	Internet of Things	Facien Technologies	AJAY RAJEEV	2024	(05/02/2024-	Internship	
234	Internet of Things	Facien Technologies	AJMAL AL AMEED	2024	(05/02/2024-	Internship	
235	Internet of Things	Facien Technologies	AJMAL T MOHAMMED	2024	(05/02/2024-	Internship	
236	Internet of Things	Facien Technologies	AKAMSHA ANILKUMAR	2024	(05/02/2024-	Internship	
237	Internet of Things	Facien Technologies	AKASH JOSEPH A	2024	(05/02/2024-	Internship	



Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Link to the relevant document
238	Internet of Things	Facien Technologies	AKSHAYKRISHNA B	2024	(05/02/2024-	Internship	https://www.mangalam.ac.in/ece/events
239	Internet of Things	Facien Technologies	ALPHY BABY	2024	(05/02/2024-	Internship	
240	Internet of Things	Facien Technologies	AMRITHA T	2024	(05/02/2024-	Internship	
241	Internet of Things	Facien Technologies	AMAN ABDUL KHADER	2024	(05/02/2024-	Internship	
242	Internet of Things	Facien Technologies	ANJANA G NAIR	2024	(05/02/2024-	Internship	
243	Internet of Things	Facien Technologies	ANNAMOL T J	2024	(05/02/2024-	Internship	
244	Internet of Things	Facien Technologies	ANN LIYA MARIYA	2024	(05/02/2024-	Internship	
245	Internet of Things	Facien Technologies	ANSA THERESE	2024	(05/02/2024-	Internship	
246	Internet of Things	Facien Technologies	ARDRA NAIR A	2024	(05/02/2024-	Internship	
247	Internet of Things	Facien Technologies	ARJUN P MANOJ	2024	(05/02/2024-	Internship	
248	Internet of Things	Facien Technologies	ARJUN S	2024	(05/02/2024-	Internship	
249	Internet of Things	Facien Technologies	ARJUN VIJAYAKUMAR	2024	(05/02/2024-	Internship	
250	Internet of Things	Facien Technologies	ARYA S PILLAI	2024	(05/02/2024-	Internship	
251	Internet of Things	Facien Technologies	ASWIN S	2024	(05/02/2024-	Internship	
252	Internet of Things	Facien Technologies	AVINASH UNNI	2024	(05/02/2024-	Internship	
253	Internet of Things	Facien Technologies	BINIL SUNNY I C	2024	(05/02/2024-	Internship	
254	Internet of Things	Facien Technologies	DEEPAK S	2024	(05/02/2024-	Internship	
255	Internet of Things	Facien Technologies	DEVINANDANA	2024	(05/02/2024-	Internship	
256	Internet of Things	Facien Technologies	DEVI S KUMAR	2024	(05/02/2024-	Internship	
257	Internet of Things	Facien Technologies	ELVIN JOSE	2024	(05/02/2024-	Internship	
258	Internet of Things	Facien Technologies	ESWAR ARAVIND	2024	(05/02/2024-	Internship	
259	Internet of Things	Facien Technologies	GEOFF GEORGE	2024	(05/02/2024-	Internship	
260	Internet of Things	Facien Technologies	GOVIND S	2024	(05/02/2024-	Internship	
261	Internet of Things	Facien Technologies	JINSON P JOSE	2024	(05/02/2024-	Internship	
262	Internet of Things	Facien Technologies	JIYON BABU	2024	(05/02/2024-	Internship	
263	Internet of Things	Facien Technologies	JOSHUA K JOSEPH	2024	(05/02/2024-	Internship	
264	Internet of Things	Facien Technologies	KRIPA SANTHOSH	2024	(05/02/2024-	Internship	
265	Internet of Things	Facien Technologies	KRISHNADEV G	2024	(05/02/2024-	Internship	
266	Internet of Things	Facien Technologies	KRISHNAND K P	2024	(05/02/2024-	Internship	
267	Internet of Things	Facien Technologies	MEENAKSHI MOHAN	2024	(05/02/2024-	Internship	
268	Internet of Things	Facien Technologies	MERIN DOMINIC	2024	(05/02/2024-	Internship	
269	Internet of Things	Facien Technologies	NADHANA SUJESH	2024	(05/02/2024-	Internship	
270	Internet of Things	Facien Technologies	NANDHANA G	2024	(05/02/2024-	Internship	
271	Internet of Things	Facien Technologies	RAJASREE R	2024	(05/02/2024-	Internship	
272	Internet of Things	Facien Technologies	SACHU SHIBY	2024	(05/02/2024-	Internship	



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273	Internet of Things	Facien Technologies	SAHAD P S	2024	(05/02/2024-	Internship	
274	Internet of Things	Facien Technologies	SANUJA SANOSH	2024	(05/02/2024-	Internship	
275	Internet of Things	Facien Technologies	SOORAJ SURESH	2024	(05/02/2024-	Internship	
276	Internet of Things	Facien Technologies	SUMAYIAMOL E S	2024	(05/02/2024-	Internship	
277	Internet of Things	Facien Technologies	SWATHYMOL T MANOJ	2024	(05/02/2024-	Internship	
278	Internet of Things	Facien Technologies	VISHNU M S	2024	(05/02/2024-	Internship	
279	Internet of Things	Facien Technologies	VISHNUNATH M A	2024	(05/02/2024-	Internship	
280	Internet of Things	Facien Technologies	VIVEK S	2024	(05/02/2024-	Internship	
281	Cyber Security	Nyeste Venture Technologies	Aparna Karunan	2024	28/06/2024	Internship	
282	Robotics	Nyeste Venture Technologies	Aparna Karunan	2024	03/07/2024)	Internship	
283	DESIGN	ARCITE EDUCATIONAL	ABHIJITH N SHENOY	2024	16.05.2024	Internship	
284	DESIGN	ARCITE EDUCATIONAL	ABIN MATHEW	2024	16.05.2024	Internship	
285	DESIGN	ARCITE EDUCATIONAL	AKASH VARMA	2024	16.05.2024	Internship	
286	DESIGN	ARCITE EDUCATIONAL	ALISHYA PHILIP	2024	16.05.2024	Internship	
287	DESIGN	ARCITE EDUCATIONAL	ALSHIN ANSARI	2024	16.05.2024	Internship	
288	DESIGN	ARCITE EDUCATIONAL	ANANDESHWER E R	2024	16.05.2024	Internship	
289	DESIGN	ARCITE EDUCATIONAL	ANANDHU PRAVEEN	2024	16.05.2024	Internship	
290	DESIGN	ARCITE EDUCATIONAL	ARATHI SIBI	2024	16.05.2024	Internship	
291	DESIGN	ARCITE EDUCATIONAL	ASHIK K R	2024	16.05.2024	TRAINING	
292	DESIGN	ARCITE EDUCATIONAL	ASWIN KUMAR K S	2024	16.05.2024	TRAINING	
293	DESIGN	ARCITE EDUCATIONAL	GIBU K THOMAS	2024	16.05.2024	TRAINING	
294	DESIGN	ARCITE EDUCATIONAL	JEFIN P JOSE	2024	16.05.2024	TRAINING	
295	DESIGN	ARCITE EDUCATIONAL	JUBY JOSEPH	2024	16.05.2024	TRAINING	
296	DESIGN	ARCITE EDUCATIONAL	JUSTIN PETER	2024	16.05.2024	Internship	
297	DESIGN	ARCITE EDUCATIONAL	LINTO MATHEW P JOHN	2024	16.05.2024	Internship	
298	DESIGN	ARCITE EDUCATIONAL	MANAF NIZAR	2024	16.05.2024	Internship	
299	DESIGN	ARCITE EDUCATIONAL	MIDHUN S BABU	2024	16.05.2024	Internship	
300	DESIGN	ARCITE EDUCATIONAL	MOHAMAD SHA K	2024	16.05.2024	Internship	
301	DESIGN	ARCITE EDUCATIONAL	SEBASTAIN K CHACKO	2024	16.05.2024	Internship	https://www.mangalam.ac.in/ecc/events
302	DESIGN	ARCITE EDUCATIONAL	SUBIN M JOHN	2024	16.05.2024	Internship	
303	DESIGN	ARCITE EDUCATIONAL	VISHNU A S	2024	16.05.2024	Internship	
304	ENERGY AUDITING	SUSTENERGY	NIVYA P S	2024	31.07.2024	Internship	
305	ENERGY AUDITING	SUSTENERGY	MANU M VENU	2024	31.07.2024	Internship	
306	ENERGY AUDITING	SUSTENERGY	ANJALI S KUMAR	2024	to 31.07.2024	Internship	
307	ENERGY AUDITING	SUSTENERGY	APARNA PRADEEP	2024	to 31.07.2024	Internship	



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308	ENERGY AUDITING	SUSTENERGY	NIVEDH JOHNSON	2024	to 31.07.2024	Internship	
309	ENERGY AUDITING	SUSTENERGY	SANGEETHA T S	2024	to 31.07.2024	Internship	
310	ELECTRIC VEHICLE	REYNLABS,CHENNAI	SEBASTIAN CHACKO	2023	28.07.2024	Internship	
311	PYTHON PROGRAMMING	REYNLABS,CHENNAI	ABHINAND MOHAN	2024	16.07.2024	Internship	
312	ELECTRIC VEHICLE	REYNLABS,CHENNAI	ANJANA SANTOSH	2023	29.10.2023	Internship	
313	ELECTRIC VEHICLE	REYNLABS,CHENNAI	ABHINAV P B	2023	04.08.2023	Internship	
314	ROBOTICS WITH AI	TECHMAGHI	ABIN MATHEW	2024	22.02.2024)	Internship	
315	ROBOTICS WITH AI	TECHMAGHI	JUBY JOSEPH	2024	22.02.2024)	Internship	
316	ROBOTICS WITH AI	TECHMAGHI	MANAF NIZAR	2024	22.02.2024)	Internship	
317	ROBOTICS WITH AI	TECHMAGHI	MIDHUN S BABU	2024	22.02.2024)	Internship	
318	ROBOTICS WITH AI	TECHMAGHI	LINTO MATHEW P JOHN	2024	22.02.2024)	Internship	
319	ROBOTICS WITH AI	TECHMAGHI	ARATHI SIBI	2024	22.02.2024)	Internship	
320	INTERNSHIP	CIPET	A ARAVIND	2024	15 days	Internship	
321	INTERNSHIP	CIPET	AADHIL ABBAS	2024	15 days	Internship	
322	INTERNSHIP	CIPET	ABHINAV S K	2024	15 days	Internship	
323	INTERNSHIP	CIPET	ARUN V J	2024	15 days	Internship	
324	INTERNSHIP	CIPET	DEV KRISHNAN P	2024	15 days	Internship	
325	INTERNSHIP	CIPET	MUHAMMED SAHAL K J	2024	15 days	Internship	
326	INTERNSHIP	CIPET	SOJITH A BAIJU	2024	15 days	Internship	
327	INTERNSHIP	CIPET	ADITHYAN SAJI	2024	15 days	Internship	
328	TRAINING	MSME	ARUN V J	2023	30 days	Internship	
329	TRAINING	MSME	ABHINAV S K	2023	30 days	Internship	
330	TRAINING	MSME	Sreenath K S	2023	30 days	Internship	
331	TRAINING	MSME	SOJITH A BAIJU	2023	30 days	Internship	
332	TRAINING	MSME	Yashwanth Rao	2023	30 days	Internship	
333	INTERNSHIP	KSRTC	Joel Georgekutty	2024	5 Days	Internship	
334	INTERNSHIP	CIPET	AMAL SHAJI	2024		Internship	
335	INTERNSHIP	CIPET	EBIN MATHEW SKARIA	2024		Internship	
336	INTERNSHIP	CIPET	MUHAMMED FAYAS	2024		Internship	
337	INTERNSHIP	CIPET	PHILIP PAUL	2024	15 days	Internship	
338	INTERNSHIP	CIPET	VISAL KS	2024	15 days	Internship	
339	INTERNSHIP	CIPET	VISHNU LAL	2024	15 days	Internship	
340	INTERNSHIP	CIPET	ASLAM B KABEER	2024		Internship	
341	INTERNSHIP	TRAVANCORE CEMENTS	HRISHIKESH J	2024	5 Days	Internship	
342	INTERNSHIP	TRAVANCORE CEMENTS	GOPIKRISHNAN G	2024	5 Days	Internship	



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343	INTERNSHIP	TRAVANCORE CEMENTS	AMAL DEV H	2024	5 Days	Internship	
344	INTERNSHIP	TRAVANCORE CEMENTS	GOWRISHANKAR A	2024	5 Days	Internship	
345	INTERNSHIP	TRAVANCORE CEMENTS	ASWIN K S	2024	5 Days	Internship	
346	INTERNSHIP	TRAVANCORE CEMENTS	SIJIN VARGHESE	2024	5 Days	Internship	
347	INTERNSHIP	TRAVANCORE CEMENTS	THANZEER	2024	5 Days	Internship	
348	INTERNSHIP	TRAVANCORE CEMENTS	ALPHIN BINU	2024	5 Days	Internship	
349	INTERNSHIP	TRAVANCORE CEMENTS	AKASH T	2024	5 Days	Internship	
350	INTERNSHIP	TRAVANCORE CEMENTS	JESWIN JAMES	2024	6 Days	Internship	
351	INTERNSHIP	TRAVANCORE CEMENTS	AJAY T S	2024	7 Days	Internship	
352	Faculty Exchange	Saintgits College of Engineering (Autonomous),	Mr.Premjith S	2024	2nd & 3rd February 2024	Examiner for conducting Lab Examination	
353	Faculty Exchange	Saintgits College of Engineering (Autonomous),	Mr.Jishnu M	2023	20.11.2023	External Expert Scrutiny of Question Papers	
354	Faculty Exchange	Saintgits College of Engineering (Autonomous),	Mr.Premjith S	2024	June	Examiner for conducting Lab Examination	
355	Faculty Exchange	Saintgits College of Engineering (Autonomous),	Dr Manuel George	2024	31-5-24	Examiner for conducting Lab Examination	
356	Faculty Exchange	Saintgits College of Engineering (Autonomous),	Dr Manuel George	2024	23-1-24 to 24-1-24	Examiner for conducting Lab Examination	
357	Faculty Exchange	Saintgits College of Engineering (Autonomous),	Mr.Navish Kumar	2024	27-06-2024 to 28-06-2024	Examiner for conducting Lab Examination	
358	Faculty Exchange	Saintgits College of Engineering (Autonomous),	Mr.Santhu Varghese Thomas	2024	3rd & 4th July 2024	conducting Lab End Semester Examination	
359	Faculty Exchange	Saintgits College of Engineering (Autonomous),	Mr.Santhu Varghese Thomas	2024	19th & 20th June 2024	conduct of Project & Comprehensive Course	
360	Faculty Exchange	Saintgits College of Engineering (Autonomous),	Mr.Santhu Varghese Thomas	2023	13-09-2023	College of Engineering (Autonomous)	
361	Faculty Exchange	Saintgits College of Engineering (Autonomous),	Mr.Santhu Varghese Thomas	2023	24/11/2023	Scrutiny Board of Question Papers	
362	LTD, Kochi	TORC INFOTECH PVT	T. Allwin Kingstan	2023	25/5/2023	Internship	
363	python	Computer Vision With python	Alex J Mathew	2023	28/8/2023 to 2/9/2023	Internship	
364	Intelligence	Robotics With Artificial	Arjun Krishna A B	2024	18/2/2024- 22/2/2024	Internship	
365	Intelligence	Robotics With Artificial	Athira Anil	2024	27/6/2024-3/7/2024	Internship	
366	Intelligence	Robotics With Artificial	HAREESH KRISHNAN K B	2024	18/2/2024- 22/2/2024	Internship	
367	Intelligence	Robotics With Artificial	Malavika Shibu	2024	18/2/2024- 22/2/2024	Internship	
368	Internship	THE TRAVANCORE	ABHIRAMI M. A	2024	6 DAYS	Internship	



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369	Internship	THE TRAVANCORE	AKASH R	2024	6 DAYS	Internship	https://drive.google.com/file/d/1lwLkFz1H09eIPN1qT3cLmU1TngGrf_0z/view?usp=drive_link
370	Internship	THE TRAVANCORE	AMAL KRISHNAN	2024	6 DAYS	Internship	
371	Internship	THE TRAVANCORE	ANJALY S	2024	6 DAYS	Internship	
372	Internship	THE TRAVANCORE	ANUSREE CHANDRAN	2024	6 DAYS	Internship	
373	Internship	THE TRAVANCORE	DIYA SHIBU	2024	6 DAYS	Internship	
374	Internship	THE TRAVANCORE	PHILIP	2024	6 DAYS	Internship	
375	Internship	THE TRAVANCORE	HARITHA HARIDAS	2024	6 DAYS	Internship	
376	Internship	THE TRAVANCORE	JOSHUA JOSE	2024	6 DAYS	Internship	
377	Internship	THE TRAVANCORE	KRISHNENDU TT	2024	6 DAYS	Internship	
378	Internship	THE TRAVANCORE	MANU JOB	2024	6 DAYS	Internship	
379	Internship	THE TRAVANCORE	MOHAMMED BILAL	2024	6 DAYS	Internship	
380	Internship	THE TRAVANCORE	NEIL T P	2024	6 DAYS	Internship	
381	Internship	THE TRAVANCORE	POORNASREE	2024	6 DAYS	Internship	
382	Internship	THE TRAVANCORE	PRANAV S	2024	6 DAYS	Internship	
383	Internship	THE TRAVANCORE	SANDRA CHANDRABOSE	2024	6 DAYS	Internship	
384	Internship	THE TRAVANCORE	SREEJITH	2024	6 DAYS	Internship	
385	Internship	THE TRAVANCORE	ANU VARGESE	2024	6 DAYS	Internship	
386	Internship	THE TRAVANCORE	ARYA SASI	2024	6 DAYS	Internship	
387	Internship	THE TRAVANCORE	DAKSHIN NATH K	2024	6 DAYS	Internship	
388	Internship	THE TRAVANCORE	MUSTHAFA SAINUDEEN	2024	6 DAYS	Internship	
389	Internship	THE TRAVANCORE	ROHIT RAJEEV	2024	6 DAYS	Internship	
390	Internship	THE TRAVANCORE	SHAHIN KABEER	2024	6 DAYS	Internship	
391	Internship	GENZEE TECHNOLOGIES	SANUSHA UMESH	2024	7 DAYS	Internship	
392	Internship	GENZEE TECHNOLOGIES	ANEENA KRISHNA E A	2024	7 DAYS	Internship	
393	Internship	Asset Homes, Kochi	Arya Purushothaman	2023-2024	45 Days (20/5/24 - 06/07/24)	Company Visit	
394	Internship	Reliance Trends, Muvattupuzha	Sandra Kunjumon	2023-2024	45 days (22/05/24-15/06/24)	Company Visit	
395	Internship	Lazza Icecream Productions, Ponkunnam	Amrutha	2023-2024	45 Days (20/05/2024 - 03/07/2024)	Company Visit	
396	Internship	Metrolla Steels Pvt Ltd, Muvattupuzha	Meenu M Nair	2023-2024	45 Days (03/06/2024-18/07/2024)	Company Visit	
397	Internship	Asians Food Products, Kanazha, Kottavam	Sona Thomas	2023-2024	45 days (20/05/24-03/07/24)	Company Visit	
398	Internship	Tiruvalla Medical Mission Hospital, Tiruvalla	Aryalakshmi C S	2023-2024	45 days(20/05/24-04/07/24)	Company Visit	
399	Internship	Malayala Manorama Company LTD	Sneha Santhosh	2023-2024	45 days(20/05/24 - 14/07/24)	Company Visit	



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400	Internship	Hi care gloves pvt Ltd marangattunllv Kottavam	Adithya G Nath	2023-2024	45 days (20/05/24-06/07/24)	Company Visit	
401	Internship	Milma,vadavathoor	vidhyamol P V	2023-2024	45days (20.05.2024-05.07.2024)	Company Visit	
402	Internship	Davean Enterprises Pvt Ltd Ernakulam	Sanjay S	2023-2024	45 days (20/05/24 - 05/07/24)	Company Visit	
403	Internship	Swamis Condiments Pvt Ltd Aluva Ernakulam	Sreeparvathy Pillai	2023-2024	60 days (20/05/2024 - 20/07/2024)	Company Visit	
404	Internship	Digistore pay(Digi Suvidha Pvt.Ltd)	Ansu Babu	2023-2024	45 Days (20/05/2024 - 04/07/2024)	Company Visit	
405	Internship	Kochi Metro Rail limited	Jojoy Sibi	2023-2024	45 days (20/05/2024 - 05/07/2024)	Company Visit	
406	Internship	Chirackal agro mills (Periyar Rice)	Salman Bin Navas	2023-2024	45 days (20/05/24 to 04/07/24)	Company Visit	
407	Internship	Indo american hospital,chemmankarv	Karthik Binesh	2023-2024	45 days(22/05/2024 - 28/06/2024)	Company Visit	
408	Internship	MRF pvt. limited vadavathoor	Ananthu manoj	2023-2024	45 days (20/05/24 - 04/07/24)	Company Visit	
409	Internship	FCI OEN Connectors Ltd Mulanthuruthy , Ernakulam	Anasmon J	2023-2024	45 days (03/06/2024 - 18/07/2024)	Company Visit	
410	Internship	Anand water Meters Ltd nalluruthy, Kochi	Nithin Vijayan	2023-2024	45 days (20/05/24 to/ 03/07/23)	Company Visit	
411	Internship	Summer Treat Icecreams, Kannumthala Kottavam	Sreelakshmi Anil	2023-2024	45 days (20/05/24 to/ 03/07/23)	Company Visit	
412	Internship	Eastern Mattresses Pvt Ltd , Ernakulam	Marin Jossy Joseph	2023-2024	45 days (20/05/2024-05/07/2024)	Company Visit	
413	Internship	TVS Kottayam motors Pvt Ltd	saranga sajan	2023-2024	45 days (20-5-2024-13-07-2024)	Company Visit	
414	Internship	El Sol Power Solutions,Changanasserry	Linumol sabu	2023-2024	45 days (20-5-2024-13-07-2024)	Company Visit	
415	Internship	Sensation Solutions,Palariyattom	Devapriya Binu	2023-2024	45 days (20-5-2024 - 13-07-2024)	Company Visit	
416	Internship	Highrange Home Appliances, Kattappana	Akshaya Ajith	2023-2024	45 days (16/05/2024 - 30/06/2024)	Company Visit	
417	Internship	The Priyadarsini Co-operative Spinning Mill Meenadom	Mekha P.S	2023-2024	45 Days(27/05/2024-10-07-2024)	Company Visit	
418	Internship	Popular HYUNDAI	Noel Philip	2023-2024	42 Days (20/05/2024 - 05/07/2024)	Company Visit	
419	Internship	Cochin Bulk Terminal ultratech cement wilington	NANDU KRISHNA	2023-2024	45days(3-06-24 -18-07-24)	Company Visit	
420	Internship	LuLu Mall Thiruvananthapuram	NIJO MATHEW	2023-2024	41days(29/05/2024 - 11/07/2024)	Company Visit	
421	Internship	D C Books, Kottayam	Ashiyamol P S	2023-2024	45days(10/06/2024-19/07/2024)	Company Visit	



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422	Internship	RUBCO, Poothakuzhy, Kottayam	SURABHI S	2023-2024	45days(20/05/2024-05/07/2024)	Company Visit	
423	Internship	TRAVANCORE CEMENTS Ltd. KOTTAYAM	Ashwani Soman	2023-2024	45 Days (20/05/2024 - 03/07/2024)	Company Visit	
424	Internship	Thomas Cook, Banglore	Jyothy B	2023-2024	45 days (3/6/2024 - 17/7/2024)	Company Visit	
425	Internship	EVM Volkswagen, Kottayam	Merin Susan Joseph	2023-2024	60days(22/5/24-20/7/24)	Company Visit	
426	Internship	George Maijo Yamaha Kottayam	Ashwin Binu	2023-2024	45 Days (20/05/24 - 03/07/24)	Company Visit	
427	Internship	Max - Landmark group, Bangalore	Sonu S	2023-2024	47 days (03/06/2024 - 19/07/2024)	Company Visit	
428	Internship	TRIUMPH	ANANDHU UTHAMAN	2023-2024	45 days(20/5/24 - 12/7/24)	Company Visit	
429	Internship	Royal Motors Bajaj	Manu Renjith	2023-2024	42 Days(03/06/24-14/06/24)	Company Visit	
430	Internship	Berger Paints, Kottayam	Jithin Shaji	2023-2024	40 days (27/05/2024 - 5/07/2024)	Company Visit	
431	Internship	Lunars Rubbers Pvt Ltd	Jino Thomas	2023-2024	40 days (10/06/2024 - 19/07/2024)	Company Visit	
432	Internship	Genzee Technologies Muvattupuzha	Rahul Krishna	2023-2024	45 days (27/05/2024-10/07/2024)	Company Visit	
433	Internship	DESHABIMANI KTM	Ashkar kabir	2023-2024	45 days (20/05/2024-04/07/2024)	Company Visit	
434	Internship	Toms pipe Pvt Ltd	Jobin Thomas Mathai	2023-2024	45days(20/05/2024 - 05/07/2024)	Company Visit	
435	Internship	KSE Limited	Jebson A Baby	2023-2024	45days(20/05/2024 - 03/07/2023)	Company Visit	
436	Internship	Masco tea vagamon	AFEEF SHAJI	2023-2024	45 days (27/05/2024-13/07/2024)	Company Visit	
437	Internship	MRF Pvt Ltd vadavathoor	JOYAL THOMAS	2023-2024	45days(20/5/2024-04/07/2024)	Company Visit	
438	Internship	ASHIQUE EXPORTS (P), LTD	ALWIN JOSHY	2023-2024	45 days(20/5/24-05/5/24)	Company Visit	
439	Internship	Travancore Sugars and Chemicals Thiruvalla	Akhil Shaji	2023-2024	45 days(20/05/24-03/07/24)	Company Visit	
440	Internship	Nirapara Roller Flour Mills Pvt Ltd.Changanassery	Snehavally Ak	2023-2024	45 days (20/05/24 - 3/07/24)	Company Visit	
441	Internship	Keltron	Archana Babu	2023-2024	45 days (27/05/24 - 10/07/24)	Company Visit	
442	Internship	Alba Fashions Pvt. Ltd, Mulanthuruthy	Ashna Zakir	2023-2024	45days (22/05/24-05/07/24)	Company Visit	
443	Internship	Radars Private Limited, Kochi	Colin Joe Sebastian	2023-2024	57 days (25/05/24 - 20/07/24)	Company Visit	



Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Link to the relevant document
444	Internship	DALLAH FISHERIES, RIYADH SAUDI ARABIA	Anseef noushad	2023-2024	45 Days(04/06/24 - 20/07/24)	Company Visit	
445	Internship	Igeeks Technologies, Bangalore	Githin Jobn Shaji	2023-2024	45 Days 05/06/2024 to 20/07/2024	Company Visit	
446	Internship	Reliance Retail, Ernakulam	Aditya Valsalan	2023-2024	45days (20/05/2024-04-07-2024)	Company Visit	
447	Internship	Atmios technologies and software solutions, Ernakulam	Sooraj sajith	2023-2024	45days (27/05/2024-10/07/2024)	Company Visit	
448	Internship	forest industries travancore limited thaikkattukara aluva	jagan suresh	2023-2024	45 days 20/05/2024 - 03/07/2024	Company Visit	
449	Internship	The Kerala State Civil Supplies Corporation.	Kelvin Thomas	2023-2024	45days (28/05/2024-11/07/2024)	Company Visit	
450	Internship	Steel industrials Kerala , Ltd . Steel Fabrication Unit.	Mary Helen	2023-2024	45 days (01/06/2024 - 20/07/2024)	Company Visit	
451	Internship	Mar Sleeva Medicity palai Hosnital Kottavam	Rejeena Reji	2023-2024	45days(20/05/2024-02/07/2024)	Company Visit	
452	Internship	Agro Bio-Tech Research Centre Ltd	Preethy Jayan	2023-2024	45 days (20/05/2024 - 05/07/2024)	Company Visit	
453	Internship	The Kerala State Homeopathic Cooperative Pharmacy	Nashida Y	2023-2024	45 days (03/06/2024-19/07/2024)	Company Visit	
454	Internship	oil palm india ltd kodimatha, kottavam	chinchumol Bijoy	2023-2024	45 days(21/05/24-04/07/24)	Company Visit	
455	Internship	Camino Group Of Companies	Sanju Thomas	2023-2024	45 days(27-05-24 to 10-07-24)	Company Visit	
456	Internship	super team buliders and developer's nathanamthitta	sneha shiny sam	2023-2024	45 days (28/05/24 - 12/07/24)	Company Visit	
457	Internship	Esaf edappally	malavikha mani	2023-2024	45days(3/06/2024 - 18/07/2024)	Company Visit	
458	Internship	Malanadu Development Society, Parathodu	Akash Johnson	2023-2024	45 days (3/06/24 - 18/07/24)	Company Visit	
459	Internship	praga marine pvt Ltd,aroor	Miltton pb	2023-2024	45 days(10/0624-19-7-24)	Company Visit	
460	Internship	Camino Constructors & Developers, Kakkanad	Christina Sara Alex	2023-2024	45 days (20/05/24 - 05/07/24)	Company Visit	
461	Internship	Autokast Ltd Cherthala	Jayakrishnan ks	2023-2024	45 days(23/05/2024-06/07/2024)	Company Visit	
462	Internship	Pankajakasthuri Herbals India P (Ltd), noovachal, TVM	Revathy P S	2023-2024	45 days (20-05-2024) - (03-07-2024)	Company Visit	
463	Internship	Hedge Equities Limited	Bijith Krishna P.B	2023-2024	47 Days (20/07/24 - 05/07/24)	Company Visit	
464	Internship	Pavizham Healthier Diet Private Limited,Ernakulam	Sreejith PS	2023-2024	45day(3/06/2024-18/07/2024)	Company Visit	
465	Internship	Cochin Shipyard Limited	Adithya K.S	2023-2024	45 Days (20/05/24 - 03/07/24)	Company Visit	



Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Link to the relevant document
466	Internship	The Aleppey Co-operative Spinning Mill Ltd, Alappuzha	Vidya Vijayan	2023-2024	45 days (20-05-2024 - 06-07-2024)	Company Visit	
467	Internship	Sandhya Development Society, Pala, Kottavam	Adithya A	2023-2024	45 days (20-05-2024)- (04-07-2024)	Company Visit	
468	Internship	BEST WOOD products, nezhakkaniyil	Rijo Mathew Eapen	2023-2024	45 days (03-06-2024) - (18-07-2024)	Company Visit	
469	Internship	Quality Food Product Industries, Panavally	Radhika S	2023-2024	45 days (22-05-2024)- (05-07-2024)	Company Visit	
470	Internship	Sakthi Auto ancillary pvt ltd, coimbatore	Mercy S	2023-2024	45 days, (03-06-2024)- (18-07-2024)	Company Visit	
471	Internship	Akay Natural Ingredients Private Limited Pathanamthitta	Reuben George John	2023-2024	45 days, (27-05-2024)- (18-07-2024)	Company Visit	
472	Internship	panamoottil oil mill Pathanamthitta	Pranav P	2023-2024	45 days, (01-05-2024)- (19-07-2024)	Company Visit	
473	Internship	EasyBuy -Landmark Group, Bangalore	Shilpa Sivankutty	2023-2024	45 days, (03/06/2024)- (17/07/2024)	Company Visit	
474	Internship	Modern Food Enterprises Pvt. Ltd., Edannally, Ernakulam	Angel George	2023-2024	47 days (03/06/2024)- (19/07/2024)	Company Visit	
475	Internship	S. M Kannappa Automobiles Bangalore	Justin Jacob	2023-2024	45 days (03/06/2024)- (17/07/2024)	Company Visit	
476	Internship	S. M Kannappa Automobiles Bangalore	Shon Pearson	2023-2024	45 days (03/06/2024)- (17/07/2024)	Company Visit	
477	Internship	KPPL Velloor	Bince Benny	2023-2024	45 days (27/06/2024)- (06/07/2024)	Company Visit	
478	Internship	THANKAMANY CO-OPERATIVE TEA	Bibin Benny	2023-2024	45 days (20/05/2024 to 03/07/2024)	Company Visit	
479	Internship	Equal Stories Marketing pvt ltd	Arun Raj	2023-2024	45 Days (28/5/2024- 12/7/2024)	Company Visit	
480	Internship	Aster Mother Hospital	Sanjo K Roy	2023-2024	52 Days (20-05-2024 to 10-07-2024)	Company Visit	
481	Internship	Esaf small finance bank	Arun ts	2023-2024	45 days (20/05/2024)- (03-07-2023)	Company Visit	
482	Internship	Retro Classics Private Limited	Gautham Dileep	2023-2024	45 days (03/06/2024- 18/07/2024)	Company Visit	
483	Internship	Dholphin Rubber industry Kottavam	Sindhura Prakashan	2023-2024	45 days (20/05/2024- 05-07-2024)	Company Visit	
484	Internship	Plantation Corporation Of Kerala Ltd	Yadhukrishna B	2023-2024	45 days (01/06/2024- 16/07/2024)	Company Visit	
485	Internship	prakash bus corp kolar	Adarsh cs	2023-2024	45 days (03/06/2024)- (17/07/2024)	Company Visit	
486	Internship	RAWMEN INTERNATIONAL PVT	Aswin Sunil	2023-2024	46 days (20/05/24)- (04/07/24)	Company Visit	
487	Internship	Welfast Hospital Kottayam	Keerthi Deyalu	2023-2024		Company Visit	

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Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Link to the relevant document
488	Internship	traco cables eranakulam	Athy suresh	2023-2024	45 days (12/6/2024)-(27/7/2024)	Company Visit	
489	Internship	APTIV CONNECTION SYSTEMS INDIA Pvt Ltd	Abin Benny	2023-2024	45 days(1/06/24)-(15/07/24)	Company Visit	
490	Internship	THE ALLEPPEY COMPANY LIMITED	Ibrahim badhusha	2023-2024	45 days (20/05/2024) - (03/07/2024)	Company Visit	
491	Internship	THE TRAVANCORE COCHIN CHEMICALS	NOWRIN FATHIMA	2023-2024	45 days (22.05.2024 to 03.07.2024)	Company Visit	
492	Internship	The Benleng Company	Mohammed Aslam	2023-2024	45 days (27.05.2024 to 10.07.2024)	Company Visit	
493	Internship	Club Mahindra Holidays & Resorts india Ltd	Radhika Radhakrishnan	2023-2024	20/05/2024-05/07/2024 (45 days)	Company Visit	
494	Internship	DEVON FOODS LTD	Abhijith Baiju	2023-2024	45 days (20/05/2024) - (03/07/2024)	Company Visit	
495	Internship	MIDAS	Akshay Suresh	2023-2024	45 days (23/05/2024 to 08/07/2024)	Company Visit	
496	Internship	Camino infotech pvt ltd	Nithin Jacob thankachan	2023-2024	45 days (27/05/2024-10/07/2024)	Company Visit	
497	Internship	Dent Care Pvt Ltd	Farsana Sathar	2023-2024	45 Days (23/05/2024 - 06/07/2024)	Company Visit	
498	Internship	Ajmi floor mills india pvt Ltd	Nahas k s	2023-2024	45 Days (22/05/2024-13/07/2024)	Company Visit	
499	Internship	KCPMC	Joice P Shibu	2023-2024	45 days (20/05/2024-19/07/2024)	Company Visit	
500	Internship	avt natural products Aluva	Abdul Rahman	2023-2024	45 days	Company Visit	
501	Internship	Torcinfotech PVT Ltd , kalamassery, kochi	vishnu selvaraj	2023-2024	47days. (20/05/2024 - 06/07/2024)	Company Visit	
502	Internship	Chennattu industries	Sudhy T S	2023-2024	45days 20/5/2024 to 05/07/2024	Company Visit	
503	Python	FACEIN TECHNOLOGIES	ABHIRAM A K	2023 - 2024	3 WEEKS	INTERNSHIP	
504	Python	FACEIN TECHNOLOGIES	ABIN VARGHESE	2023 - 2024	3 WEEKS	INTERNSHIP	
505	Python	FACEIN TECHNOLOGIES	ABITHAMOL C F	2023 - 2024	3 WEEKS	INTERNSHIP	
506	Python	FACEIN TECHNOLOGIES	AISHWARYA RAVIKUMAR	2023 - 2024	3 WEEKS	INTERNSHIP	
507	Python	FACEIN TECHNOLOGIES	AKASH PRAKASHAN	2023 - 2024	3 WEEKS	INTERNSHIP	
508	Python	FACEIN TECHNOLOGIES	AKSAMOL SIMON	2023 - 2024	3 WEEKS	INTERNSHIP	
509	Python	FACEIN TECHNOLOGIES	ALAN BABY	2023 - 2024	3 WEEKS	INTERNSHIP	
510	Python	FACEIN TECHNOLOGIES	ALBIN SABU	2023 - 2024	3 WEEKS	INTERNSHIP	
511	Python	FACEIN TECHNOLOGIES	ALVIN JOSEPH	2023 - 2024	3 WEEKS	INTERNSHIP	
512	Python	FACEIN TECHNOLOGIES	ANANDU AJIKUMAR	2023 - 2024	3 WEEKS	INTERNSHIP	
513	Python	FACEIN TECHNOLOGIES	ANANDU SURESH	2023 - 2024	3 WEEKS	INTERNSHIP	
514	Python	FACEIN TECHNOLOGIES	ANGITH PANICKER	2023 - 2024	3 WEEKS	INTERNSHIP	



Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Link to the relevant document
515	Python	FACEIN TECHNOLOGIES	ANJANA R	2023 - 2024	3 WEEKS	INTERNSHIP	https://drive.google.com/drive/folders/1vGZO0w1ASnwqUbfK_RyQ2X9UcYbMVkIE
516	Python	FACEIN TECHNOLOGIES	ARCHA DAS M	2023 - 2024	3 WEEKS	INTERNSHIP	
517	Python	FACEIN TECHNOLOGIES	ARJUN M B	2023 - 2024	3 WEEKS	INTERNSHIP	
518	Python	FACEIN TECHNOLOGIES	ARJUN P SAJI	2023 - 2024	3 WEEKS	INTERNSHIP	
519	Python	FACEIN TECHNOLOGIES	ASWIN K P	2023 - 2024	3 WEEKS	INTERNSHIP	
520	Python	FACEIN TECHNOLOGIES	ASWIN KRISHNA M	2023 - 2024	3 WEEKS	INTERNSHIP	
521	Python	FACEIN TECHNOLOGIES	ATHIRA PRAKASH	2023 - 2024	3 WEEKS	INTERNSHIP	
522	Python	FACEIN TECHNOLOGIES	ATHULLAYA S	2023 - 2024	3 WEEKS	INTERNSHIP	
523	Python	FACEIN TECHNOLOGIES	BIBIN BINOY	2023 - 2024	3 WEEKS	INTERNSHIP	
524	Python	FACEIN TECHNOLOGIES	DEVANARAYANAN M	2023 - 2024	3 WEEKS	INTERNSHIP	
525	Python	FACEIN TECHNOLOGIES	GIBIN SKARIA PHILIP	2023 - 2024	3 WEEKS	INTERNSHIP	
526	Python	FACEIN TECHNOLOGIES	GRIGORY RAJEEV	2023 - 2024	3 WEEKS	INTERNSHIP	
527	Python	FACEIN TECHNOLOGIES	HEBAL P THOMAS	2023 - 2024	3 WEEKS	INTERNSHIP	
528	Python	FACEIN TECHNOLOGIES	JOHN JOSE	2023 - 2024	3 WEEKS	INTERNSHIP	
529	Python	FACEIN TECHNOLOGIES	KRISHNAVENI E K	2023 - 2024	3 WEEKS	INTERNSHIP	
530	Python	FACEIN TECHNOLOGIES	KRISHNENDHU K M	2023 - 2024	3 WEEKS	INTERNSHIP	
531	Python	FACEIN TECHNOLOGIES	MAHESH K M	2023 - 2024	3 WEEKS	INTERNSHIP	
532	Python	FACEIN TECHNOLOGIES	MEGHA ANISH	2023 - 2024	3 WEEKS	INTERNSHIP	
533	Python	FACEIN TECHNOLOGIES	NANDHAKUMAR K S	2023 - 2024	3 WEEKS	INTERNSHIP	
534	Python	FACEIN TECHNOLOGIES	NANDHU SOMAN	2023 - 2024	3 WEEKS	INTERNSHIP	
535	Python	FACEIN TECHNOLOGIES	NEBIN P SABU	2023 - 2024	3 WEEKS	INTERNSHIP	
536	Python	FACEIN TECHNOLOGIES	PARVANA DILEEP	2023 - 2024	3 WEEKS	INTERNSHIP	
537	Python	FACEIN TECHNOLOGIES	PARVATHY B LAL	2023 - 2024	3 WEEKS	INTERNSHIP	
538	Python	FACEIN TECHNOLOGIES	PARVATHY MOHANAN	2023 - 2024	3 WEEKS	INTERNSHIP	
539	Python	FACEIN TECHNOLOGIES	REEMA SOSA THOMAS	2023 - 2024	3 WEEKS	INTERNSHIP	
540	Python	FACEIN TECHNOLOGIES	REVATHI S KUMAR	2023 - 2024	3 WEEKS	INTERNSHIP	
541	Python	FACEIN TECHNOLOGIES	RIYA ANN REJI	2023 - 2024	3 WEEKS	INTERNSHIP	
542	Python	FACEIN TECHNOLOGIES	ROJIN ROY	2023 - 2024	3 WEEKS	INTERNSHIP	
543	Python	FACEIN TECHNOLOGIES	SAINAMOL ZAKKER	2023 - 2024	3 WEEKS	INTERNSHIP	
544	Python	FACEIN TECHNOLOGIES	SUHANA SHEREEF	2023 - 2024	3 WEEKS	INTERNSHIP	
545	Python	FACEIN TECHNOLOGIES	VISAL P D	2023 - 2024	3 WEEKS	INTERNSHIP	

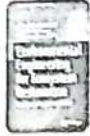


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Utilization of Waste Byproducts in the Production of Green Geopolymer Concrete

Conference paper | First Online: 13 April 2024


pp 313–323 | [Cite this conference paper](#)




Environmental Engineering for Ecosystem Restoration

(IACESD 2023)

S. Arathi, Kadarkarai Arunkumar , Anila Mary Jacob, A. Suresh Kumar & S. Pream Kumar

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Abstract

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The demand for green building materials has increased due to the global warming scenario of the world. In this study, industrial waste named GGBS along with metakaolin has been utilized as the binders for the production of geopolymer concrete at varying proportions ranging from 0 to 100%. Another crisis that the world faces is the scarcity of river sand. To overcome the scarcity, the river sand is substituted with M-sand and Silica fume in various proportions. The optimum ratio of M-sand and SF was found to be 60:40, due to the performance in mechanical properties. The results show that the geopolymer concrete mix with 70% GGBS and 30% metakaolin has attained good mechanical properties when compared with conventional geopolymer concrete. The addition of metakaolin resulted in the acceleration in fresh concrete properties at a rate of 0.5% and 1% in workability and initial setting time, respectively.


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ARTICLE NAVIGATION

RESEARCH ARTICLE | APRIL 02 2024

Utilization of silica fume for the production of self compacting GGBS based geopolymer concrete

K. Arunkumar ; A. Suresh kumar; M. Mohan Murali; B. Gowtham Lohith; B. Aruna Jyothi; B. Sravani

+ Author & Article Information

AIP Conf. Proc. 3037, 020049 (2024)

<https://doi.org/10.1063/5.0196041>

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Tools 

Geopolymer concrete (GPC) is the most predominant alternate for cement concrete in construction industry which can highly reduce the CO₂ emission by the cement production. Self-Compacting Concrete (SCC) is also the growing technology that can help to pour the concrete in congested reinforcement sections. The effort is

Effect of Silica Fume on Rheological, Mechanical and Durability Properties of Ground Granulated Blast Furnace Slag Based Geopolymer Concrete

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Mukilan Karuppasamy^{4, d)}, Prem Kumar Vagestan^{5, e)}, Dhanush Pradeep^{5, f)},
Sai Sri Karthikeya Sakhamuri^{5, g)}

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Abstract. The need for concrete is growing rapidly every day and cement is utilized to satisfy the requirement for development of infrastructure. The manufacturing of cement products generates a massive concentration of carbon dioxide (CO₂) that impacts the ecosystem and surroundings, creates pollution as well as hazardous to human beings. In an effort to minimize the demand for cement and CO₂ emission, in this study, alternating cementitious ingredients such as Ground granulated blast furnace slag (GGFS) and silica fume (SF) were utilized. In this study, NaOH and Na₂SiO₃ were used to generate ground granulated blast furnace slag based geopolymer concretes that contained various proportions of silica fume, which were then cured at room temperature. Rheological, hardened, and durability properties were investigated. NaOH (14M) and Na₂SiO₃ were utilized as alkaline solutions to activate the geopolymerization. The findings indicate that the incorporation of SF increased the compressive, splitting tensile and flexural strength of geopolymer concrete. The geopolymer concrete has been observed highly reliable in the existence of 2 percent of sulphuric acid, 5 percent of sodium sulphate and 5 percent of sodium chloride.

Keywords. Fresh Properties, GGFS, Durability Characteristics, Hardened Properties, Aggressive Environment.

INTRODUCTION

The worldwide usage of concrete is next to the water. In accordance with the increase in the need for concrete as a building material, Portland Cement consumption further increases. The production of cement uses a lot of energy and releases around a ton of CO₂, a greenhouse gas that contributes to global warming [1-4]. Therefore, in addition to making the cement sector quite environmentally friendly and sustainable, it is urgently necessary to manufacture a substitute for cement that is strong and durable enough.

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020648-1

Davidovits originally proposed a novel binding material called "geopolymer" in 1978 [5]. Geopolymers are created when highly alkaline solutions (hydroxides, silicates) are combined with aluminosilicate materials such as fly ash [6-10], metakaolin [11-14], silica fume [15,16], GGFS [17-19], waste wood ash [20-24], bio-medical waste ash [25-29], waste glass powder [30-32], rice-husk ash [33], red mud [34], etc. Geopolymer Concrete (GPC) employs fly ash that has been triggered with an alkaline solution as the binder, among other aluminosilicate precursors [35-37]. Moreover, the requirement to heat these geopolymers at high temperatures to accelerate the dissolving of the monomer, there is a direct correlation between the amount of energy used and the amount of greenhouse gases emitted [38-40]. Also, the necessity for the high curing for such geopolymers limits their utilisation since it is unfeasible for many applications. Thus, to enhance and achieve the maximum economic viability of Geopolymer concrete when increasing its implementations, hence there is a necessity for discovering strategies for healing the Geopolymer concrete under atmospheric circumstances.

Lower early strength results from longer setting times for FA-based geopolymers that are cured in ambient circumstances [41,42]. By substituting different precursors, including ground granulated blast furnace slag, FA-based geopolymers' early strength and setting may be enhanced. Furthermore, it also necessitated the use of GGFS at a greater substitution of fly ash in order to attain the desired characteristics. According to Provis [43] and Nath and Sarker [41], enhancing the GGFS in geopolymers led to stronger bonds and quicker setting times since more gels were produced. Additionally, by integrating waste materials like silica fume, more silicate may be added to the geopolymer system [44-47]. The strength of the resultant composites has been observed to rise when the SiO₂ to Al₂O₃ ratio in geopolymers increases [48-51].

In view of this, the major goal of this research is to evaluate the characteristics of rheological as well as hardened GPC cured at room temperature by using silica fume as a lower substitute for GGFS. In this investigation, silica fume replaced GGFS to an extent of 40%. The characteristics of the geopolymer concrete mixture integrating SF as a substitute for GGFS were explored, and the precursors utilized (i.e., GGFS and SF) were described. Microstructural analyses of the geopolymer concrete containing the optimum amount of SF were also performed.

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Parametric Study on Strength Performance of Geopolymer Concrete Using Industrial By-Products

Conference paper | First Online: 15 May 2024

pp 113–124 | [Cite this conference paper](#)



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(ICRAMERD 2023)

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Abstract

Green building materials are being developed around the world to limit the demand for rapidly depleting environmental assets, including greenhouse gas emissions. Geopolymers are significant in this environment, and various studies have considered a range of substances as suitable binder materials. In this dissertation, the workability and mechanical properties of geopolymer concrete mixes made using industrial by-products such as fly ash (FA) and Ground Granulated Blast Furnace Slag (GGBS) was determined by varying the FA and GGBS proportions (0–100%) with an interval of 10%, Molarity (8–14 M) and alkaline binder (A/B) ratios (0.40, 0.45, 0.50, 0.55, 0.60 and 0.61). For all mixes, the binder content (550 kg/m³) and alkaline activator ratio (1:2.5) were kept constant. Variations in the sodium hydroxide (NaOH) concentration and alkaline activator concentration were used to determine how efficiently the compressive and tensile strengths were performed at ambient temperature. The experimental results shows that the increase in slag content improved the strength but reduced the workability, and the analysis for 28 days shows that the 70:30 proportion of FA and GGBS, the sodium hydroxide concentration of 13 M, and the 0.55 alkaline binder ratio has given the optimum compressive and split strengths with better workability.

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Experimental investigations on fresh and mechanical properties of fly ash and ground granulated blast furnace slag self-compacting geopolymer concrete

Vigneshkumar A^a , C. Freeda Christy^a, M. Muthukannan^b, M. Maheswaran^a, K. Arunkumar^c, R. Kanniga Devi^d

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Abstract

Concrete is typical utilized material that requires a lot of cement and energy to produce and emit carbon dioxide (CO₂), need to find an alternative. Self-Compacting Geopolymer Concrete (SCGC) is a sustainable engineering method in industrial ecosystems which do not need shaking and cement. In this study, the effects of fly ash (FA) and Ground Granulated Blast Furnace Slag (GGBS) based SCGC with sodium silicate and sodium hydroxide solutions as activator on fresh and mechanical properties was investigated. The constant binder concentration of 0.45 and binder weight of 450 kg/m³ are used. GGBS replacement with FA was 0%, 25%, 50%, 75%, and 100% weight percentage in each SCGC. The fresh properties were investigated by using tests such as slump flow, T_{50cm}, V-funnel, and L-box. The mechanical properties of SCGC were evaluated by compressive, split tensile, and flexural tests at 7 and 28 days. The GGBS and FA dosage is optimized, and results show that 50% treatment of the GGBS and FA has enhanced hardening qualities in SCGC 3 mix. Superplasticizers (2%) was used to maintain fluidity of the SCGC. This study shows the designed SCGC is cost-effective building material for precast and cast in situ constructions under ambient conditions.

Introduction

Global warming has become a universal problem today, and cement is the second most material for response to carbon dioxide (CO₂) emissions which emit 7% of total greenhouse gas in the atmosphere. So, to find a remedy for global warming, it needs to replace cement with an alternative solution to meet the requirements [1]. In this context, it is the better choice to use fly ash (FA), and slag has cementitious properties to perform well when used as an alternative to cement [2].

In addition, Geopolymer Concrete (GC) has sparked widespread interest because of CO₂ reduction and maintaining sustainability. The raw materials used in geopolymer that require less energy. The CO₂ emissions from geopolymer binder are 5–6 times lower than those from cement. The disadvantage of GC is the parent material that comes from anywhere but must be high in alumina and silica oxides. Industrial byproducts particularly FA, Ground Granulated Blast Furnace Slag (GGBS), rice husk ash, and metakaolin, uses in production of GC [3], [4]. The primary constituents of geopolymer materials are an aluminosilicate base and liquid alkaline constituents [5], [6]. Among them, FA has significant potential because high in silica, and GGBS contains calcium and magnesium silicates and aluminosilicates [7]. On the other hand, GC had a minor response to carbonation and alkali-aggregate reaction than ordinary Portland cement concrete [8], [9].

Self-Compacting Concrete (SCC) is self-consolidating behavior that compacts under its weight and first progressed from Japan in the 1980s. Three properties define SCC workability: resistance segregation, filling ability, and passing ability [10]. Despite the SCC benefits, expensive than traditional concrete because more cement and chemical admixtures use to maintain the flow ability [11], [12]. Moreover, It is necessary to improve workability and hardened cementitious and mineral materials properties with lower construction costs [13].



An Experimental Study on Performance of Two-Part Geopolymer Concrete Using Natural Binders and Activators.

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Abstract. The study investigates the characteristics of geopolymer concrete, employing sodium silicate and sodium hydroxide as activators instead of cement. In conventional construction practices, binders like fly ash, ground granulated blast furnace slag (GGBS) are commonly combined with alkali solutions. The manufacturing process of geopolymer relies on various alkaline activators. In this research, GGBS is replaced with sodium hydroxide and sodium silicate as activators. GGBS is recognized for its ability to enhance the workability and strength of geopolymer concrete, exhibiting favorable mechanical properties, resistance to chemicals, minimal shrinkage, environmental friendliness and exceptional durability. Furthermore, there are still certain drawbacks to geopolymer concrete, such as the fact that alkaline solutions are difficult to handle and apply because they are viscous, corrosive, difficult to transport, as well as challenging to store in huge quantities. A two part geopolymer concrete consists of two main components. An activator solution and a binder solution. The activator solution typically contains alkali metal hydroxides or silicates, while the binder solution contains aluminosilicate material such as fly ash or metakaolin. When mixed together, these solutions undergo a chemical reaction that forms a solid and durable geopolymer material.

Keywords. Geopolymer Concrete, One part geopolymer, GGBS, Sodium Carbonate

1 Introduction

This study addresses the environmental concerns associated with traditional cement production, highlighting its significant impacts on land use, water contamination, and air pollution, as well as its non-recyclable and non-renewable raw materials [1-6]. Kamal Neupane is described about the environmental study of two part geopolymer concrete [7]. In response to these issues, an eco-friendly construction material known as geopolymer concrete is introduced. In this research, GGBS is utilized as a binder material, while sodium hydroxide and sodium silicate serve as activators. Gaurav Thakur and et al, aimed that partially replacing OPC with fly ash. GGBS and silica fume are reported [8]. The alkaline

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Correlation of Mechanical and Durability Properties of Binary and Ternary Blended High – performance Concrete

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Abstract: High-performance concrete is a specialized type of concrete renowned for its exceptional strength, durability, and resilience to various environmental stresses. Typically it's crafted using a combination of two or three supplementary cementitious materials (SCMs) in precise proportions to achieve specific performance attributes. Ternary blended concrete, for instance, incorporates three different SCMs alongside Portland cement. This study delved into the relationship between mechanical and durability aspects of high-performance concrete. Durability measures including electrical resistivity, water absorption, porosity, chloride penetration, and carbonation were analyzed alongside the compressive strength of various concrete mixes. The findings indicate that ternary blended concrete displays superior electrical resistivity, lower water absorption, reduced critical pore size, decreased chloride diffusion coefficient, and slower corrosion rate compared to binary mixes. Power correlations were conducted on these durability parameters, revealing a positive correlation between compressive strength and durability properties.

Keywords: Correlation studies, mechanical properties, Durability properties, Ternary blended concrete, High-performance concrete

1 Introduction

Over the previous few decades the materials that are used excessively in the construction business include concrete and cement composites[1]. The natural resources that are the main components of the cement industry are continuously being depleted as a result of the rising demand[2]. The production of Portland cement is energy-intensive and requires natural raw resources, mainly limestone and clay, which is bad for the environment. Additionally, producing this cement releases a significant amount of CO₂, a key greenhouse gas. According to reports, one ton of Portland cement equals to one ton of CO₂. As a result, the mechanism is increasingly implicated in global warming[3,4,5].

There are legitimate and substantial worries about how traditional concrete and cement production affect the environment. The creation of substitute cementitious materials using certain industrial byproducts is a viable strategy that can either totally or partially

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Comparative study on the performance of one part and two part geopolymer concrete

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Abstract. As cement is the primary cause of CO₂ emission, an attempt is made to replace the cement and it is done by replacing the cement with GGBS and silica fume along with activators such as sodium silicate and sodium hydroxide. By enrolling such materials in concrete, it will ensure the reduction of environmental consequences. This research is done by replacing of the cement with GGBS and silica fume without involving any type of admixtures. And it is done for M 30 grade with varying GGBS i.e., 90%, 80%, 70% and 60%. And to accelerate the pozzolanic effect, silica fume is added in diverse proportions i.e., 10%, 20%, 30% and 40%. Sodium hydroxide is kept constant throughout. Specimens were prepared for testing and ambient curing of 7 & 28 days has done. Tests such as compressive, split-tensile and flexural strength test are performed to obtain the mechanical behaviour of the concrete.

Keywords. Ground Granulated Blast- Furnace Slag, Silica Fume, Compressive Strength, Split- Tensile Strength, Flexural Strength

1 Introduction

For development, sustainability is the most important thing that has to be considered. Sustainable development should meet the requirements of the present without compromising the ability of future generations to come over their requirements [1]. There are many things in the world which will be a threat to the environmental sustainability. Out of these, cement is considered as the primary reason. Cement concrete is considered as one of the most versatile materials used in the construction field. This cement has a greater binding property which in turn helps to increase the strength of concrete buildings but the industry of cement is responsible for the emission of CO₂ into the atmosphere. Due to the increased production in concrete, [2] the emission of CO₂ has also been increased tremendously which in turn causes many health issues to all living things existing in the earth. In the case of global warming, 65% of global warming is by one of the greenhouse agents which is CO₂. And this CO₂ will increase the effect of global warming. As the use of cement causes many such environmental related problems, GGBS and Silica Fume are introduced instead of the harmful material cement into the concrete. As the expulsion of toxic waste materials develops serious issues to the whole world, one attempt is done here to enhance the sustainability by utilizing those waste materials in the concrete. And it can be considered as an approach that is sustainable. As cement gives better strength, resistance to fire and fair durability,

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Experimental study on partial replacement of fine aggregate in concrete by waste tyre rubber and cement by fly ash

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Abstract. Waste tyre disposal is one of the biggest environmental problems the world is currently experiencing. Because of its non-bio degradable character, it is very difficult to dispose them without making much harm to the environment. So, there is a big need of finding out a new way to dispose the tyre waste safely. Use of tyre rubber in place of fine aggregate in construction field was one of the alternatives put forth. An investigation in the compressive strength of concrete having shredded tyres in place of sand was conducted through an experimental program. For this investigation, several cubes, beams, and cylinders of M30 grade were cast. The fine aggregate in concrete mix were replaced with 20%, 25%, 30% of tyre rubber. As we all know that, there are numerous thermal power plants across the world, each plant produces different kinds of waste materials like fly ash, its disposal also needs some serious supervision. Due to the presence of some chemical's like calcium oxide, fly ash can be used as a cementing material. This experiment studies the characteristics of tyre rubber induced concrete and check the feasibility of replacing cement with 25% of fly ash in that rubberized concrete mix.

Keywords: Tyre rubber, Fly ash, Compressive strength

1 Introduction

One of the most important problems facing the entire planet is the disposal of waste. Tyre trash disposal is a serious issue since a long time ago. Even after a lengthy period of usage, this material is extremely difficult to decompose. Rubber waste is also utilized as a raw material to make rubber products [1]. However, such recycle process is expensive and time consuming. Concrete plays a major role in every construction field. Its production requires large quantities of natural raw materials. As a result, our natural resources are declining day by day. So, it's important to bring suitable materials to reduce the usage of our natural raw materials. Waste tyre rubber is such a material that can be used as fine aggregate in concrete. After the life span of tyres, it is better to convert them into suitable sizes to use them as fine aggregate or coarse aggregate partially or whole in concrete [1]. However, the utilization of tyre crumb in concrete has only been the subject of a small number of studies yet. In the

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Experimental Study on Rubberized Geopolymer Concrete with Sugarcane Bagasse Ash

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Abstract. The purpose of this experimental investigation is to determine whether it is feasible and effective to use sugarcane bagasse ash (SCBA) in place of some of the cement in rubberized geopolymer concrete. Rubber particles are added to the concrete to improve its ductility and energy absorption capability, while SBA is added as an additional cementitious material to lessen its environmental impact. Sugarcane bagasse ash, a byproduct of the sugarcane industry, has the potential to be utilized as an extra cementitious element due to its pozzolanic properties. To improve the concrete mix's ductility and ability to absorb energy, waste rubber particles are added. Rubberized geopolymer concrete is evaluated in numerous curing circumstances through extensive laboratory testing, which includes compressive strength, flexural strength, and split tensile strength. The study's findings shed light on whether using SCBA in rubberized geopolymer concrete is feasible and present environmentally friendly options for building applications. The study helps to promote circular economy concepts and environmental sustainability in the building industry by lowering cement usage and utilizing waste rubber resources. The design and optimization of rubberized geopolymer concrete mixes for improved mechanical qualities and durability are among the practical implications that may be applied to promote the use of environmentally friendly building materials. The mechanical characteristics of rubberized geopolymer concrete were assessed through experimental research. This paper is a scientific approach for complying the performance evaluation of strength studies such as Flexural strength, Compressive strength, Split tensile Strength, effect of NaOH molarities and the effect of curing method in rubberized geopolymer concrete that contains SCBA.

Keywords: Fly Ash, Sugarcane bagasse Ash, Rubberized Geopolymer Concrete, Alkaline Activator Solution

1 Introduction

The demand for concrete is rising as a result of the increased infrastructure and building development worldwide. Portland cement, a vital component of conventional concrete, is a major contributor to atmospheric carbon dioxide emissions. The majority of the energy and carbon dioxide emissions related to ordinary ready-mixed concrete are caused by Portland cement [1, 2]. The environmental impact of cement production and the high demand for

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Experimental study on steel fiber reinforced concrete modified with egg shell powder and nano silica

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Abstract This work presents the mechanical characteristics of concrete enhanced with egg shell powder (ESP) and nano-silica (NS) along with steel fibres. Steel fibre reinforced concrete (SFRC) offers several benefits, including prevention of macro cracks, improving ductility and residual strength and increasing toughness. These benefits make SFRC a valuable choice for structural applications requiring enhanced durability, crack resistance, and resilience to mechanical stresses. To develop the modified concrete mixture the Ordinary Portland Cement (OPC 53 grade) was partially replaced with varying percentage such as 0%, 5%, 10%, and 15% of ESP and NS by weight of the total binder content. Steel fibres were merged into the concrete at a volume fraction of 1.5% by weight of concrete to boost the engineering characteristics of concrete. The effect of ESP and NS were observed on compressive, flexural and split tensiles strength of the concrete. The test was conducted after 7 and 28 days of curing period. The inclusion of 10% and 15% percentage of ESP and NS gives high mechanical properties. The findings validated the suitability and efficacy of employing ESP and NS as partial substitutes for OPC, leading to substantial enhancements in the engineering characteristics of SFRC.

Keywords : Concrete, Steel Fibre, Egg shell powder, Nano silica

1. Introduction

Cement-based materials (CBMs) are in high demand to meet the growing needs of the construction industry. CBMs primarily consist of aggregates, cement, and water. Cement production is energy-intensive and releases substantial amounts of carbon dioxide, a major greenhouse gas. As a result, the production of building materials, particularly CBMs, has a significant impact on the natural environment. The reliance on cement as a key ingredient in construction materials underlines the importance of exploring sustainable alternatives and adopting practices that reduce environmental harm while meeting construction demands. Industrial leftovers and agricultural trash are two types of solid waste materials that can be transformed into cement substitutes, reducing cement consumption and mitigating

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environmental harm from open trash disposal [1]. Eggshells are currently disposed of in landfills worldwide in significant quantities, and by 2030, global egg production is expected to increase by about 90 million tons. It is crucial to explore alternative technologies for converting eggshells into components for other applications. Due to the similar chemical composition of cement, the eggshell powder (ESP) is employed as a fractional alternative for Ordinary Portland Cement (OPC) in concrete [3].

One of the most widely used type of alternative of cement in concrete industry is nano silica (NS). It is a form of silicon dioxide (SiO₂) that is used in concrete to improve its



A Novel Perspective in Construction: Analysing the Effects of 3-D Printing Innovation

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Abstract. The sector of production has witnessed a transformative shift with the combination of 3-D printing technologies, providing novel strategies to design, production, and constructing practices. This investigation explores three primary 3D printing techniques: Extrusion-type techniques, Powder Bonding, and Spray Methodologies, each contributing uniquely to the sustainable development of the construction industry. We delve into the usage of revolutionary materials, including gelatin-based composites and geopolymers, and verify their effect on performance, sustainability, and structural integrity. The research underscores the importance of each approach's technique to diminishing material waste, improving durability, and facilitating complex architectural designs. Although by analysing latest improvements and experimental findings, the study gives insights into the evolving perspectives of construction methodologies, highlighting the potential for advanced environmental compatibility, cost-effectiveness, and architectural flexibility.

Keyword:- Construction industry, 3D printing, extrusion, spray, powder bonding, environmentally friendly.

1 Introduction

With yearly sales of around 10 trillion USD, the construction sector is a major contributor to the world economy and has experienced tremendous growth in recent years. However, the

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Review of Mechanical, Durability, and Thermal properties of Light weight concrete containing cenosphere

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Abstract. Compared to conventional concrete, lightweight concrete offers a reduced unit weight, making it easier to handle and transport. Its popularity has surged globally in numerous countries and has proven beneficial for construction purposes. Lightweight concrete often exhibits better thermal insulation properties compared to traditional concrete, contributing to energy efficiency in buildings. Recently, the inclusion of cenospheres in lightweight aggregates is being heavily researched around the world. Cenosphere addition increases the volume of the concrete mixture because of their smaller size and hollow nature of the particle. This research paper showcases the various applications and advantages of lightweight concrete (LWC) containing cenosphere, along with highlighting the role of different supplementary cementitious materials characteristics and manufacturing methods. Furthermore, the current study examines previous researches on sustainable lightweight concretes and showcases the improvements and advancements in mechanical, durability, and thermal properties obtained when cenospheres were added.

Keywords: Light weight concrete, Mechanical properties, Durability properties, Thermal properties, Supplementary cementitious material

1 Introduction

The production of concrete relies heavily on natural resources, positioning it as the second most utilized material globally following water. This extensive usage has adverse environmental consequences, particularly due to the heightened demand spurred by the expanding construction sector [1], [2]. The increased consumption and production of concrete and its key component, cement, contribute significantly to environmental harm, including escalated greenhouse gas emissions. The cement industry, like many others, grapples with challenges related to carbon dioxide emissions, energy sourcing, material utilization, and resource management. Carbon dioxide is emitted at various stages of cement manufacturing, encompassing fuel consumption, transportation, and production processes. Consequently, there has been a push for the introduction of alternative raw materials in concrete manufacturing to mitigate the overall environmental impact of the construction industry and foster sustainability. This review focuses on investigating the substitution of cementitious materials with lightweight alternatives to produce lightweight concrete, aiming to address these environmental concerns [3], [4], [5].

Research in the field of lightweight and durable concrete materials encompasses the utilization of various additives and aggregates to optimize performance and sustainability in construction applications. Lightweight concrete is a flexible and easily transportable construction material. Its affordability, particularly for larger construction projects, stems from the reduced need for steel reinforcement or additional concrete. The reduced density of lightweight concrete offers several advantages, including improved thermal insulation properties, reduced dead load on structures, and enhanced workability during construction [6], [7], [8]. There are a number of byproducts created during the burning of coal in power plants, including fly ash, cenosphere and bottom ash. The usage of cenosphere in LWC are recently being researched. Also, the coal plant also provides aggregates such as bottom ash which are

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Advancements in Concrete Performance by Using Waste materials in the Mixture

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Abstract. There have been serious research advancements in concrete materials to make construction more sustainable. Specifically, this is true with regard to alternative ingredients used for self-compacting concrete (SCC) production. To improve its sustainability, this study is aimed at adding Fine Recycled Concrete Aggregate (FRCA) and Recycled Concrete Aggregate (RCA) into SCC. Crushed and reclaimed asphalt (RCA), on the other hand, has many benefits including lower environmental impact and cost-effectiveness. Nevertheless, there are several issues associated with contractors' knowledge among others being variations in their properties. It's also known that FRCA can imbibe water faster; hence, mineral admixtures may be introduced to further enhance mechanical behaviour of the concrete. Fly ash and geopolymer synthesis are examples of waste products from industry as well as by-products of coal combustion which are useful in making green concretes. The best results would be achieved if fly ash, a popular Supplementary Cementitious Material (SCM) that reduces Ordinary Portland Cement's (OPC's) need is divided according to its oxide content. In order for geopolymers to become an alternative for cement making materials such as aluminosilicate source or alkali reactants are applied. Engineered Cementitious Composite (ECC) enhances performance of concrete even more with strain-hardening properties, especially in terms of durability and tensile capacity. On the whole, manufacturing concrete from recycled and industrial waste products is cost effective and environmentally beneficial. These materials can be maximized if proper

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Use of plastic waste as recycled material in the concrete

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Abstract. In this study, we examined the effect of adding recycled plastics to concrete. The waste plastics were collected from a local market. The disposal of plastics is a major issue with many negative consequences. Plastic, being inorganic, does not change the chemical characteristics of concrete and has no effect on its quality or consistency, making it an ideal material for use in the construction industry, where it may help reduce plastic waste. Plastic has dual uses in concrete as a filler ingredient and as an additive to enhance the mechanical properties of the material. The concrete was prepared using five different amounts of aggregate substitution by volume: 10%, 20%, 30%, 40%, and 50%. Cubes and beams were cast, cured, and tested using a universal testing machine. A mixed proportion was made using the different ingredients used in the concrete. At 7, 21, and 28 d, the results showed that the compressive and flexural strengths increased as the percentage of plastic waste increased. Also, flexural strength improved with an increase in the proportion of plastic waste, reaching a maximum at 30%. These results highlight that, as plastic fiber decreases the quantity of industrial fibers needed in concrete, it is also proven to be more inexpensive.

Keyword-: Plastic waste, recycled material, concrete, compressive strength, flexural strength, performance, properties.

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Use of silica fume as a replacement of cement in the concrete

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Abstract. Over the past 30 years, significant advancements have been made in enhancing the capabilities of concrete as a construction material, with a focus on high-strength concrete applications using Silica Fume (SF). Global interest in SF as a pozzolanic admixture has surged owing to its ability to enhance concrete properties when used at specific percentages. This study examined the effect of addition of SF in concrete mixes. The performance of concrete in corrosive environment is most important and it can be enhanced by the addition of SF. For strength and longevity, high strength concrete is required. In this study, concrete was prepared with varying proportions of silica fume (5, 10, and 15% by aggregate volume). The specimens were tested to evaluate their strength. The cubes and beams were casted, cured and tested on universal testing machine. The findings showed that both the compressive and flexural strengths were improved by the addition of silica fume. The mechanical and durability properties of concrete are significantly enhanced by the incorporation of silica fume. The findings of this study are helpful for construction industry in the use of silica fume as an economical choice for the enhancement of strength.

Keyword-: Silica Fume, Concrete, Industrial Waste, Pozzolanic. Properties, Compressive Strength, Flexural Strength

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Advancement of Concrete by Partially Replacing Cement by Zeolite & Fine Aggregate by Glass Powder

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Abstract. Using glass powder for partially replacing of fine aggregate in concrete helps to reduce the demand for natural resources like sand, promote recycling of glass waste and enhance the overall strength and durability of concrete, it can also improve the thermal and sound insulation properties of concrete. Zeolite is a naturally occurring mineral that can enhance the properties of concrete, and increase its strength and durability. It can also help with reducing the carbon footprint of concrete production. By partially replacing cement with zeolite, we can reduce the amount of cement needed, which in turn reduces the carbon emissions associated with cement production. Zeolite is a type of porous mineral that has unique properties, making it a potential substitute for cement in concrete production. When zeolite is used as supplementary cementitious material, it improves strength and durability of the concrete while reducing its environmental impact. This property helps to improve the workability of the mix and enhance the hydration process of cement. Additionally, zeolite can contribute to the formation of additional cementitious materials, which can further enhance the durability and strength of the concrete. By partially replacing cement with zeolite, we can reduce the overall amount of cement used in concrete production. Manufacturing of cement is a main source of CO₂ emissions, this reduction can help to mitigate the environmental impact of concrete manufacturing.

Keywords: Zeolite, Glass powder, carbon footprint, carbon emissions, environmental impact, cementitious materials

1 Introduction

Despite these limitations, the durability and strength of concrete make it a popular choice in construction. This substitution offers several benefits, such as reducing the environmental impact and improving specific properties of the concrete. Use of glass powder as alternative material for partially replacing for fine aggregate in concrete helps to reduce the demand for natural resources like sand, promote recycling of glass waste and enhance the overall strength

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Rubber fibre reinforced geopolymer concrete with silica fumes as a replacement for fine aggregate

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Abstract: This experimental study deals with the upgrading of rubber fibre reinforced geopolymer concrete with silica fumes as replacement of fine aggregate. Researches are experimenting with replacing ordinary portland cement with GGBS as binder. GGBS has several positive environmental impacts. It reduces the carbon footprints of concrete producing by completely or partially replacing a portion of cement, which is a significant source of CO₂ emission. In this experiment fine aggregate also partially replaced with silica fume by 10%, 20%, 30%, 40% and 50%. Silica fumes is extremely fine particles, with high surface area and reactivity, make it an excellent material for enhancing the properties of concrete. When adding to concrete mixture silica fumes filled the voids between cement particles leading to denser and stronger concrete. Cube and cylinder are the specimens cured at 7 and 28 days for determining the mechanical properties like compressive strength and split tensile strength. Sodium silicate and sodium hydroxide were the alkali solution used as an admixture for the concrete grade-M30. The rubber fibres are added at 0.5%, 1%, 1.5% and 2% to the obtained optimum value. From 10%-50%, 30% of silica fumes in geopolymer shows the optimum mix when compared to conventional Portland cement concrete mix. Our project point to emphasize an advanced concrete mix that is sustainable, durable and ecofriendly for the construction field.

Keywords: Geopolymer concrete, Ground Granulated Blast Furnace Slag, Silica Fumes, Rubber Fibres.

1 Introduction

One of the most adaptable materials that is frequently used in the construction field is concrete, which is regarded as solid and sturdy. Every person on the earth produces more than a ton of concrete annually. Ordinary Portland Cement's contribution to the early strength achievement of concrete accelerates the use of OPC. Because heating calcium carbonate releases greenhouse gases both directly and indirectly through the use of fuel, the production of cement accounts for 5% of all carbon dioxide emissions produced by humans worldwide [1].

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Understanding Sustainable Alternatives for Industrial Waste Apart from Landfills

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Abstract. This study explores innovative methods and technologies that promote efficiency and environmental stewardship in the handling of industrial waste, providing sustainable alternatives to disposal solutions. Waste from various manufacturing techniques, both commercial and municipal, creates very demanding conditions due to its volume and impact on the environment. This study looks at recycling techniques, bio-electrochemical systems, smart waste monitoring systems helped by IoT and advanced computing, and sustainable waste management practices in addition to the 3R concept (reduce, reuse, recycle). The paper also identifies the detrimental effects of conventional disposal methods. The studies demonstrate how sustainable-practice integration can lead to significant waste reduction, resource conservation, and environmental safety in many global contexts and industries. This review promotes the implementation of sustainable waste control techniques across all sectors to lessen the negative effects of commercial waste by analyzing different techniques and their results. It does this by highlighting the scalability and value of these strategies.

Keyword-: Sustainable waste management, landfills, Industrial Symbiosis, advance techniques, classifiers.

1 Introduction

Modern societies develop industrial and municipal solid wastes as a result of industry, mining, and demands from customers. Industries across the 19th century focused on eliminating waste and leftovers to produce high-quality products. Waste materials have been processed, disposed

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INVESTIGATION ON FEASIBILITY OF UTILIZING COFFEE- HUSK ASH AS AN ALKALINE ACTIVATOR IN GEOPOLYMER CONCRETE

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Abstract. Cement production is the major source of global warming which induces 7% of total greenhouse gas emissions. Reducing the use of cement in construction industry needs to be adopted by any of the alternates. One of the best alternates to reduce the impact caused by the cement production process is geopolymer concrete which can completely replace the usage of cement. Geopolymer is trending technology which possess numerous advantages than ordinary Portland cement concrete technology. Geopolymer is produced by the mixing of solid precursor and monomer. Most widely used solid precursors are waste industrial byproducts such as fly ash, GGBS, metakaolin etc., and monomers are alkaline activators like sodium hydroxide and Na_2SiO_3 . Meanwhile, the properties of geopolymer concrete are decided by the various parameters such as quantity of aluminosilicate source in precursor, ratio of NaO/SiO_2 , $\text{SiO}_2/\text{Al}_2\text{O}_3$, $\text{NaOH}/\text{NaSiO}_3$, solution to binder ratio, concentration of NaOH etc., The alkaline activators mostly used are chemical activators which is harmful to humans. Hence, there is a need of finding an alternate for chemical activators in the geopolymer concrete. In this proposed methodology, the chemical alkaline activators have been completely replaced by the waste residue product named coffee husk. Coffee husk is a residue produced from the coffee powder production industry. A total of 18.29 MMT of coffee husk ash has been produced every year. Coffee husk has an inbuilt composition of potassium which is one of the alkaline activators. However, the coffee husk ash needs to be calcinated by the use of oven before to use. In this research, an attempt has been made to utilize the Coffee husk ash (CA), as an alkaline activator and efficient activation mechanism of CA will be examined.

Keywords. Alkaline activator, Mechanical properties, Geopolymer concrete, Flyash, Coffee husk ash.

1. Introduction

Sustainability-related issues have been receiving more and more attention presently. An additional indication of this concern is the rise in research aimed at enhancing sustainability across several domains. This explains why a wide range of studies carried out especially in

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EXPERIMENTAL BEHAVIOUR OF HYBRID FIBER REINFORCED LOW CALCIUM FERRO-GEOPOLYMER PAVER BLOCK

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Abstract. The environment friendly and creative material in the construction field is the Geopolymer concrete. The two main constituents of Geopolymer are the source material and the alkaline liquids. In previous studies, alternate for alumino silicate source material as wood ash in geopolymer concrete was found and optimized with fly ash. Moreover, from the previous literatures it could be noted that, GPC had a less brittleness and energy absorbent. To improve the brittleness and energy absorption capacity polypropylene fibre and rubber fibre were added by 0, 0.25, 0.5, 0.75, and 1 % of volume fraction at different ratios. Further, effects on addition of polypropylene and rubber fibres of the optimized wood ash-fly ash based low calcium geopolymer were studied. In the previous study, hybridization of fibres was found out. On other hand, concrete paver block has major disadvantages of less skid resistance, less strength, less energy absorbent, less slip resistance. Hence, the research on finding an alternative to the cement paver block is needed. Ferro-cement was a wonderful technology in the construction industry which have tendency to give more strength to the structure. In this study, the low calcium ferro-geopolymer paver block for an alternate of cement paver block was proposed. Meanwhile, the ferro-geopolymer technology was used by varying the different type of meshes and different layout patterns of meshes. The optimized ferro-geopolymer paver block is going to be produced by varying the shape and size of paver block, surface texture of the paver block. The compressive behaviour, split tensile behaviour, and flexural behaviour is going to be studied for the optimization of low calcium ferro-geopolymer paver block. Micro-structural characterization is also going to be studied for the detailed understanding of inside reaction of low calcium ferro-geopolymer paver block by SEM and EDX.

Keywords. Hybrid fibers, Mechanical properties, Low calcium ferro-cement, Geopolymer Concrete, Paver block, Water absorption.

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Experimental Study on the Behavior of One Part Geopolymer Concrete Using Natural Binders and Activators

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Abstract. The cement industry is one of the primary factors contributing to the process of global warming with a large carbon footprint. Approximately 8% of global CO₂ emissions are attributed to cement. The development of cement substitute materials has advanced with the discovery of geopolymer concrete. The conventional geopolymers are two-part mixes made up of an activator-containing liquid phase and an aluminum-silicate material-containing solid phase. Among the many benefits of geopolymers are their increased environmental friendliness, better workability, greater compressive strength, increased resistance to sulfate and acids, increased temperature resistance, and decreased drying shrinkage and creep. However, geopolymerization is a difficult procedure. Furthermore, there are still certain drawbacks to geopolymer concrete, such as the fact that alkaline solutions are difficult to handle and apply because they are viscous, corrosive, difficult to transport, as well as challenging to store in huge quantities. As a result, the creation of one-part geopolymer concrete gained more advantages over the traditional two-part geopolymer. Solid aluminosilicate and solid alkali activator combine to form one part geopolymer concrete. The creation of one-part geopolymer concrete with natural binders is the primary goal of this research. It should be highlighted that GGBS based geopolymer concrete is challenging to make and has poor workability. As a result, various proportions of GGBS and silica fume are utilized as binders in this experiment. Powdered NaOH is utilized as alkaline activator. The mechanical properties are established by conducting necessary experiments for finding the best concrete mixture for this present work. The concrete mix with 80%, GGBS, 10% silica fume and 10% NaOH exhibits the expected quality of fresh properties and mechanical characteristics.

Keywords: Carbon footprints, one part geopolymer concrete,

1 Introduction

In order to reduce CO₂ emissions, it is now vital to identify environmentally acceptable building materials as a substitute to regular Portland cement (OPC). The manufacturing of

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Utilization Of Cockle Shell Ash, Sea sand And Plastic Waste In The Manufacture Of Paver Blocks

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Abstract. The cockle shell is categorized as industrial waste and often disposed of in open dumping zones, especially in coastal areas. Therefore, an eco-friendly solution to this disposal issue is crucial, as it can transform waste into a high-value product, such as a partial cement replacement. Also, as there is a growing interest in using alternatives to sand as a replacement for fine aggregate in concrete, in this study we used plastic coated sea sand as a partial replacement for fine aggregate. The design mix is formulated for a non-traffic application, with varying percentages of cockle shell ash and plastic-coated sea sand replacing cement and fine aggregate, respectively. Two curing methods, normal water curing and accelerated curing, are applied. The samples are then tested for compression strength and water absorption after 28 days of curing. The findings indicate that compressive strength value increased with increase in both cockle shell ash content as well as plastic coated sea sand content. The water absorption value increased with increase in cockle shell ash content and decreased with increase in plastic coated sea sand content. Hence, this composite material is suitable for use in paver blocks.

Keywords: Cockle shell ash, Multi-layered plastic waste, Sea sand, Paver block, Compressive strength, Water Absorption

1 Introduction

The use of waste materials in concrete production for sustainability is gaining traction. Studies on concrete made with alternative materials indicate that strengths comparable to conventional materials can be achieved [1]. There is a growing importance in finding an environmentally friendly solution for disposing of cockle shell ash. Therefore, an attempt has been made to utilize this material in paver blocks. Recycling plastic waste is considered an alternative approach to mitigate the environmental impact, despite the implementation of numerous control measures worldwide. The presence of chloride in sea sand restricts its usage in the construction industry. To address this constraint, sea sand is coated with a layer of plastic before being utilized as a construction material. Considering all factors, this study aims to use cockle shell as a partial cement replacement and plastic-coated sea sand as a partial replacement for sand in producing paver blocks.

Paver blocks are typically made from concrete, clay, or natural stone materials in between to provide stability and drainage. They offer advantages such as easy installation, low maintenance and the ability to withstand heavy loads and harsh weather conditions. Cockle is one of the main species in the aquaculture industry. The inclusion of cockle shell ash may positively influence the workability of the concrete, streamlining the mixing, placing and finishing processes. The shells content of calcium carbonate is noteworthy, offering the potential to reduce the alkalinity of the concrete and enhances its resistance to certain chemical attacks. It not only repurposes a seafood industry by-product but also addresses environmental concerns, reduces costs and has the potential to

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GUAR GUM, GELLAN GUM BIOPOLYMER SOILSTABILIZATION

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Abstract. In civil engineering and construction, soil stabilization is an important aspect. There are diverse conventional techniques to improve soil properties and for soil stabilization. This study explores the viability of two types of biopolymers, Guar gum and Gellan gum, as sustainable and ecofriendly additives for clayey soil stabilization. Compaction, unconfined compression test, permeability, consistency limit, consolidation tests were performed in the study. The sample for the test has been prepared that biopolymer has been mixed with soil in different proportions. These biopolymers forms hydrogels when they get activated, and it enhances the bonding between soil particles thereby increasing the strength. Treating soil with biopolymer increases dry unit weight and decreases optimum moisture content (OMC). Addition of gum solution reduces friction between soil particles, leading to marginal increase in dry unit weight. Higher the biopolymer content lower is the OMC content and soil become more stiff. The compressive strength and load bearing capacity is found increasing soil biopolymer specimen upon different days of curing. For every tested percentage of treatment the percentage reduction factor rises with biopolymer concentration due to drop in void ratio that results in a drop in the soil's permeability. Guar Gum and Gellan Gum are used as stabilizers in soil treatment, increasing liquid and plastic limits, shrinkage limit, and viscosity. They activate hydrogels, strengthen bonding activity, and increase shrinkage limit. The addition of Guar Gum and Gellan Gum improves soil biopolymer mix viscosity and adhesion. The findings of this study positively imply that adding this material to weak soil would improve the soil's characteristics.

1 Introduction

In geotechnical engineering, enhancement of soil property is a venerable attempt. Many research exhibits the use of different soil improvement techniques, basically mechanical and chemical soil stabilization techniques. Chemical soil stabilization involves physically changing of the property of soil. Compaction stabilization uses the mechanical means to eliminate air voids and to obtain dense soil mass resulting in soil to bear load without further immediate consolidation or compaction. Chemical soil stabilization is done using binders or by-products like lime, fly ash, bitumen, and cement, basically they are calcium based. Most adopted ground improvement technique is use of admixtures and additives;

India Analysis of Scope of Wind-Energy Development in India

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Abstract. Energy is essential to the nation's economic growth and to raising the standard of living for its citizens. Following its independence, India invested a great deal of resources in expanding its energy potential. As a result, the nation's capacity for generation has grown significantly. Everyone is aware of the environmental risks associated with traditional energy generating. India has thus been planning the development of environmentally friendly renewable-energy generation via solar, hydroelectric, and wind-energy sources. Renewable-energy has received particular attention, even though the nation primarily generates its energy from natural gas and coal. India ranks fourth among the nations that produce wind power this essay has honestly attempted to provide a brief synopsis of the global and Indian developments in wind-energy from the late 20th century to the present. It also examines the results of some global studies conducted on a range of topics related to this industry. One can get a sense of the current state of the wind-energy development project after reading this document.

Keywords: Wind Power, Renewable Energy, MNES, DNES, MNRE.

1 Introduction

It is impossible to overstate the significance of electricity in the modern world. The amount of energy produced in a nation has a significant impact on both the standard of living and the expansion of industry. Coal and oil are the main sources of power production, but their long-term reserves are finite. In addition, the release of greenhouse gases and other pollutants from these fuels pollutes the atmosphere. Around the world, efforts are being undertaken to lessen this issue and to focus more on generating energy from renewable sources [1-3]. Nowadays, wind-energy is widely regarded as a financially feasible way to boost energy production while lowering air pollution and global warming. The technology has advanced significantly over the past 20 years, and energy conversion systems now function dependably and affordably.

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Improving the Quality of the Air and Implementing into Effective Pollution Mitigation Methods

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Abstract. This review paper explores the impact of air pollution on human health, focusing on indoor and outdoor air quality. It highlights the importance of pollutants like particulate matter, nitrogen dioxide, sulfur dioxide, and volatile organic compounds, which contribute to diseases like lung cancer, heart disease, and respiratory issues. The paper also examines sources and types of air pollutants, including industrial activities, transportation, and natural events. It presents a comparative analysis of air quality issues across different regions, highlighting the complexities and severity of pollution. The paper examines pollution control technologies for industry and transport, innovative approaches like hydrogen fuel utilization and intelligent transportation systems. It also discusses the influence of regulatory standards on indoor environmental quality and the challenges posed by regional differences. The paper aims to contribute to the ongoing discourse on air quality management and encourages the development of more robust pollution control measures.

Keyword-: Air Quality, Pollution, Strategies, Prediction, Control, Monitoring.

1 Introduction

Since 90% of individuals spend their time indoors, interior settings have a substantial impact on the health of humans. Every year, indoors pollution of the air (IAP), which is caused by

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Integrating forest management and Watershed health for Sustainable Water sources

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Abstract. This paper explores the complex relationship among forest management practices and watershed health, emphasizing the crucial function of forests in sustaining freshwater sources. It critiques various factors impacting watershed fitness, including land use changes, deforestation, and urbanization. The study conducted here highlights the importance of sustainable forest management practices, such as environment-based techniques and carbon sequestration, in retaining water quality and quantity. Additionally, it discusses the impact of forest composition on watershed health and the subsequent results on soil approaches, water quality, and biodiversity. The paper additionally addresses the challenges and strategies in handling watersheds, considering the socio-economic, environmental, and political aspects. The findings recommend that an incorporated technique regarding community participation, cross-sectorial coverage integration, and advanced management strategies can improve watershed health and make a contribution to global water security.

Keyword-: Forest management, watershed, sustainability, water sources, Deforestation.

1. Introduction

Water scarcity and contamination are major risks to the world's water resources, affecting ecosystem health as well as social and economic well-being. These problems are exacerbated by improper land use management, which calls for better land management,

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Investigation of Solar Powered Single Effect Absorption System

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Abstract. Cooling processes like refrigeration and air conditioning are known for their high energy consumption. Since most Indian states experience abundant sunshine year-round, solar refrigeration is a suitable technology for the country. Solar-powered absorption refrigeration systems offer a viable alternative to traditional refrigeration, providing not only cooling and ice-making capabilities but also energy savings and environmental benefits. However, further research is necessary to enable widespread industrial adoption and the replacement of conventional refrigeration systems with solar powered absorption system. Using solar energy for an air-conditioning system is typically more cost-effective, when it can fulfil both heating and cooling needs. This research focuses on the thermodynamic modelling of a system, specifically the effect of various temperature on COP. Thermodynamic modelling was done with the help of first law of thermodynamics. Using engineering equation solver software, study simulated the cycle and equations were developed for energy and mass flow for each component. Further, before proceeding to analysis some assumptions were also made. We then analysed how the Coefficient of Performance (COP) changed when varying the temperatures across each component. Our findings show that COP increases with increase in condenser, evaporator, and absorber temperatures, but it is declined with decrease in generator temperature.

Keyword-: single effect absorption system, generator, condenser, evaporator and absorber temperature, COP, thermodynamic modelling.

1 Introduction

The sun is the primary source of energy supplied by water, fossil fuels and wind. Solar energy is mortal energy and does not disappear. Both refrigerators and space cooling are high-energy products. The demand for spatial cooling is greater during the day, when the

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A Comparative Analysis of Post-Disaster Analysis Using Image Processing Techniques

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Abstract. Post-disaster recovery is a multifaceted system essential for rebuilding communities and infrastructure. Despite its importance, many limitations obstruct powerful recuperation, main to tremendous loss of life and monetary assets. This paper synthesizes varied approaches in the direction of sustainable restoration, highlighting the increasing reliance on technology for disaster management. Image processing strategies, pivotal in addressing these demanding situations, are reviewed across studies. Those strategies range from SLIC segmentation and Random forest classification to advanced deep learning models together with U-net and YOLOv8, machine learning algorithms like SVM, and image category methodologies along with bi-temporal analysis. Comparative evaluation reveals that those strategies presents promising consequences, with accuracies starting from 75% to over 94%. The paper gives a framework for understanding the role of various image processing strategies in improving disaster control strategies, emphasizing their implications for future studies and application.

Keyword-: Disasters, post-disasters, recovery, machine learning techniques, classifications.

1. Introduction

The process of rebuilding public services, accommodation, and infrastructure following a

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PREDICTION OF STREAMFLOW IN RIVER BASIN -USING ANN

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Abstract. In addition to the flood level predictions, our system provides valuable insights into future rainfall patterns. With the data set we have gathered, we can determine the expected amount of rainfall in the upcoming months. By combining the flood level predictions with the rainfall data, we can better understand the overall flood risk and take proactive measures to mitigate its impact. Our system equips us with the necessary information to make informed decisions and enhance flood preparedness strategies. The main difference is that we focus on predicting flood levels using a combination of current water level data and real-time weather data. This allows us to have a more accurate understanding of potential flood events. Additionally, our paper also incorporates rainfall data to assess the risk of flooding in the coming months. By considering multiple factors, we aim to provide a more holistic understanding of flood risks and enhance preparedness strategies. By combining the flood level predictions with rainfall forecasts, we can assess the flood risk in the coming months and take preventive actions, such as implementing early warning systems or strengthening infrastructure, to minimize the impact of potential flood events.

Keywords: Daily streamflow, Forecasting hydrological modelling, ANN, Flood forecasting

1 Introduction

Stream flow prediction plays a crucial role in water resource management and flood forecasting. In this study, we explore the application of Artificial Neural Networks (ANN) software in combination with Visual Studio Code (VS Code) as a powerful tool for stream flow prediction. By leveraging the computational capabilities of ANN and the flexibility of VS Code, we develop a robust model that incorporates various hydrological variables to accurately forecast stream flow. Our results demonstrate the effectiveness of this approach in improving stream flow prediction accuracy, offering valuable insights for water resource planning and management [1]. Seasonal rainfall and stream flow forecasting play a vital role

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INVESTIGATION OF ENHANCED LANDFILL LINERS USING KUTTANAD CLAY

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Abstract: Landfill liners are layers of materials used to protect soil and groundwater from contaminants. A study aims to improve the performance and effectiveness of these liners by using bentonite and fly ash as amending materials. The research aims to contribute to the sustainable waste management practices by offering cost-effective and environmentally friendly alternatives for landfill liner construction. By using locally available materials, the proposed amended liners can reduce dependency on imported materials and minimize the environmental footprint associated with conventional liner systems. The study investigates the synergistic effect of bentonite and fly ash as amending materials for improving the mechanical and hydraulic characteristics of Kuttanad clayey soil. In economic view, to maximize the usage of fly ash, bentonite can be replaced up to 30%. This mix is found to be suitable amended soil liner with a coefficient of permeability value which satisfies the permeability criteria of landfill liner.

Keywords: Landfill liner, bentonite, fly ash, environment sustainability

1. INTRODUCTION

Landfills are an important part of modern waste management systems and serve as final storage facilities for large quantities of domestic, industrial and hazardous waste. However, improper landfill containment poses significant environmental risks, especially when groundwater and soil are contaminated [7]. To reduce these risks, effective landfill liners are needed to prevent leachate, a highly toxic liquid produced by the decomposition of waste, from seeping into the surrounding environment [6].

A landfill usually consists of several separate parts, such as a liner, waste chambers, compacted waste, cover material, gas collection system, leachate collection system, and final cover, each of which serves a specific purpose in waste management. The most important part of a landfill is the bottom liner, which acts as the primary barrier between the waste in the landfill and the underlying soil and groundwater [8]. The defining factor of the liner is its impermeability, which prevents the migration of pollutants such as leachate into the soil and groundwater surrounding the landfill. Landfills are constructed from synthetic materials such as geomembranes and clay liners. Although these materials have proven effective in containing runoff, their production, transportation and installation often involve significant financial and environmental costs. Furthermore, their dependence on

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Unscrambling traffic congestion and increasing sustainability in special urban intersection

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Abstract: Traffic congestion in India's densely populated urban centres is a major challenge exacerbated by rapid urbanization and a surge in vehicles surpassing infrastructure growth. Gridlocks and slow-moving vehicles are common due to inadequate road networks and poorly planned intersections, leading to longer commutes, productivity loss, and heightened pollution and safety concerns. Mitigation efforts include infrastructure upgrades and sustainable transportation promotion, implementing Indian Road Congress (IRC) signal design guidelines for intersection optimization and traffic flow management. Pedestrian safety remains critical, requiring comprehensive strategies integrating public transportation enhancement, road infrastructure optimization, and alternative travel modes promotion. Utilizing advanced technology for traffic monitoring, alongside urban planning initiatives prioritizing efficient land use and mixed-use developments, is crucial. Furthermore, policies promoting telecommuting and flexible work schedules can help alleviate the burden of peak-hour traffic. Flyovers offer relief by allowing vehicles to bypass congested areas, improving traffic flow. Congestion indirectly contributes to pollution, emphasizing the importance of catalytic converters in reducing harmful emissions from vehicle exhaust. This comprehensive approach aims to create smoother and more sustainable transportation systems while addressing congestion and pollution issues effectively.

Keywords: Traffic volume, pollutions, IRC, PCU Values



1 Introduction

Traffic congestion in India presents a significant challenge, especially in densely populated urban areas. Rapid urbanization and economic growth have led to a surge in the number of vehicles on Indian roads [2], surpassing the expansion of infrastructure. The result is chaotic traffic scenarios marked by gridlocks, slow-moving vehicles, and frayed nerves [3]. In many cities, inadequate road networks, poorly planned intersections, and a lack of proper traffic management exacerbate the problem. Moreover, the proliferation of motor vehicles, including cars, motorcycles, and auto-rickshaws, coupled with limited public transportation options, further compounds the issue. This congestion not only leads to longer commute times and decreased productivity but also contributes to heightened air pollution levels and

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The Development of Composites Materials: From Conventional to Innovative Uses

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Abstract. This paper explores the evolution, development, and application of composite substances from conventional methodologies to their innovative uses throughout numerous sectors. Composite materials, known for their strength, versatility, and resilience, have seen substantial advances, especially with the incorporation of nanotechnologies and hybrid fiber reinforcements. By means of analyzing exclusive matrix substances, reinforcement sorts, and fabrication techniques, this study highlights the transition from traditional composites to advanced metallic matrix nanocomposites (MMNCS) and fiber-reinforced polymers (FRPS). Special interest is given to the demanding situations associated with manufacturing, together with uniform dispersion of nanoparticles and damage-free machining of fiber composites. Moreover, the paper discusses the environmental impact that specialize in sustainable options like natural fiber reinforcements. Through comprehensive critiques and case studies, this research objectives to offer a holistic information of the cutting-edge state and future potential of composite materials in improving industrial purposes even as addressing environmental concerns.

Keyword : Composite material, natural fibre, metal matrix, nano-composites, fabrication technique, classification.

1 Introduction

The strength, resilience to breakdown, and versatility of composite materials make them

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3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during year

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr. K Arun Kumar	NA	Utilization of Waste Byproduct in the Production of Green Geopolymer Concrete	Lecture Notes in Civil Engineering	International Conference on Interdisciplinary Approaches in Civil Engineering and Sustainable Development. IACESD 2023.	International	2023	978-981-97-0910-6_26	Mangalam College of Engineering	Springer
2	Dr. K Arun Kumar	NA	Utilization of silica fume for the production of self compacting GGBS based geopolymer concrete.	AIP Conference Proceedings	INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN SCIENCE AND TECHNOLOGY (RIST2022)	International	2024	1551-7616	Mangalam College of Engineering	AIP Publishers
3	Dr. K Arun Kumar	NA	Effect of silica fume on rheological, mechanical and durability properties of ground granulated blast furnace slag based geopolymer concrete	AIP Conference Proceedings	INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN SCIENCE AND TECHNOLOGY (RIST2022)	International	2024	1551-7616	Mangalam College of Engineering	AIP Publishers

4	Dr. K Arun Kumar	NA	Parametric Study on Strength Performance of Geopolymer Concrete Using Industrial By-Products. Recent Advances in Mechanical Engineering	Lecture Notes in Mechanical Engineering.	Recent Advances in Mechanical Engineering. ICRAMERD 2023	International	2023	978-981-97-1080-5_10	Mangalam College of Engineering	Springer
5	Dr. K Arun Kumar	NA	Experimental investigations on fresh and mechanical properties of fly ash and ground granulated blast furnace slag self-compacting geopolymer concrete	Materials Today Proceedings	INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN SCIENCE AND TECHNOLOGY (RIST2022)	International	2024	2214-7853	Mangalam College of Engineering	Elsevier
6	Gokul P V	NA	An Experimental Study on Performance of Two-Part Geopolymer Concrete Using Natural Binders and Activators.	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
7	Dr. D Ramesh Kumar	NA	Correlation of Mechanical and Durability Properties of Binary and Ternary Blended High-performance Concrete.	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences

8	Sankar B	NA	Correlation of Mechanical and Durability Properties of Binary and Ternary Blended High-performance Concrete.	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
9	Dr. K Arun Kumar	NA	Comparative study on the performance of one part and two part geopolymers concrete.	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
10	Gokul P V	NA	Comparative study on the performance of one part and two part geopolymers concrete.	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
11	Dr. D Ramesh Kumar	NA	Comparative study on the performance of one part and two part geopolymers concrete.	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
12	Reni Kuruvilla	NA	Experimental study on partial replacement of fine aggregate in concrete by waste tyre rubber and cement by fly ash.	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences

13	Salini Theres N Kurian	NA	Experimental Study on Rubberized Geopolymer Concrete with Sugarcane Bagasse Ash	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
14	Aswathy Soman	NA	Experimental study on steel fiber reinforced concrete modified with egg shell powder and nano silica	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
15	Dr. D RameshKumar	NA	A Novel Perspective in Construction: Analysing the Effects of 3-D Printing Innovation	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
16	Sankar B	NA	Review of Mechanical, Durability, and Thermal properties of Light weight concrete containing cenosphere	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
17	Dr. D RameshKumar	NA	Advancements in Concrete Performance by Using Waste materials in the Mixture,	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences

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18	Abhijith Kumar A N	NA	Use of plastic waste as recycled material in the concrete	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
19	Dr.Swaminathan P.	NA	Use of silica fume as a replacement of cement in the concrete	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
20	Aksharamol G Raj	NA	Advancement of Concrete by Partially Replacing Cement by Zeolite & Fine Aggregate by Glass Powder	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
21	Nimisha Annie Abraham	NA	Rubber fibre reinforced geopolymer concrete with silica fumes as a replacement for fine aggregate	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
22	Asha Jose	NA	Understanding Sustainable Alternatives for Industrial Waste Apart from Landfills	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences

23	Dr. K Arun Kumar	NA	Investigation on Feasibility of Utilizing Coffee-Husk Ash as an Alkaline Activator in Geopolymer Concrete	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
24	Gokul P V	NA	Investigation on Feasibility of Utilizing Coffee-Husk Ash as an Alkaline Activator in Geopolymer Concrete	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
25	Dr.Swaminathan P.	NA	Experimental Behaviour of Hybrid Fiber-Reinforced Low Calcium Ferro Geopolymer Paver Block	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
26	Dr. K Arun Kumar	NA	Experimental Behaviour of Hybrid Fiber-Reinforced Low Calcium Ferro Geopolymer Paver Block	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
27	Gokul P V	NA	Experimental Study on the Behavior of One Part Geopolymer Concrete Using Natural Binders and Activators	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences

28	Silpa Caroline James	NA	Utilization of Cockle Shell Ash, Sea sand and Plastic Waste in the Manufacture of Paver Blocks	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
29	Mita Ann Zachariah	NA	Guar Gum, Gellan Gum Biopolymer Soil Stabilization	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
30	Haritha M R	NA	India Analysis of Scope of Wind-Energy Development in India https://doi.org/10.1051/e3sconf/202452902012	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
31	Karthika S Nair	NA	Improving the Quality of the Air and Implementing into Effective Pollution Mitigation Methods	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
32	Rakhi Sugunan	NA	Integrating forest management and Watershed health for Sustainable Water sources	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences

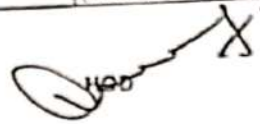


33	Dr. Radhakrishnan R	NA	Investigation of Solar Powered Single Effect Absorption System	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
34	Geethu Lal	NA	A Comparative Analysis of Post-Disaster Analysis Using Image Processing Techniques	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
35	Reni Kuruville	NA	Prediction of Streamflow in River Basin-Using ANN	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
36	Lt. Abhijith Kumar A N	NA	Investigation of Enhanced Landfill Liners Using Kuttanad Clay	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
37	Dr. Radhakrishnan R	NA	Unscrambling traffic congestion and increasing sustainability in special urban intersection	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences

38	Sreerench Raghavu	NA	The Development of Composites Materials: From Conventional to Innovative Uses	E3S Web of Conferences	International Conference on Sustainable Goals in Materials, Energy and Environment (ICSMEE'24)	International	2024	2267-1242	Mangalam College of Engineering	EDP Sciences
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Criteria Coordinator

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KSG/42/INTP/24-03/L4991

15.03.2024

CERTIFICATE

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

Name of the Student	Ms. SUHAILA NAZEER
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS115
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI031998
Roll No./Register No.	K23421110912
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning, and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)



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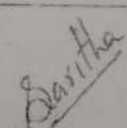
KSG/42/INTP/24-03/L4992

15.03.2024

CERTIFICATE

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

Name of the Student	Mr. MELBIN SCARIA THOMAS
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS092
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032005
Roll No./Register No.	K23421110913
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)



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KSG/42/INTP/24-03/L4993

15.03.2024

CERTIFICATE

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

Name of the Student	Ms. POOJA AJAY
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS102
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032013
Roll No./Register No.	K23421110914
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Sarika
Authorized Signatory
(Knowledge Services)



[Signature]
Form No. KSG/INTP/Type-1/2-Rev1 06.08.2023

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Doc. No: KSG/LH/07-23/015(2500)

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KSG/42/INTP/24-03/L4994

15.03.2024

CERTIFICATE

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

Name of the Student	Ms. VIDHYA K B
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS120
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032017
Roll No./Register No.	K2342I110915
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Savitri
Authorized Signatory
(Knowledge Services)



[Handwritten Signature]

ITBG - Knowledge Services Group

GSTIN : 32AABCK1319E4Z5

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

KSG/42/INTP/24-03/L4995

15.03.2024

CERTIFICATE

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

Name of the Student	Ms. HIBA FATHIMA SHAJAHAN
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS067
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032015
Roll No./Register No.	K23421110916
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Hiba
Authorized Signatory
(Knowledge Services)



KSG/42/INTP/24-03/L4997

15.03.2024

CERTIFICATE

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

Name of the Student	Ms. SHAHANA BANU E S
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS109
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032008
Roll No./Register No.	K23421110918
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Darisha
Authorized Signatory
(Knowledge Services)



KSG/42/INTP/24-03/L4998

15.03.2024

CERTIFICATE

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

Name of the Student	Ms. PARVATHI P
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS101
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032012
Roll No./Register No.	K23421110919
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Darsha
Authorized Signatory
(Knowledge Services)



[Handwritten Signature]

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KSG/42/INTP/24-03/L4999

15.03.2024

CERTIFICATE

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

Name of the Student	Ms. MEENAKSHI J
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS091
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032010
Roll No./Register No.	K23421110920
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Dasika
Authorized Signatory
(Knowledge Services)



[Handwritten Signature]

Temp.No. KSG/INTP/1,pe-1/2/Rev1 06.08.2023

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KSG/42/INTP/24-03/L5000

15.03.2024

CERTIFICATE

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

Name of the Student	Mr. ADITHYAN R
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS012
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032018
Roll No./Register No.	K2342I110921
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Dayitha
Authorized Signatory
(Knowledge Services)



[Signature]
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KSG/42/INTP/24-03/L4984

15.03.2024

CERTIFICATE

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

Name of the Student	Mr. VINAYAK S
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS121
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032025
Roll No./Register No.	K23421110905
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Darisha
Authorized Signatory
(Knowledge Services)



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KSG/42/INTP/24-03/L4985

15.03.2024

CERTIFICATE

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

Name of the Student	Ms. KHADEEJA REJI NEENAKUTTY
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS084
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032014
Roll No./Register No.	K23421110906
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Santhi
Authorized Signatory
(Knowledge Services)



[Signature]
Form No. KSG/INTP/Type-1/2 Rev.1.06.05.2023

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KSG/42/INTP/24-03/L4986

15.03.2024

CERTIFICATE

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

Name of the Student	Ms. SAYAHNA S BABU
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS107
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032009
Roll No./Register No.	K23421110907
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Sayitha
Authorized Signatory
(Knowledge Services)



[Signature]
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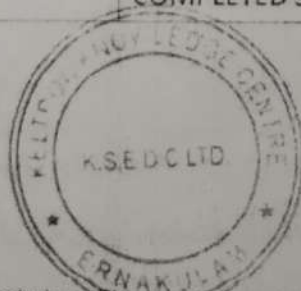
15.03.2024

CERTIFICATE

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

Name of the Student	Ms. GOWRI S PREM
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS066
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	K1031999
Roll No./Register No.	K23421110908
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Sarika
Authorized Signatory
(Knowledge Services)



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Form No. KSG/INTP/Type-1/2/Rev1.06.08.2023

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KSG/42/INTP/24-03/L4988

15.03.2024

CERTIFICATE

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

Name of the Student	Ms. SONA SOJAN
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS111
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032001
Roll No./Register No.	K2342I110909
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Dariffa
Authorized Signatory
(Knowledge Services)



[Signature]

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

Doc. No: KSG/LH/07-23/015(2500)

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ITBG - Knowledge Services Group

GSTIN: 32AABCK1319E425

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KSG/42/INTP/24-03/L4989

15.03.2024

CERTIFICATE

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

Name of the Student	Mr. JAYAKRISHNAN M G
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS068
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032004
Roll No./Register No.	K23421110910
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Danitha
Authorized Signatory
(Knowledge Services)



[Handwritten Signature]

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KSG/42/INTP/24-03/L4990

15.03.2024

CERTIFICATE

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

Name of the Student	Ms. KRISHNENDHU J
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS085
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032002
Roll No./Register No.	K23421110911
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Sanitha
Authorized Signatory
(Knowledge Services)



[Handwritten Signature]

भारत सरकार की संस्था

Government of India Society

फाउण्ड्री भवन, अग्रा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)

Reg. No : 196428

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Krishnaprasad S

S/o Mr. Prasad MK

has successfully completed the training

011

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

कायदा नं. 282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)

PPDC

Reg. No : 196429

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Neha Maria Shaji

D/o Mr. Shaji Mathew

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettimanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2023
PLACE : AGRA



touchQ Software Solutions Pvt. Ltd
First Floor, Tri-Star Tower
NH-66, Thykoodam, Vytilla
Kochi. PIN: 682019

ouchQ Software Solutions Pvt. Ltd
New Dimensions to your touch

CIN: U72900KL2013PTC035523
GST: 32AAECT8452C1ZK
Ph: +91 9061 58 73 59
www.touchqsolutions.com
info@touchqsolutions.com

Internship Certificate

This is to certify that Anju Raj N has successfully completed a 5-day internship at Touchq Software Solutions pvt ltd . The internship took place from 18-2-2024 to 22-2-2024, during which she demonstrated exceptional commitment, eagerness to learn, and a strong work ethic.

Internship Details:

Organization: Touchq Software Solutions Pvt Ltd

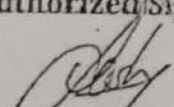
Intern's Name: Anju Raj N

Internship Period: 18-2-2024 to 22-2-2024

This certificate is awarded as a testament to Anju Raj N's dedication and valuable contribution during the internship.

Date of Issue: 23-2-2024

Authorized Signature Pvt. Ltd.


JOSHY JOSEPH Managing Director

MANAGING DIRECTOR

TOUCHQ SOFTWARE SOLUTIONS PVT LTD



CERTIFICATE

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

Name of the Student	Ms. ANSIYA S
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS043
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032211
Roll No./Register No.	K23421110902
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY



This is to certify that Aswathi Ajith kumar has successfully completed a 5-day internship at Touchq Software Solutions Pvt Ltd . The internship took place from 18-2-2024 to 22-2-2024, during which she demonstrated exceptional commitment, eagerness to learn, and a strong work ethic.

Internship Details:

Organization: Touchq Software Solutions Pvt Ltd

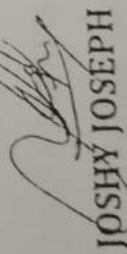
Intern's Name: Aswathi Ajith kumar

Internship Period: 18-2-2024 to 22-2-2024

This certificate is awarded as a testament to Aswathi Ajith kumar's dedication and valuable contribution during the internship.

Date of Issue: 23-2-2024

For TOUCHQ Software Solutions Pvt.Ltd.
Authorized Signature


JOSHY JOSEPH

Managing Director

MANAGING DIRECTOR

TOUCHQ SOFTWARE SOLUTIONS PVT LTD





This is to certify that Aswathy M.P has successfully completed a 5-day internship at Touchq Software Solutions Pvt Ltd . The internship took place from 18-2-2024 to 22-2-2024, during which she demonstrated exceptional commitment, eagerness to learn, and a strong work ethic.

Internship Details:

Organization: Touchq Software Solutions Pvt Ltd

Intern's Name: Aswathy M.P

Internship Period: 18-2-2024 to 22-2-2024

This certificate is awarded as a testament to Aswathy M.P's dedication and valuable contribution during the internship.

Date of Issue: 23-2-2024

For TOUCHQ Software Solutions Pvt.Ltd.

Authorized Signature



Managing Director

JOSHY JOSEPH

MANAGING DIRECTOR

TOUCHQ SOFTWARE SOLUTIONS PVT LTD

A handwritten signature in green ink, located in the bottom right corner of the page.

CERTIFICATE

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

Name of the Student	Mr. B HARIDEV
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P.O, 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/Roll No.	MLM23CS055
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032113
Roll No./Register No.	K23421110924
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence, Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI
Status	COMPLETED SUCCESSFULLY



CERTIFICATE

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

Name of the Student	Mr. BADUSHA FAIZAL
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P.O, 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/Roll No.	MLM23CS052
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032121
Roll No./Register No.	K2342110927
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

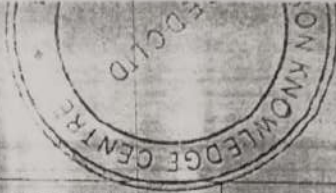


Dr. H. S.

CERTIFICATE

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

Name of the Student	Mr. BADUSHA FAIZAL
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P.O, 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/Roll No.	MLM23CS052
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032121
Roll No./Register No.	K23421110927
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY



2/3/24

CERTIFICATE

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

Name of the Student	Ms. BEEMA FATHIMA
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS053
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032116
Roll No./Register No.	K2342110923
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY



For File

CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Binil Biju

Mangalam College Of Engineering, Ettumanoor
has completed 7 days internship on Flutter conducted by Reverttech IT Solutions from

22/02/2024 to 28/02/2024

06 MARCH 2024

Date



(Handwritten signature)

MIDHUN M
Director, Reverttech IT
Solutions

(Handwritten signature)

Internship Certificate

This is to certify that D Salini has successfully completed a 5-day internship at Touchq Software Solutions Pvt Ltd . The internship took place from 18-2-2024 to 22-2-2024, during which she demonstrated exceptional commitment, eagerness to learn, and a strong work ethic.

Internship Details:

Organization: Touchq Software Solutions Pvt Ltd

Intern's Name: D Salini

Internship Period: 18-2-2024 to 22-2-2024

This certificate is awarded as a testament to D Salini's dedication and valuable contribution during the internship.

Date of Issue: 23-2-2024

For TOUCHQ Software Solutions PvtLtd.

Authorized Signature

Managing Director

JOSHY JOSEPH

MANAGING DIRECTOR

TOUCHQ SOFTWARE SOLUTIONS PVT.LTD



Internship Certificate

This is to certify that Devapriya B has successfully completed a 5-day internship at Touchq Software Solutions Pvt Ltd . The internship took place from 18-2-2024 to 22-2-2024, during which she demonstrated exceptional commitment, eagerness to learn, and a strong work ethic.

Internship Details:

Organization: Touchq Software Solutions Pvt Ltd
Intern's Name: Devapriya B

Internship Period: 18-2-2024 to 22-2-2024

This certificate is awarded as a testament to Devapriya B's dedication and valuable contribution during the internship.

Date of Issue: 23-2-2024

For TOUCHQ Software Solutions Pvt.Ltd.
Authorized Signature
JOSH Y JOSEPH
Managing Director

MANAGING DIRECTOR
TOUCHQ SOFTWARE SOLUTIONS PVT LTD



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Dhanush B Nair

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Révertech IT Solutions from

22/02/2024 to 28/02/2024

06 MARCH 2024

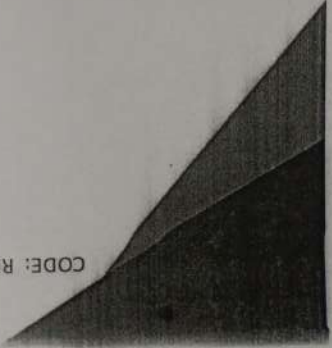
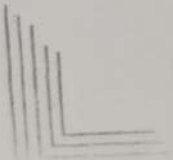
Date



MIDHUN M
Director, Révertech IT
Solutions

CODE: REVFLINT12

Réver Tech



CODE: REVFLINT10

Rêver Tech



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Fenil Aju

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Revertech IT Solutions from

22/02/2024 to 28/02/2024

06 MARCH 2024

Date

MIDHUN M
Director, Revertech IT
Solutions



Internship Certificate

This is to certify that Aiswarya Madhu has successfully completed a 5-day internship at Touchq Software Solutions Pvt Ltd. The internship took place from 18-2-2024 to 22-2-2024, during which she demonstrated exceptional commitment, eagerness to learn, and a strong work ethic.

Internship Details:

Organization: Touchq Software Solutions Pvt Ltd

Intern's Name: Aiswarya Madhu

Internship Period: 18-2-2024 to 22-2-2024

This certificate is awarded as a testament to Aiswarya Madhu's dedication and valuable contribution during the internship.

Date of Issue: 23-2-2024

For TOUCHQ Software Solutions Pvt.Ltd

Authorized Signature

Managing Director

JOSHY JOSEPH

MANAGING DIRECTOR

TOUCHQ SOFTWARE SOLUTIONS PVT LTD



Handwritten signature in green ink.

KSG/42/INTP/24-03/L4982

15.03.2024

CERTIFICATE

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

Name of the Student	Mr. AKASH ANIL
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration/Roll No.	MLM23CS019
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Katoor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032208
Roll No./Register No.	K23421110903
Program Category	INTERNSHIP
Period & Duration of the Program	19.03.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence, Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI Types of AI
Status	COMPLETED SUCCESSFULLY

15.03.2024
KSG/42/INTP/24-03/L4982

CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Albert Saji

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Revertech IT Solutions from
22/02/2024 to 28/02/2024

06 MARCH 2024

Date

CODE: REVFLINT05

Rever Tech



MIDHUN M

Director, Revertech IT
Solutions



KSG/42/INTP/24-03/L980

15.03.2024

CERTIFICATE

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

Name of the Student	MS. ANAGHA K B
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P.O, Etumanoor, Kottayam, Kerala - 686631
Institution is Affiliated to	A J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Students Registration/Roll No.	MLM23CS033
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032214
Roll No./Register No.	K2342110901
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence; Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI
Status	COMPLETED SUCCESSFULLY



CERTIFICATE

OF COMPLETION

THIS IS TO CERTIFY THAT

Anand MS

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Revertech IT Solutions from
22/02/2024 to 28/02/2024

06 MARCH 2024

Date



Director, Revertech IT Solutions

MIDHUN M

Midhun

Rêver Tech



CODE: REVFLINT19





CERTIFICATE OF COMPLETION THIS CERTIFICATE IS PROUDLY PRESENTED TO

ANGREA SEBASTIAN

From MANGALAM COLLEGE OF ENGINEERING, ETTUMANGOR, KOTTAYAM Reg: No MLM23CS036

for successfully completing the 5 days internship in Cyber security and Cyber forensic.

held from 17/02/2024 to 24/02/2024 by Nyste Venture Technologies Pvt Ltd Cochin



www.nysteventuretech.com



Managing Director

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XSG/42/NTP/24-03/L4979

15.03.2024

CERTIFICATE

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

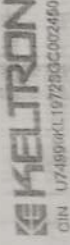
Name of the Student	Ms. ANGEL SUNNY
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkall P O, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration/Roll No.	MLM23C5038
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No	K1032215
Roll No./Register No	K2342110900
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence, Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI
Status	COMPLETED SUCCESSFULLY

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

ITBG - Knowledge Services Group

GSTIN: 22AARCK1318E-425

Phone: 0471-2724765 || Helpline No: +91 91806655415 || E-mail: itbg@keltron.org || Website Link: www.keltron.in



KSS/47/INTP/24-03/LS004

15.03.2024

CERTIFICATE

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

Name of the Student	Ms. ANJALY H KRISHNA
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MIM23CS039
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MIES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032106
Roll No./Register No.	K2342110925
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence, Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI
Status	COMPLETED SUCCESSFULLY

Sophia
Authorized Signatory
(Knowledge Services)



Regd. Office : Keltron House, Vellayambalam, Punalur, Thrissur, Kerala State, India. Pin:695 033. Tel: 0471-4094444
Doc No: KSSU/07-24/015/2500

www.keltron.org

Visit us at www.keltron.org

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

ITBG - Knowledge Services Group

GSTIN: 32AAABCK1319E4Z5

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

KELTRON[®]

CIN: U74999KL19728GC002460

KSG/42/INTP/24-03/L5001

15.03.2024

CERTIFICATE

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

Name of the Student	Mr. ABHINAV KRISHNA S
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P.O, 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/Roll No.	MLM23CS003
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032107
Roll No./Register No.	K23421110922
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

[Signature]
Authorized Signatory
(Knowledge Services)



Regd. Office: Keltron House, Vellayambalam, Thiruvananthapuram, Kerala State, India, Pin 696 033, Tel: 0471-2724765
Doc. No: KSG/LH/07-230115(2500) Visit us at our website: <http://www.keltron.org>

CERTIFICATE

OF COMPLETION

THIS IS TO CERTIFY THAT

Abhishek J

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Revertech IT Solutions from
22/02/2024 to 28/02/2024

06 MARCH 2024



Date



MIDHUN M
Director, Revertech IT
Solutions

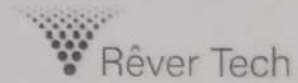


CODE: REVLINT06

Rever Tech



CODE: REVFLINT11



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Abhishek Nair

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Reverttech IT Solutions from

22/02/2024 to 28/02/2024

A handwritten signature in black ink, appearing to read "Midhun M".

MIDHUN M

Director, Reverttech IT
Solutions

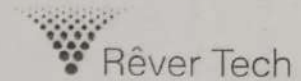


06 MARCH 2024

A handwritten signature in green ink, appearing to be a stylized name.

Date

CODE: REVFLINT08



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Adithyan M

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Reverttech IT Solutions from

22/02/2024 to 28/02/2024

A handwritten signature in black ink, appearing to read "Midhun M".

MIDHUN M
Director, Reverttech IT
Solutions



06 MARCH 2024

A handwritten signature in green ink, appearing to be a stylized name.

Date

KSG/42/INTP/24-03/L5008

15.03.2024

CERTIFICATE

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

Name of the Student	Mr. ADITHYAN R PILLAI
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS013
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032124
Roll No./Register No.	K23421110926
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Saritha
Authorized Signatory



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

KELTRON
CIN : U74999KL1975GCL002450

ITBG - Knowledge Services Group

GSTIN : 32AABDC1319E425

Phone: 0471-2724755 || Helpline No. +91 9186655445 || E-mail: itbg@keltron.org || Website Link: www.keltron.in

KSG/42/INTT/24-03/14983

15.03.2024

CERTIFICATE

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

Name of the Student	Mr. ADVAITH G
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No	MLM23CS014
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032210
Roll No./Register No.	K23421110904
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Authorized Signatory
(Knowledge Services)



Regd. No. 2023/04/Type - 02/Date: 15.03.2024

Regd. Office : Keltron House, Vaillyancherry, I (P) Vayalunthiapuram, Kerala State, India Pin:095 033, Tel: 0471-4094444
Doc. No: KSGCL/H07-23/019/25907

Visit Our Official Website: <http://www.keltron.org>

KSG/42/INTP/24-03/L5007

15-03-2024

CERTIFICATE

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

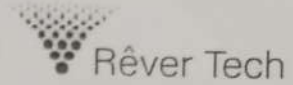
Name of the Student	Ms. AGNASS GEORGE
Name & Address of the College/Institution at which the Student is studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P.O, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech In Computer Science & Engineering
Student's Registration/Roll No.	MILW23CS016
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Kelttron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032105
Roll No./Register No.	K23421110929
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Barita

Authorized Signatory
(Knowledge Services)



CODE: REVFLINT09



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Ahammed fawaz

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Reverttech IT Solutions from

22/02/2024 to 28/02/2024

MIDHUN M
Director, Reverttech IT
Solutions



06 MARCH 2024

Date

ACCELMOVE
DYNAMICS



Reg no:140300



CERTIFICATE OF INTERNSHIP

This certificate is presented to

Ebnu Hajeesh

*student of Mangalam College of Engineering Ettumanoor was in our company as an intern from
24/01/24 to 28/01/24*

During their 5 days internship on Python with us, they actively contributed to various projects and initiatives. They exhibited a high level of professionalism, adaptability, and an ability to work effectively both independently and as a part of a team. We wish them continued success in all their future endeavors.



SBC 8, 2nd floor, Thejaswini Buiding , Technopark

RAJASEKHARAN A H
FOUNDER & CEO
SRAI SMART SOLUTIONS PVT LTD

30 June 2023
TSTINT005

CERTIFICATE

This is to certify that Mr. Clifford P Y (MLM22CSCE06), Mangalam College of Engineering , Ettumanoor has successfully completed internship program with Techgentsia Software Technologies Pvt. Ltd, Infopark Cherthala, from 02nd May 2023 to 30th June 2023. During this period, he had been a part of the software development team. He has successfully finished the assigned tasks. During the period he was very sincere to his work and was a good team player.

For Techgentsia Software Technologies (P) Ltd.



Sobin Thomas

Chief Operating Officer





CSEED

Centre for
Skill Enhancement &
Employability Development



An affiliate of National Council for Technology and Training -
An autonomous organization recognized by Govt of India - NCT

INT/23-24/055

18 June 2023

CERTIFICATE

This is to certify that the below mentioned student from **Computer Science Engineering** dept. of Mangalam College of Engineering has successfully completed the **Internship in Machine Learning** from 06/05/23 to 16/06/23 at Centre for Skill Enhancement & Employability Development. As per our measurement, performance of the candidate was excellent during the training period.

Name

SANITHA P S

Register Number

MLM22CSCE14



Athira Dev
18/6/23

ATHIRA DEV

MANAGER - CSEED

30 June 2023

TSTW1067

CERTIFICATE

This is to certify that Miss. Kavyamol James (MLM22CSCE08), Marigalam College of Engineering, Ettumanoor has successfully completed internship program with Techgentsia Software Technologies Pvt. Ltd, Infopark Cherthala, from 02nd May 2023 to 30th June 2023. During this period, she had been a part of the software development team. She has successfully finished the assigned tasks. During the period she was very sincere to her work and was a good team player.

For Techgentsia Software Technologies (P) Ltd.



Sobin Thomas

Chief Operating Officer



CERTIFICATE

This Certificate is Awarded to

Mr / Ms Keerthana Chandran

for successfully completing


JAVA EE Training with Spring Frame work

from IPSSR



Dr. Mendius Jacob

MD & CEO


ipsr solutions ltd
redefining excellence



CERTIFICATE

This is to certify that Mr. Bijoy C P (MLM22CSCE05), Mangalam College of Engineering , Ettumanoor has successfully completed internship program with Techgentsia Software Technologies Pvt. Ltd, Infopark Cherthala, from 02nd May 2023 to 30th June 2023. During this period, he had been a part of the software development team. He has successfully finished the assigned tasks. During the period he was very sincere to his work and was a good team player.

For Techgentsia Software Technologies (P) Ltd.



Sobin Thomas

Chief Operating Officer



30 June 2023
TSTINT006

CERTIFICATE

This is to certify that Miss. Arya Somaraj (MLM22CSCE04), Mangalam College of Engineering , Ettumanoor has successfully completed internship program with Techgentsia Software Technologies Pvt. Ltd, Infopark Cherthala, from 02nd May 2023 to 30th June 2023. During this period, she had been a part of the software development team. She has successfully finished the assigned tasks. During the period she was very sincere to her work and was a good team player.

For Techgentsia Software Technologies (P) Ltd.



Sobin Thomas

Chief Operating Officer





CSEED

Centre for
Skill Enhancement &
Employability Development



An affiliate of National Council for Technology and Training -
An autonomous organization recognized by Govt of India - NCT

INT/23-24/055

18 June 2023

CERTIFICATE

This is to certify that the below mentioned student from **Computer Science Engineering** dept. of **Mangalam College of Engineering** has successfully completed the **Internship in Machine Learning** from **06/05/23** to **16/06/23** at **Centre for Skill Enhancement & Employability Development**. As per our measurement, performance of the candidate was excellent during the training period.

Name

JEENA MARY KURIAN

Register Number

MLM22CSCE07



Athira Dev
18/6/23

ATHIRA DEV

MANAGER - CSEED



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

SANITHA SAJIKUMAR
for successfully completing the course

Cloud Computing

with a consolidated score of **60** %

Online Assignments	15.96/25	Proctored Exam	44.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2303

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL, Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL19CES27541650333

To validate, and check scores: <http://npel.ac.in/top>





30 June 2023
TSTINT008

CERTIFICATE

This is to certify that Miss. Reenu Joseph (MLM22CSCE11), Mangalam College of Engineering , Ettumanoor has successfully completed internship program with Techgentsia Software Technologies Pvt. Ltd, Infopark Cherthala, from 02nd May 2023 to 30th June 2023. During this period, she had been a part of the software development team. She has successfully finished the assigned tasks. During the period she was very sincere to her work and was a good team player.

For Techgentsia Software Technologies (P) Ltd.

A handwritten signature in black ink, appearing to read "Sobin Thomas".

Sobin Thomas

Chief Operating Officer

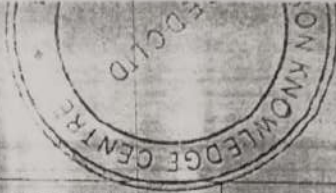
A handwritten signature in green ink, appearing to be a stylized signature.



CERTIFICATE

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

Name of the Student	Mr. BADUSHA FAIZAL
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P.O, 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/Roll No.	MLM23CS052
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	K1032121
Roll No./Register No.	K23421110927
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY



2/3/24

CERTIFICATE

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

Name of the Student	Ms. BEEMA FATHIMA
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS053
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032116
Roll No./Register No.	K2342110923
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY



Handwritten signature

CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Binil Biju

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Reverttech IT Solutions from

22/02/2024 to 28/02/2024

06 MARCH 2024

Date



[Handwritten signature]

MIDHUN M
Director, Reverttech IT
Solutions

[Handwritten signature]

Internship Certificate

This is to certify that D Salini has successfully completed a 5-day internship at Touchq Software Solutions Pvt Ltd . The internship took place from 18-2-2024 to 22-2-2024, during which she demonstrated exceptional commitment, eagerness to learn, and a strong work ethic.

Internship Details:

Organization: Touchq Software Solutions Pvt Ltd

Intern's Name: D Salini

Internship Period: 18-2-2024 to 22-2-2024

This certificate is awarded as a testament to D Salini's dedication and valuable contribution during the internship.

Date of Issue: 23-2-2024

For TOUCHQ Software Solutions PvtLtd.

Authorized Signature

Managing Director

JOSHY JOSEPH

MANAGING DIRECTOR

TOUCHQ SOFTWARE SOLUTIONS PVT.LTD



Internship Certificate

This is to certify that Devapriya B has successfully completed a 5-day internship at Touchq Software Solutions Pvt Ltd . The internship took place from 18-2-2024 to 22-2-2024, during which she demonstrated exceptional commitment, eagerness to learn, and a strong work ethic.

Internship Details:

Organization: Touchq Software Solutions Pvt Ltd
Intern's Name: Devapriya B

Internship Period: 18-2-2024 to 22-2-2024

This certificate is awarded as a testament to Devapriya B's dedication and valuable contribution during the internship.

Date of Issue: 23-2-2024

For TOUCHQ Software Solutions Pvt.Ltd.
Authorized Signature
JOSH Y JOSEPH
Managing Director

MANAGING DIRECTOR
TOUCHQ SOFTWARE SOLUTIONS PVT LTD



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Dhanush B Nair

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Révertech IT Solutions from

22/02/2024 to 28/02/2024

06 MARCH 2024

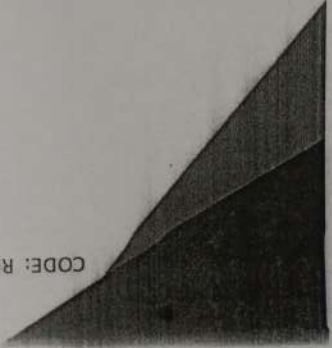
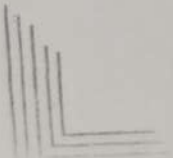
Date



MIDHUN M
Director, Révertech IT
Solutions

CODE: REVFLINT12

Réver Tech



CODE: REVFLINT10

Rêver Tech



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Fenil Aju

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Revertech IT Solutions from

22/02/2024 to 28/02/2024

06 MARCH 2024

Date

MIDHUN M
Director, Revertech IT
Solutions



Internship certificate

This is to certify that Aiswarya Madhu has successfully completed a 5-day internship at Touchq Software Solutions pvt ltd . The internship took place from 18-2-2024 to 22-2-2024, during which she demonstrated exceptional commitment, eagerness to learn, and a strong work ethic.

Internship Details:

Organization: Touchq Software Solutions Pvt Ltd

Intern's Name: Aiswarya Madhu

Internship Period: 18-2-2024 to 22-2-2024

This certificate is awarded as a testament to Aiswarya Madhu's dedication and valuable contribution during the internship.

Date of Issue: 23-2-2024

For TOUCHQ Software Solutions Pvt.Ltd

Authorized Signature

Managing Director

JOSHY JOSEPH

MANAGING DIRECTOR

TOUCHQ SOFTWARE SOLUTIONS PVT LTD



KSG/42/INTP/24-03/L4982

15.03.2024

CERTIFICATE

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

Name of the Student	Mr. AKASH ANIL
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration/Roll No.	MLM23CS019
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kattor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032208
Roll No./Register No.	K23421110903
Program Category	INTERNSHIP
Period & Duration of the Program	19.03.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence, Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI Types of AI
Status	COMPLETED SUCCESSFULLY

15.03.2024
KSG/42/INTP/24-03/L4982

CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Albert Saji

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Revertech IT Solutions from
22/02/2024 to 28/02/2024

06 MARCH 2024

Date

CODE: REVFLINT05

Rever Tech



MIDHUN M

Director, Revertech IT
Solutions



KSG/42/INTP/24-03/L980

15.03.2024

CERTIFICATE

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

Name of the Student	MS. ANAGHA K B
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P.O, Etumanoor, Kottayam, Kerala - 686631
Institution is Affiliated to	A J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Students Registration/Roll No.	MLM23CS033
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	K1032214
Roll No./Register No.	K2342110901
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence; Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI
Status	COMPLETED SUCCESSFULLY



CERTIFICATE

OF COMPLETION

THIS IS TO CERTIFY THAT

Anand MS

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Revertech IT Solutions from
22/02/2024 to 28/02/2024

06 MARCH 2024

Date



Director, Revertech IT Solutions

MIDHUN M

Midhun

CODE: REVFLINT19

Rêver Tech





CERTIFICATE OF COMPLETION THIS CERTIFICATE IS PROUDLY PRESENTED TO

ANGREA SEBASTIAN

From MANGALAM COLLEGE OF ENGINEERING, ETTUMANGOR, KOTTAYAM Reg: No MLM23CS036

for successfully completing the 5 days internship in Cyber security and Cyber forensic.

held from 17/02/2024 to 24/02/2024 by Nyste Venture Technologies Pvt Ltd Cochin



www.nysteventuretech.com



Managing Director

XSG/42/NTP/24-03/L4979

15.03.2024

CERTIFICATE

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

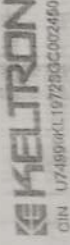
Name of the Student	Ms. ANGEL SUNNY
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkall P O, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration/Roll No.	MLM23C5038
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No	K1032215
Roll No./Register No	K2342110900
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence, Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI
Status	COMPLETED SUCCESSFULLY

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

ITBG - Knowledge Services Group

GSTIN: 22AARGK1318E-425

Phone: 0471-2724765 || Helpline No: +91 91806655415 || E-mail: itbg@keltron.org || Website Link: www.keltron.in



KSS/47/INTP/24-03/LS004

15.03.2024

CERTIFICATE

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

Name of the Student	Ms. ANJALY H KRISHNA
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MIM23CS039
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MIES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032106
Roll No./Register No.	K2342110925
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence, Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI
Status	COMPLETED SUCCESSFULLY

Sophia
Authorized Signatory
(Knowledge Services)



Regd. Office : Keltron House, Vellayambalam, P.O. Kalathur, Kottayam, Kerala State, India. Pin:695 033. Tel: 0471-4094444
Doc No: KSSU/07-23/015/2500
Visit us at www.keltron.org

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

ITBG - Knowledge Services Group

GSTIN: 32AAABCK1319E4Z5

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

KELTRON

CIN: U74999KL1972SGC002460

KSG/42/INTP/24-03/L5001

15.03.2024

CERTIFICATE

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

Name of the Student	Mr. ABHINAV KRISHNA S
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P.O, 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/Roll No.	MLM23CS003
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032107
Roll No./Register No.	K23421110922
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)

Regd. Office: Keltron House, Vellayambalam, Thiruvananthapuram, Kerala State, India, Pin 696 033, Tel: 0471-2724765
Doc. No: KSG/LH/07-230115(2500)

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

CERTIFICATE

OF COMPLETION

THIS IS TO CERTIFY THAT

Abhishek J

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Revertech IT Solutions from
22/02/2024 to 28/02/2024

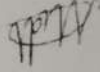
06 MARCH 2024



Date



MIDHUN M
Director, Revertech IT
Solutions

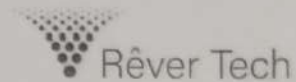


CODE: REVLINT06

Rever Tech



CODE: REVFLINT11



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Abhishek Nair

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Reverttech IT Solutions from

22/02/2024 to 28/02/2024

MIDHUN M

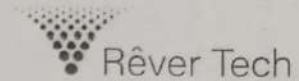
Director, Reverttech IT
Solutions



06 MARCH 2024

Date

CODE: REVFLINT08



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Adithyan M

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Reverttech IT Solutions from

22/02/2024 to 28/02/2024

A handwritten signature in black ink, appearing to read "Midhun M".

MIDHUN M
Director, Reverttech IT
Solutions



06 MARCH 2024

A handwritten signature in green ink, appearing to be a stylized name.

Date

KSG/42/INTP/24-03/L5008

15.03.2024

CERTIFICATE

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

Name of the Student	Mr. ADITHYAN R PILLAI
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No.	MLM23CS013
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032124
Roll No./Register No.	K23421110926
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Saritha
Authorized Signatory



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

KELTRON
CIN : U74999KL1975GCO02450

ITBG - Knowledge Services Group

GSTIN : 32AA8C01319E425

Phone: 0471-2724755 || Helpline No. +91 9186655445 || E-mail: itbg@keltron.org || Website Link: www.keltron.in

KSG/42/INTT/24-03/14983

15.03.2024

CERTIFICATE

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

Name of the Student	Mr. ADVAITH G
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, 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/Roll No	MLM23CS014
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	K1032210
Roll No./Register No.	K23421110904
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI Types of AI.
Status	COMPLETED SUCCESSFULLY

Authorized Signatory
(Knowledge Services)



Regd. No. 2023/04/01/Type - 02/Date: 15.03.2024

Regd. Office : Keltron House, Vailayambad, P.O. Puthupuram, Kerala State, India Pin:095 033, Tel: 0471-4094444
Doc. No: KSGCL/H07-23/019/25909

Visit Us On Our Website: <http://www.keltron.org>

KSG/42/INTP/24-03/L5007

15-03-2024

CERTIFICATE

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

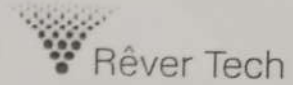
Name of the Student	Ms. AGNASS GEORGE
Name & Address of the College/Institution at which the Student is studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P.O, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech In Computer Science & Engineering
Student's Registration/Roll No.	MILW23CS016
Semester / Year of Study	2 nd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Kelttron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032105
Roll No./Register No.	K2342H110929
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Barita

Authorized Signatory
(Knowledge Services)



CODE: REVFLINT09



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Ahammed fawaz

Mangalam College Of Engineering, Ettumanoor

has completed 7 days internship on Flutter conducted by Reverttech IT Solutions from

22/02/2024 to 28/02/2024

MIDHUN M
Director, Reverttech IT
Solutions



06 MARCH 2024

Date

ACCELMOVE
DYNAMICS



Reg no:140300



CERTIFICATE OF INTERNSHIP

This certificate is presented to

Ebnu Hajeesh

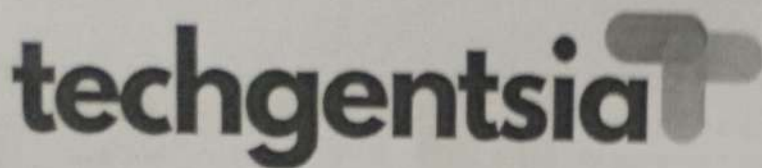
*student of Mangalam College of Engineering Ettumanoor was in our company as an intern from
24/01/24 to 28/01/24*

During their 5 days internship on Python with us, they actively contributed to various projects and initiatives. They exhibited a high level of professionalism, adaptability, and an ability to work effectively both independently and as a part of a team. We wish them continued success in all their future endeavors.



SBC 8, 2nd floor, Thejaswini Buiding , Technopark

RAJASEKHARAN A H
FOUNDER & CEO
SRAI SMART SOLUTIONS PVT LTD



30 June 2023
TSTINT005

CERTIFICATE

This is to certify that Mr. Clifford P Y (MLM22CSCE06), Mangalam College of Engineering , Ettumanoor has successfully completed internship program with Techgentsia Software Technologies Pvt. Ltd, Infopark Cherthala, from 02nd May 2023 to 30th June 2023. During this period, he had been a part of the software development team. He has successfully finished the assigned tasks. During the period he was very sincere to his work and was a good team player.

For Techgentsia Software Technologies (P) Ltd.

A handwritten signature in black ink, appearing to read "Sobin Thomas".

Sobin Thomas

Chief Operating Officer



A handwritten signature in green ink, consisting of a stylized, looped shape.



CSEED

Centre for
Skill Enhancement &
Employability Development



An affiliate of National Council for Technology and Training -
An autonomous organization recognized by Govt of India - NCT

INT/23-24/055

18 June 2023

CERTIFICATE

This is to certify that the below mentioned student from **Computer Science Engineering** dept. of Mangalam College of Engineering has successfully completed the **Internship in Machine Learning** from 06/05/23 to 16/06/23 at Centre for Skill Enhancement & Employability Development. As per our measurement, performance of the candidate was excellent during the training period.

Name

SANITHA P S

Register Number

MLM22CSCE14



Athira Dev
18/6/23

ATHIRA DEV

MANAGER - CSEED

30 June 2023

TSTW1067

CERTIFICATE

This is to certify that Miss. Kavyamol James (MLM22CSCE08), Marigalam College of Engineering, Ettumanoor has successfully completed internship program with Techgentsia Software Technologies Pvt. Ltd, Infopark Cherthala, from 02nd May 2023 to 30th June 2023. During this period, she had been a part of the software development team. She has successfully finished the assigned tasks. During the period she was very sincere to her work and was a good team player.

For Techgentsia Software Technologies (P) Ltd.



Sobin Thomas

Chief Operating Officer



CERTIFICATE

This Certificate is Awarded to

Mr / Ms Keerthana Chandran

for successfully completing


JAVA EE Training with Spring Frame work

from IPSSR



Dr. Mendius Jacob

M/D & CEO


ipsr solutions ltd
redefining excellence



CERTIFICATE

This is to certify that Mr. Bijoy C P (MLM22CSCE05), Mangalam College of Engineering , Ettumanoor has successfully completed internship program with Techgentsia Software Technologies Pvt. Ltd, Infopark Cherthala, from 02nd May 2023 to 30th June 2023. During this period, he had been a part of the software development team. He has successfully finished the assigned tasks. During the period he was very sincere to his work and was a good team player.

For Techgentsia Software Technologies (P) Ltd.



Sobin Thomas

Chief Operating Officer



30 June 2023
TSTINT006

CERTIFICATE

This is to certify that Miss. Arya Somaraj (MLM22CSCE04), Mangalam College of Engineering , Ettumanoor has successfully completed internship program with Techgentsia Software Technologies Pvt. Ltd, Infopark Cherthala, from 02nd May 2023 to 30th June 2023. During this period, she had been a part of the software development team. She has successfully finished the assigned tasks. During the period she was very sincere to her work and was a good team player.

For Techgentsia Software Technologies (P) Ltd.



Sobin Thomas

Chief Operating Officer





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Employability Development



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An autonomous organization recognized by Govt of India - NCT

INT/23-24/055

18 June 2023

CERTIFICATE

This is to certify that the below mentioned student from **Computer Science Engineering** dept. of **Mangalam College of Engineering** has successfully completed the **Internship in Machine Learning** from **06/05/23** to **16/06/23** at **Centre for Skill Enhancement & Employability Development**. As per our measurement, performance of the candidate was excellent during the training period.

Name

JEENA MARY KURIAN

Register Number

MLM22CSCE07



Athira Dev
18/6/23

ATHIRA DEV

MANAGER - CSEED



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

SANITHA SAJIKUMAR
for successfully completing the course

Cloud Computing

with a consolidated score of **60** %

Online Assignments	15.96/25	Proctored Exam	44.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2303

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL, Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL19CES27541650333

To validate, and check scores: <http://npel.ac.in/top>

SWAYAM



30 June 2023
TSTINT008

CERTIFICATE

This is to certify that Miss. Reenu Joseph (MLM22CSCE11), Mangalam College of Engineering , Ettumanoor has successfully completed internship program with Techgentsia Software Technologies Pvt. Ltd, Infopark Cherthala, from 02nd May 2023 to 30th June 2023. During this period, she had been a part of the software development team. She has successfully finished the assigned tasks. During the period she was very sincere to her work and was a good team player.

For Techgentsia Software Technologies (P) Ltd.

A handwritten signature in black ink, appearing to read "Sobin Thomas".

Sobin Thomas

Chief Operating Officer

A handwritten signature in green ink, appearing to be a stylized signature.





THE TRAVANCORE - COCHIN CHEMICALS LTD.

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P.B. NO. 4, UDYOGAMANDAL P.O., KOCHI - 683 501, KERALA.

CIN:U24299KL19515GC001237

*** Inspiring Growth ***



HR/PW/213/2024

16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Abhirami M A (Reg. No: MLM21CH001) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for her future.


Shibu S. Dev
Manager (HR)





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CIN:U24299KL1951SGC001237



*** Inspiring Growth ***

HR/PW/213/2024

16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Akash R (Reg. No: MLM21CH002) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for his future.

Shibu S. Dev
Manager (HR)





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HR/PW/213/2024

16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Amal Krishnan S (Reg. No: MLM21CH003) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for his future.

Shibu S. Dev
Manager (HR)





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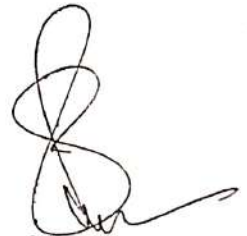
16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Anjaly S (Reg. No: MLM21CH005) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for her future.




Shibu S. Dev
Manager (HR)



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16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Anusree C (Reg. No: MLM21CH006) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for her future.



Shibti S. Dev
Manager (HR)



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16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Diya Shibu (Reg. No: MLM21CH010) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for her future.



Shibu S. Dev
Manager (HR)



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16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Pranav S (Reg. No: MLM21CH022) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for his future.




Shibu S. Dev
Manager (HR)



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16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Sandra Chandrabose (Reg. No: MLM21CH024) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for her future.




Shibu S. Dev
Manager (HR)



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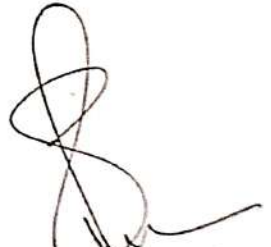
16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Sreejith V (Reg. No: MLM21CH027) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for his future.




Shibu S. Dev
Manager (HR)



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CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Anu Varghese (Reg. No: LMLM21CH028) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for her future.




Shibu S. Dev
Manager (HR)



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16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Arya Sasi (Reg. No: LMLM21CH029) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for her future.




Shibu S. Dev
Manager (HR)



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16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Dakshin Nath K (Reg. No: LMLM21CH031) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for his future.



Shibu S. Dev
Manager (HR)



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16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Musthafa Sainudeen (Reg. No: LMLM21CH032) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for his future.




Shibu S. Dev
Manager (HR)



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CIN:U24299KL19515GC001237



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HR/PW/213/2024

16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Rohith Rajeev (Reg. No: LMLM21CH033) a student of B:Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for his future.




Shibu S. Dev
Manager (HR)



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HR/PW/213/2024

16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Shahin Kabeer (Reg. No: LMLM21CH034) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for his future.




Shibu S. Dev
Manager (HR)



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HR/PW/213/2024

16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Hanna Mariyam Philip (Reg. No: MLM21CH012) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for her future.




Shibu S. Dev
Manager (HR)



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HR/PW/213/2024

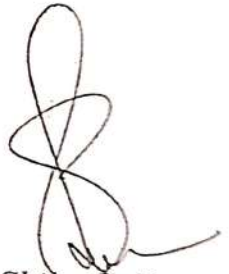
16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Haritha Haridas (Reg. No: MLM21CH014) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for her future.




Shibu S. Dev
Manager (HR)



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HR/PW/213/2024

16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Joshua Jose (Reg. No: MLM21CH015) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for his future.

Shibu S. Dev
Manager (HR)





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CIN:U24299KL1951SGC001237



HR/PW/213/2024

16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Krishnendu T.T (Reg. No: MLM21CH016) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for her future.



Shibin S. Dev
Manager (HR)



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CIN:U24299KL1951SGC001237



*** Aspiring Growth ***

HR/PW/213/2024

16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Mohammed Bilal R (Reg. No: MLM21CH018) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for his future.

Shibu S. Dev
Manager (HR)





*** Inspiring Growth ***

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CIN:U24299KL1951SGC001237



HR/PW/213/2024

16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Neil T P (Reg. No: MLM21CH020) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for his future.




Shibu S. Dev
Manager (HR)



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CIN:U24299KL1951SGC001237



*** Inspiring Growth ***

HR/PW/213/2024

16.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Poornasree TU (Reg. No: MLM21CH021) a student of B.Tech in Chemical Engineering from the Department of Chemical Engineering, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 10.07.2024 to 15.07.2024.

We wish all the best for her future.

Shibu S. Dev
Manager (HR)



CERTIFICATE

OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

SANUSHA UMESH

FROM

MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR

IN RECOGNITION OF HIS/HER PARTICIPATION IN 7 DAYS INTERNSHIP PROGRAM ON WATER MANAGEMENT, WASTE WATER TREATMENT AND QUALITY ASSURANCE CONDUCTED BY GENZEE TECHNOLOGIES LLP FROM 27-06-2024 TO 03-07-2024.

DATE : 08-07-2024



AMAR MOHAMMED
DIRECTOR
GENZEE TECHNOLOGIES LLP
MUVATTUPUZHA - 686661

CERTIFICATE

OF INTERNSHIP

THIS CERTIFICATE IS PROUDLY PRESENTED TO

ANEENA KRISHNA E A

FROM

MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR

IN RECOGNITION OF HIS/HER PARTICIPATION IN 7 DAYS INTERNSHIP
PROGRAM ON WATER MANAGEMENT, WASTE WATER TREATMENT AND
QUALITY ASSURANCE CONDUCTED BY GENZEE TECHNOLOGIES LLP
FROM 27-06-2024 TO 03-07-2024.

DATE : 08-07-2024



AMAR MOHAMMED
DIRECTOR
GENZEE TECHNOLOGIES LLP
MUVATTUPUZHA - 686661



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र
MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196406

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Adithya Anup

D/o Mr. Anup Kumar

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



DATE : May 29, 2024
PLACE : AGRA

(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

No. PPDC/Trg./OSP/2024-25/5049



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

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Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196407

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Arya S Pillai

D/o Mr. Sadasivan Pillai T

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



Sr
(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5050



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196409

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Devika Dileep

D/o Mr. Dileep Kumar PG

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5052



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

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Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196410

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Krishnaja Sabu

D/o Mr. Sabu KC

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5053



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196411

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Neha Siva

D/o Mr. B Sivaprasad

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5054



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र
MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196412

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Devakrishnan P H

S/o Mr. Harikumar P S

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024

PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5055



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र
MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था
Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)
Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196413

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Adithya Surendran

D/o Mr. Surendran M P

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5056



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196414

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Jasmin Anna John

D/o Mr. John K Thomas

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5057



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

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Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196415

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Keerthana Suresh

D/o Mr. P T Suresh

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5058



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र
MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196416

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Bigil Paul Basil

S/o Mr. Basil Paul

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5059



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196417

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Nirmal Krishna G

S/o Mr. Gokulan K R

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5060



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

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Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196418

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Nikhil Krishna G

S/o Mr. Gokulan K R

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024

PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5061



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र
MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196419

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Praveen V Nair

S/o Mr. Pradeepkumar V

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024

PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5062



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196420

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Parvathy Adivakkal Kiran

D/o Mr. Kiran Chandran

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024

PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5063



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

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Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196421

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Siddarth S Parthan

S/o Mr. Parthan P

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5064



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

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Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196422

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Sravan K S

S/o Mr. Sajimon KR

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5065



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र
MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)
सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises
भारत सरकार की संस्था
Government of India Society
फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)
Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196423

प्रमाण-पत्र
Certificate

This is to certify that

Mr. Emil Paul Shaji

S/o Mr. Shaji John Pylo

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5066



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196424

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Treesa Biju

D/o Mr. Bijumon Antony

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5067



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196425

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Ann Merin Mathew

D/o Mr. Mathew M Ninan

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5068



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196426

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Adithya S Nadh

S/o Mr. Satheesh Babu

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5069



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196427

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Vaishnavi Sanjeev

D/o Mr. Sanjeev Kumar

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5070



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196428

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Krishnaprasad S

S/o Mr. Prasad MK

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5071



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 196429

प्रमाण-पत्र

Certificate

This is to certify that

Ms. Neha Maria Shaji

D/o Mr. Shaji Mathew

has successfully completed the training

on

COMPUTER HARDWARE & NETWORKING

from 30.10.2023 to 07.04.2024 (96 hrs.)

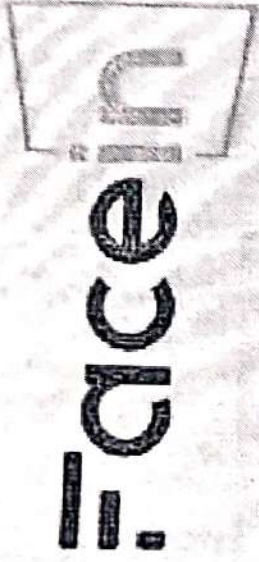
at MSME-TDC, EC-Ettumanoor (Kerala)



(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 29, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/5072



CERTIFICATE OF INTERNSHIP

This is to certify that ADITHYA ANOOP has

successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering, Ettumanoor.

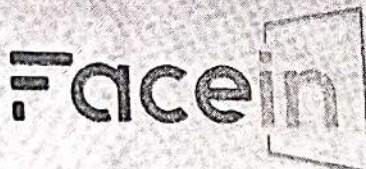


A handwritten signature in black ink, appearing to be "A. Anoop".

A handwritten signature in black ink, appearing to be "A. Anoop".

AUTHORISED SIGNATORY

[Handwritten mark]



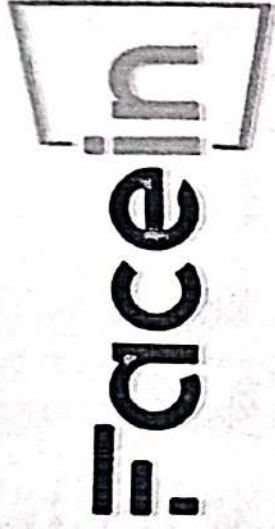
CERTIFICATE OF INTERNSHIP

This is to certify that AJMAL AL AMEED has successfully completed 5 days of Internship Program on **Artificial Intelligence and Internet of Things** from 05.02.2024 to 09.02.2024 conducted by Faccin Technologies Pvt Ltd at Mangalam College of Engineering , Ettumanoor.



[Handwritten signature]

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that AJMAL T MOHAMMED has successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering , Ettumanoor.



A handwritten signature in black ink, appearing to be "Ajmal T. Mohammed".

A handwritten signature in black ink, appearing to be "Ajmal T. Mohammed".

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

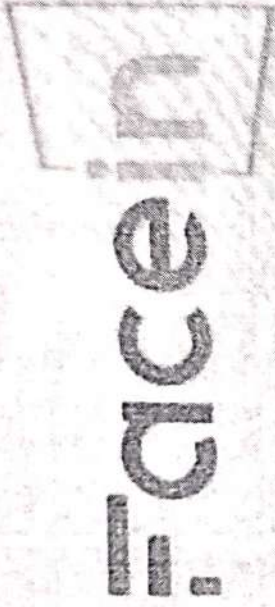
This is to certify that AKAMSHA ANILKUMAR has successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering , Ettumanoor.



A handwritten signature in blue ink, appearing to be "A. Anilkumar".

A handwritten signature in black ink, appearing to be "A. Anilkumar".

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

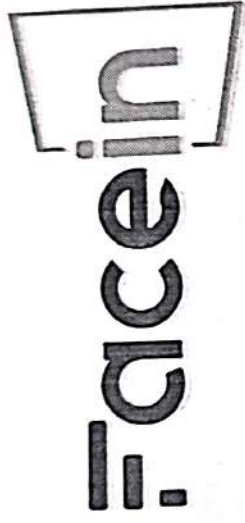
AKASH JOSEPH A _____ has

This is to certify that _____
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering , Ettumanoor.

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

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

AUTHORISED SIGNATORY



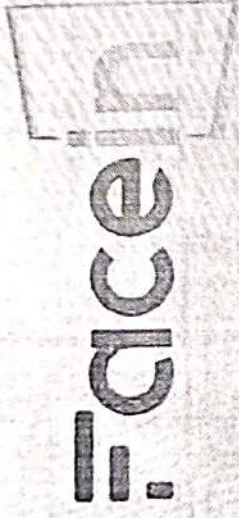
CERTIFICATE OF INTERNSHIP

This is to certify that AKSHAYKRISHNA B has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering , Ettumanoor.




Handwritten signature in blue ink.

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

ALPHY BABY _____ has

This is to certify that _____
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering , Ettumanoor.



A handwritten signature in black ink.

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that AMAN ABDUL KHADER has successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering, Ettumanoor.



AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that ANJANA G NAIR has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering , Ettumanoor.



A handwritten signature in green ink, appearing to be "A. G. Nair".

A handwritten signature in black ink, appearing to be "Anjana G. Nair".

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that ANSA THERESE has successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering, Ettumanoor.



A handwritten signature in black ink, appearing to be "Ansa Therese".

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that ARDRA NAIR A has

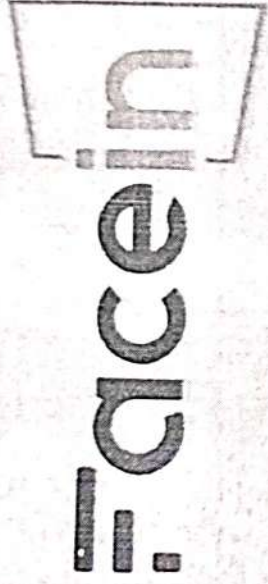
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering, Ettumanoor.



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

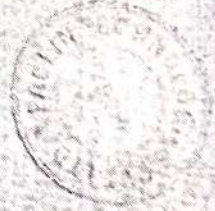
A handwritten signature in black ink, appearing to be "A. J. S.", written over a horizontal line.

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that ARTUN P MANOJ has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering , Ettumanoor.



AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that ARJUN S has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering , Ettumanoor.



A handwritten signature in blue ink, appearing to be "ARJUN S".

A handwritten signature in black ink, appearing to be "ARJUN S".

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that ARJUN VIJAYAKUMAR has successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering , Ettumanoor.



A handwritten signature in black ink, appearing to be "Arjun Vijayakumar".

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that ARYA S PILLAI has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering , Ettumanoor.



AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that ASWIN S has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering, Ettumanoor.



A handwritten signature in blue ink, appearing to be "ASWIN S".

A handwritten signature in black ink, appearing to be "ASWIN S".

AUTHORISED SIGNATORY




CERTIFICATE OF INTERNSHIP

This is to certify that AVINASH UNNI has successfully completed 5 days of Internship Program on **Artificial Intelligence and Internet of Things** from 05.02.2024 to 09.02.2024 conducted by **Facein Technologies Pvt Ltd** at **Mangalam College of Engineering , Ettumanoor.**



A handwritten signature in green ink, appearing to be "Avinash Unni".


AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

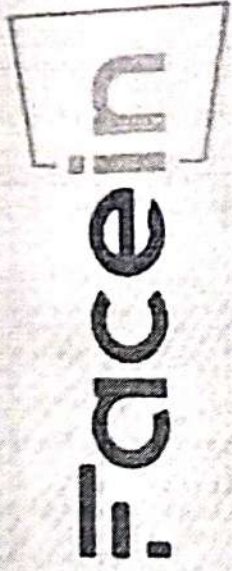
This is to certify that BINIL SUNNY IC has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering, Ettumanoor.



A handwritten signature in blue ink, appearing to be "Binil Sunny IC".

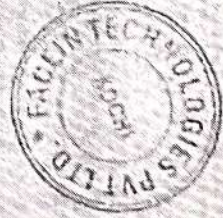
A handwritten signature in black ink, appearing to be "Binil Sunny IC".

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that DEEPAK S has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering, Ettumanoor.



A handwritten signature in black ink, appearing to be "Deepak S".

A handwritten signature in black ink, appearing to be "Deepak S".

AUTHORISED SIGNATORY

Facein



CERTIFICATE OF INTERNSHIP

This is to certify that DEVINANDANA has successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering , Ettumanoor.



AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

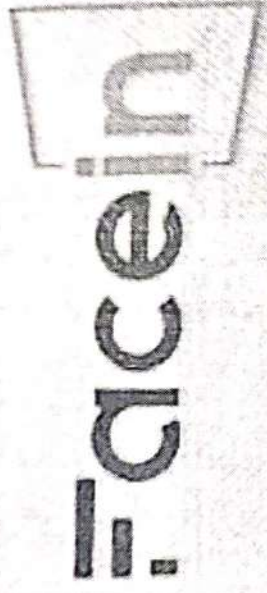
This is to certify that DEVI S KUMAR has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering , Ettimadai.



A handwritten signature in blue ink, appearing to be "Devi S Kumar".

A handwritten signature in black ink, appearing to be "Devi S Kumar".

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that ELVIN JOSE has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering, Ettumanoor.



AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that ESWAR ARAVIND has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering, Ettumanoor.



A green ink signature, appearing to be "Rajesh".

A black ink signature, appearing to be "Rajesh".

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that JINSON P JOSE has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering , Ettumanoor.



AUTHORISED SIGNATORY



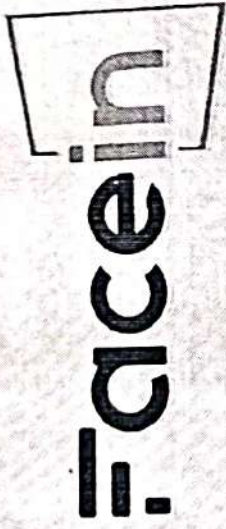
CERTIFICATE OF INTERNSHIP

This is to certify that JIVON BABU has successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering , Ettumanoor.



A handwritten signature in green ink.

A handwritten signature in black ink.
AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that JOSHUA K JOSEPH has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering , Ettumanoor.



A handwritten signature in black ink, appearing to be "J. K. Joseph".

AUTHORISED SIGNATORY



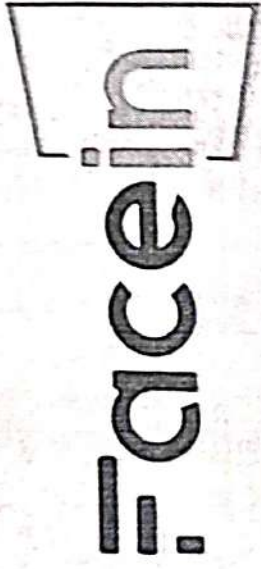
CERTIFICATE OF INTERNSHIP

KRIPA SANTHOSH _____ has

This is to certify that _____
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering, Ettumanoor.



AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

KRISHNAND KP _____ has

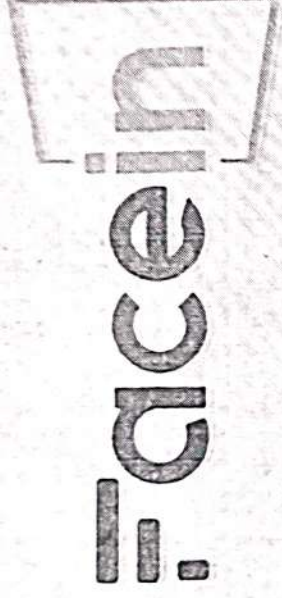
This is to certify that _____
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering, Ettumanoor.



A handwritten signature in blue ink, appearing to be "K. P. Krishnand".

A handwritten signature in black ink, appearing to be "K. P. Krishnand".

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

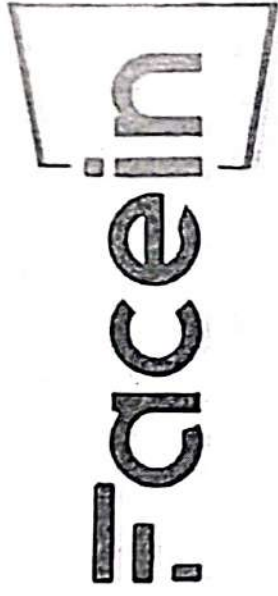
This is to certify that MEENAKSHI MOHAN has successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering , Ettumanoor.



A handwritten signature in blue ink, appearing to be "Meenakshi Mohan".

A handwritten signature in black ink, appearing to be "Meenakshi Mohan".

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

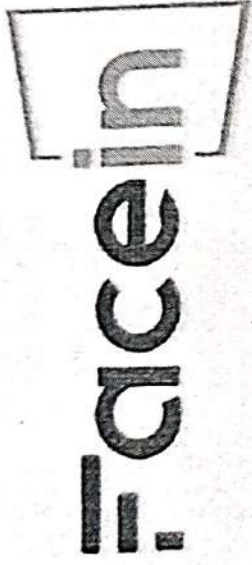
This is to certify that MERIN DOMINIC has successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering, Ettumanoor.



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

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

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that NADHANA SUJESH has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering, Ettumanoor.



A handwritten signature in blue ink, appearing to be "N. Sujesh".

A handwritten signature in black ink, appearing to be "N. Sujesh".

AUTHORISED SIGNATORY

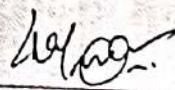


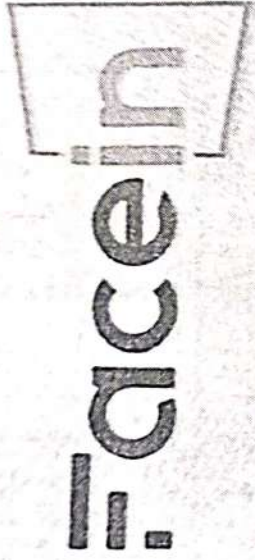
CERTIFICATE OF INTERNSHIP

This is to certify that SANUJA SANOSH has successfully completed 5 days of Internship Program on **Artificial Intelligence and Internet of Things** from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering , Ettumanoor.



A handwritten signature in green ink.


AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that SUMAYIAMOL ES has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering , Ettumanoor.



A handwritten signature in blue ink, appearing to be "S. Sumayiamol".

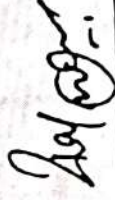
A handwritten signature in black ink, appearing to be "S. Sumayiamol".

AUTHORISED SIGNATORY

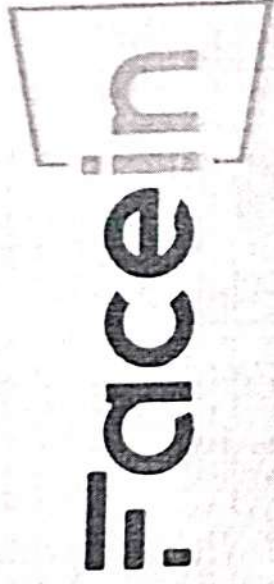


CERTIFICATE OF INTERNSHIP

This is to certify that SWATHYMOL T MANOJ has successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering, Ettumanoor.



AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that VISHNU MS has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Faccin Technologies Pvt Ltd at Mangalam
College of Engineering , Ettumanoor.



A handwritten signature in blue ink, appearing to be "V. Srinivasan".

A handwritten signature in black ink, appearing to be "V. Srinivasan".

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that VIVEK S has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering , Ettumanoor.



AUTHORISED SIGNATORY



CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS PROUDELY PRESENTED TO

APARNA KARUNAN

MANGALAM COLLEGE OF ENGINEERING Reg No MLM22EC 620
for successfully completing the 5 days internship in ROBOTICS

held from 29/06/2024 to 03/07/2024 by Nyeste Venture Technologies Pvt Ltd Cochin







CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS PROUDELY PRESENTED TO

APARNA KARUNAN

MANGALAM COLLEGE OF ENGINEERING Reg No MLM22EC020

Cyber Security

for successfully completing the 5 days internship in.....

held from 24/06/2024 to 28/06/2024

.....by Nyeste Venture Technologies Pvt Ltd Cochin



Handwritten signature

Facein

CERTIFICATE OF INTERNSHIP

This is to certify that ANN LIYA MARIYA has successfully completed 5 days of Internship Program on **Artificial Intelligence and Internet of Things** from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering , Ettumanoor.



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

AUTHORISED SIGNATORY

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

Facein

CERTIFICATE OF INTERNSHIP

This is to certify that ANRITHA T has
successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of
Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam
College of Engineering , Ettumanoor.




AUTHORISED SIGNATORY

Facein

CERTIFICATE OF INTERNSHIP

This is to certify that ANNAMOL TJ has successfully completed 5 days of Internship Program on Artificial Intelligence and Internet of Things from 05.02.2024 to 09.02.2024 conducted by Facein Technologies Pvt Ltd at Mangalam College of Engineering , Ettumanoor.



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

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

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that ABHIJITH B PILLAI has successfully completed 5 days of Internship Program on **Artificial Intelligence and Internet of Things** from 05.02.2024 to 09.02.2024 conducted by **Facein Technologies Pvt Ltd** at **Mangalam College of Engineering , Ettumanoor.**



A green handwritten signature or mark, possibly initials, located below the stamp.

A black handwritten signature, likely of an authorized signatory, located above the signature line.

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that KRISHNADEV G has successfully completed 5 days of Internship Program on **Artificial Intelligence and Internet of Things** from 05.02.2024 to 09.02.2024 conducted by **Facein Technologies Pvt Ltd** at **Mangalam College of Engineering , Ettumanoor.**



A handwritten signature in green ink.

A handwritten signature in black ink.

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that SACHU SHIBY has successfully completed 5 days of Internship Program on **Artificial Intelligence and Internet of Things** from 05.02.2024 to 09.02.2024 conducted by **Facein Technologies Pvt Ltd** at **Mangalam College of Engineering , Ettumanoor.**



A handwritten signature in green ink, appearing to be "Sachu Shiby".

A handwritten signature in black ink, appearing to be "Sachu Shiby".

AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that SOORAJ SURESH has successfully completed 5 days of Internship Program on **Artificial Intelligence and Internet of Things** from 05.02.2024 to 09.02.2024 conducted by **Facein Technologies Pvt Ltd** at **Mangalam College of Engineering , Ettumanoor.**



A green handwritten signature, possibly reading "SOORAJ SURESH", written over a horizontal line.

A black handwritten signature, possibly reading "SOORAJ SURESH", written over a horizontal line.

AUTHORISED SIGNATORY

KSG/60/INTP/24-07/L1174/C021

25.07.2024

CERTIFICATE

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

Name of the Student	Mr. ABHINAND S MOHAN
Name & Address of the College/Institution at which the Student is Studying	Mangalam college of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal(P.O), Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	APJ Abdul Kalam Technological University(KTU), Kerala
Branch/Discipline of Study	B Tech in Electrical and Electronics Engineering
Student's Registration No.	MLM23EE001
Semester/Year of Study	3 rd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre(60), Pulickakandathil Buildings, P.P.Road, Pala, Kerala- 686575
Online Portal Registration No.	KI057868
Roll No./Register No.	K2460110008
Program Category	INTERNSHIP
Period & Duration of the Program	10.07.2024 to 16.07.2024 (1 Week)
Area of Exposure	Python programming introduction, control statements, Functions, Modules, Database Connectivity, My SQL, GUI
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)





TECHMAGHI

04-06-2021
Warranty: 1489



This is to certify that **Abhinav P B** completed a 15-day additional internship as part of the Electric Vehicle Foundation Course offered by Reynolds & Reynolds, a 500+ accredited institution, through Technmaghi and gained knowledge and experience in areas like basic electrical theories, AC & DC Advance circuits, Control Systems, and Electric vehicle Fundamentals.

Also participated in the onsite training at Reynolds Chennai, which included EMS Calibration for Electric Vehicle, Battery Pack Building Exercise, Battery Characterization, Motor Characterization, BMS and Protection Circuit demonstration, and EV demisting.

Deepan Rajan
Founder & CEO
Technmaghi



Recognized by

Technmaghi



9931 238 875

support@technmaghi.com
www.technmaghi.com

Karaka Startup Mission, Integrated
Startup Complex, Karbi

Pepper Lane, Temple, Porvur,
Tamil Nadu, Karaka 500677





RC INFOTECH

TORC INFOTECH PRIVATE LIMITED

TORC INFOTECH
OLD ROAD, KALAMASSERY
KOCHI, KERALA

SL NO: TORCEV207

TO WHOMSOEVER IT MAY CONCERN

This is to certify that ABIN MATHEW, a student of MANGALAM COLLEGE OF ENGINEERING has completed 15 days of Internship training in ELECTRIC AND HYBRID VEHICLES with INDUSTRIAL 4.0 from Dec 29 2021-22 at TORC INFOTECH PVT LTD, Kochi. During this internship period, we found him a sincere, honest, hardworking, and dedicated student with a professional attitude. He is proactive and is constantly looking to improve his skill set. We also observed that he is skilled at his job.

We wish him every success in all future endeavours.

ABHI KRISHNA H
CEO



SEAL

This is to certify that **Anjana Santhosh** completed a 15-day additional internship as part of the Electric Vehicle Foundation Course offered by ReynLab, a STEM accredited Institute, through Techmaghi and gained knowledge and experience in areas like basic electrical theories, ICs & Advance circuits, Control Systems, and Electric Vehicle Fundamentals.

Also participated in the onsite training at Reynlab, Chennai, which included EMS Calibration for Electric Vehicle, Battery Pack Building Exercise, Battery Characterisation, Motor Characterisation, BMS and Protection Circuit demonstration, and EV dismantling.



Deepak Rajan
Founder & CEO
Techmaghi



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www.techmaghi.com

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Aysina Road, Vyttila, Kochi



28-07-2023
TM22EVL10443

This is to certify that Sebastian chacko.....completed a 15-day additional internship as part of the Electric Vehicle Foundation Course offered by ReynLab, a STEM accredited institute, through Techmaghi and gained knowledge and experience in areas like basic electrical theories, ICs & Advance circuits, Control Systems, and Electric Vehicle Fundamentals.

Also participated in the onsite training at Reynlab, Chennai, which included EMS Calibration for Electric Vehicle, Battery Pack Building Exercise, Battery Characterisation, Motor Characterisation, BMS and Protection Circuit demonstration, and EV dismantling.

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Internship Certificate

This certificate awarded to

Qyuan M J

From Qnayds LLP

In recognition of his/her efforts and achievements in completing the one week **internship** program in

BIM Using Revit ——— Conducted from 12th July - 17th July, 2024

17th July, 2024

Signed date



Sawad K T
Director



Rishan N K
Director



अखिल भारतीय तकनीकी शिक्षा परिषद
All India Council for Technical Education

www.qnayds.in

CERTIFICATE

This is to certify that

LINTO MATHEW P JOHN

MANCALAM COLLEGE OF ENGINEERING

has successfully completed a 3-day internship in the field of Embedded Microcontroller Technology from 27th February 2024 to 01st March 2024. During this period he got exposed to hands-on practical experience in Microcontroller, Python and assembly programming in embedded systems.

Signature



Signature

Head of Department
Department of
Electronics and
Communication Engineering

CERTIFICATE

This is to certify that

LINTO MATHEW P JOHN

of

MANGALAM COLLEGE OF ENGINEERING

has successfully completed a 1 day internship in the field of **Artificial Intelligence** from 17th February 2024 to 17th February 2024. During this period, he got exposed to industry relevant software like Python, Tensor and actively participated in tasks as assigned.

17-02-2024
Date



[Signature]
Deepak Rajan
Course Lead
TechMag

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[Handwritten signature]

CERTIFICATE

This is to certify that

ARATHI SIBI

of

MANGALAM COLLEGE OF ENGINEERING

has successfully completed a 7 day internship in the field of Robotics Under Artificial Intelligence from 15th February 2024 to 22nd February 2024. During this period she got exposed to industry software like Python, Pycharm and actively participated in hands on activities.

15-02-2024

TM



TM

TechMachinery
Mangalam College of Engineering



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0341055



CERTIFICATE

This is to certify that

ARATHI SIBI

of

MANGALAM COLLEGE OF ENGINEERING

has successfully completed a 5 day internship in the field of Robotics With Artificial Intelligence from 18th February 2024 to 22nd February 2024. During this period she got exposed to industry relevant softwares like Pycharm, Python and actively participated in hands-on exercises.

28-02-2024

Date



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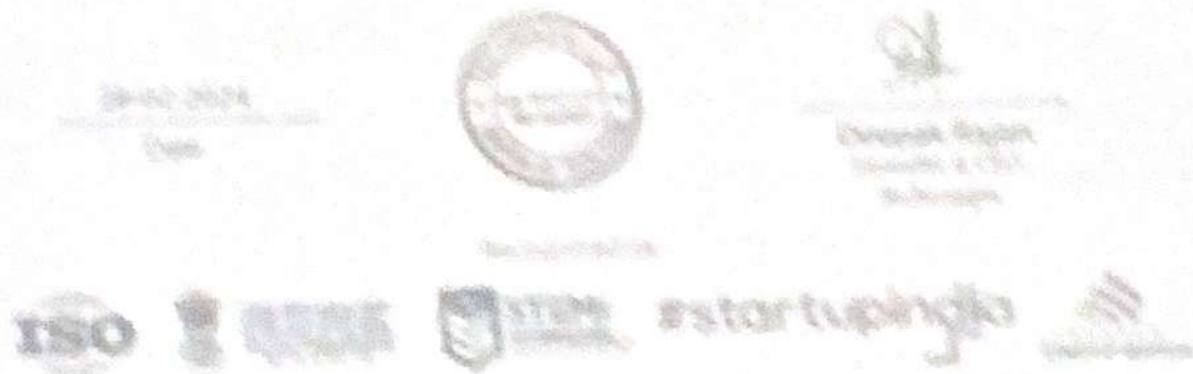
CERTIFICATE

This is to certify that

ARATHI SIBI

MANGALAM COLLEGE OF ENGINEERING

has successfully completed a 1 day workshop in the field of **Business Process Excellence Management** from 12th February 2024 to 13th February 2024. During this period she got exposed to various business processes like **Product, System and service management in health-care industry**.



CERTIFICATE

This is to certify that

ARATHI SIBI

of

MANGALAM COLLEGE OF ENGINEERING

has successfully completed a 5 day internship in the field of Robotics With Artificial Intelligence from 18th February 2024 to 22nd February 2024. During this period she got exposed to industry relevant softwares like Pycharm, Python and actively participated in hands-on exercises.

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CERTIFICATE

This is to certify that

ABIN MATHEW

of

MANGALAM COLLEGE OF ENGINEERING

has successfully completed a 5 day internship in the field of **Robotics With Artificial Intelligence** from 18th February 2024 to 22nd February 2024. During this period he got exposed to industry relevant softwares like Pycharm, Python and actively participated in hands-on exercises.

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JUBY JOSEPH

of

MANGALAM COLLEGE OF ENGINEERING

has successfully completed a 5 day internship in the field of Robotics With Artificial Intelligence from 18th February 2024 to 22nd February 2024. During this period he got exposed to industry relevant softwares like Pycharm, Python and actively participated in hands-on exercises.

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This is to certify that

MANAF NIZAR

of

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has successfully completed a 5 day internship in the field of Robotics With Artificial Intelligence from 18th February 2024 to 22nd February 2024. During this period he got exposed to industry relevant softwares like Pycharm, Python and actively participated in hands-on exercises.

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MIDHUN S BABU

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MANGALAM COLLEGE OF ENGINEERING

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28-02-2024

Date



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ROB241053



CERTIFICATE

This is to certify that

VISHNU A S

of

MANGALAM COLLEGE OF ENGINEERING

has successfully completed a 5 day internship in the field of **Robotics With Artificial Intelligence** from 18th February 2024 to 22nd February 2024. During this period he got exposed to industry relevant softwares like Pycharm, Python and actively participated in hands-on exercises.

28-02-2024

Date



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Pin 686011 Ph 9446073639
Reg. Office
Muthuvila Kuttanakkal P.O
Kottayam Pin 686017
Ph 9446123636

Date 16.08.2024

Internship Completion Certificate

This is to certify that Ms. Aparna Pradeep [MLM23EPP05], a second-year M. Tech student of Power Electronics and Power Systems (PEPS) at Mangalam College of Engineering, Ettumanoor has successfully completed an eight-week internship at Sustenergy Foundation, Kottayam office from 05-06-2024 to 31.07.2024.

For Sustenergy Foundation,

Smitha Jayakumar
Head - Finance & Administration

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277 - N Pattommalloor Anjan
Chalakkal, Kottayam, Kerala
Pin 686024 (0484) 230300
Reg. Office
Mangalam Kottayam P.O.
Kottayam Pin 686017
Pin 686017 (Kerala)

Date 16.08.2024

Internship Completion Certificate

This is to certify that Ms. Anjali S. Kumar [MLM23EEPP04], a second-year M. Tech student of Power Electronics and Power Systems (PEPS) at Mangalam College of Engineering, Ettumanoor has successfully completed an eight-week internship at Sustenergy Foundation, Kottayam office from 05-06-2024 to 31.07.2024.

For Sustenergy Foundation,

Smitha Jayakumar
Head - Finance & Administration

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207 - N Pattayapattanam Road
Chalappuram Kottayam 686001 Kerala
Pin-686001 Ph-9448211835
Reg. 1/55/x
Mangalam Engineering PO
Kottayam Pin-686001
Ph-0481 271835

Date 16.08.2024

Internship Completion Certificate

This is to certify that Ms. Nivya P S [MLM23EPP09], a second-year M. Tech student of Power Electronics and Power Systems (PEPS) at Mangalam College of Engineering, Ettumanoor has successfully completed an eight-week internship at Sustenergy Foundation, Kottayam office from 05-06-2024 to 31.07.2024.

For Sustenergy Foundation,

Smitha Jayakumar
Head - Finance & Administration



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Chakkam, Kottayam -01, Kerala
Pin 686001 Ph 9446673635
Res. Office
Muthuvale Kuttanoor P.O.
Kottayam Pin 686017
Ph 0481 2385048

Date 16.08.2024

Internship Completion Certificate

This is to certify that Mr. Manu M Venu[MLM23EPP07], a second-year M. Tech student of Power Electronics and Power Systems (PEPS) at Mangalam College of Engineering, Ettumanoor has successfully completed an eight-week internship at Sustenergy Foundation, Kottayam office from 05-06-2024 to 31.07.2024.

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Head - Finance & Administration



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Pin 686001 Ph 0470073630
Reg. Office
Mathuvata, Kuttanayakan P.O
Kottayam, Pin 686017
Ph 0471 2329636

Date 16.08.2024

Internship Completion Certificate

This is to certify that Mr. Manu M Venu[MLM23EEPP07], a second-year M. Tech student of Power Electronics and Power Systems (PEPS) at Mangalam College of Engineering, Ettumanoor has successfully completed an eight-week internship at Sustenergy Foundation, Kottayam office from 05-06-2024 to 31.07.2024.

For Sustenergy Foundation,

Smitha Jayakumar
Head - Finance & Administration



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277 - N T Jithanarasimhan Arcade
Chalakkutti Kottayam - 61 Kottayam
Pin 686001 Ph 9446973536
Reg. Office
Muthuvada Kottayam PO
Kottayam Pin 686017
Ph 9447239028

Date 16.08.2024

Internship Completion Certificate

This is to certify that Ms. Sangeetha T.S [MLM23EPP10], a second-year M. Tech student of Power Electronics and Power Systems (PEPS) at Mangalam College of Engineering, Ettumanoor has successfully completed an eight-week internship at Sustenergy Foundation, Kottayam office from 05-06-2024 to 31.07.2024.

For Sustenergy Foundation,

Smitha Jayakumar
Head – Finance & Administration



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P.O. Kottayam, Kerala 686 001
Reg. Office
Mangalam College of Engineering
Kottayam, Kerala 686 001
Ph: 94471 33000

Date 16.08.2024

Internship Completion Certificate

This is to certify that Mr. Nivedh Johnson [MLM23EEPP08], a second-year M. Tech student of Power Electronics and Power Systems (PEPS) at Mangalam College of Engineering, Ettumanoor has successfully completed an eight-week internship at Sustenergy Foundation, Kottayam office from 05-06-2024 to 31.07.2024.

For Sustenergy Foundation,

Smitha Jayakumar
Head – Finance & Administration



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Kerala State Electronics Development Corporation Ltd
A Government of Kerala Undertaking



ITBG - Knowledge Services Group

3879, MADRAS STREET,

Phone: 0471-247025 & Helpline No: 191 910065545 & E-mail: itbg@keltron.org & Website: www.keltron.org

KSG/60/NTP/24-07/L1174/0001

21.07.2024

CERTIFICATE

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

Name of the Student	Mr. ABHINAND S MOHAN
Name & Address of the College/Institution at which the Student is Studying	Mangalam college of Engineering, Mangalam Campus, Mangalam Hills, Vettimukal P.O, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	APJ Abdul Kalam Technological University(KTUN) Kerala
Branch/Discipline of Study	B Tech in Electrical and Electronics Engineering
Student's Registration No.	MLM23EE001
Semester/Year of Study	3 rd Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre(60), Pulickakandathil Buildings, P.P.Road, Pala, Kerala- 686575
Online Portal Registration No.	K1057868
Roll No./Register No.	K2460110006
Program Category	INTERNSHIP
Period & Duration of the Program	10.07.2024 to 16.07.2024 (1 Week)
Area of Exposure	Python programming introduction, control statements, Functions, Modules, Database Connectivity, My SQL, GUI
Status	COMPLETED SUCCESSFULLY


Authorized Signatory
(Knowledge Services)





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

KELTRON
CIN: U74999KL1972SGC002450

BG - Knowledge Services Group

DSTIN: 32AABCK1319E425

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

KSG/42/INTP/23-07/L1978

20.07.2023

CERTIFICATE

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

Name of the Student	Mr. GAUTHAM KRISHNA K S
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Vettimukkal (P O), Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical and Electronics Engineering
Student's Registration No.	MLM21EE011
Semester / Year of Study	4 th Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 rd Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI028201
Roll No /Register No.	K23421110622
Program Category	INTERNSHIP
Period & Duration of the Program	29.05.2023 to 04.06.2023 (1 Week)
Area of Exposure	Embedded System Concepts, Introduction to Python Programming
Status	COMPLETED SUCCESSFULLY



Authorized Signatory
(Knowledge Services)





CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

केंद्रीय पेट्रोसायन अभियांत्रिकी एवं प्रौद्योगिकी संस्थान (सिपेट)

(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188560

CERTIFICATE / प्रमाणपत्र

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Shri / Smt. / Ms. A ARAVIND

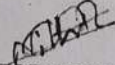
Slc / D/o / W/o Shri. Anil Kumar.K.C.....

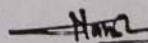
has successfully completed the training programme titled

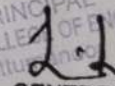
Fundamentals of Injection Moulding Technique

Organized at CIPET:Palakkad..... from ...18,03,2024.... to 21,03,2024.....

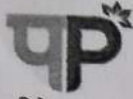
Date: 21.03.2024


COURSE COORDINATOR


TRAINING I/C - VTC


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(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188567

CERTIFICATE / प्रमाणपत्र

This is to certify that

Srri / Smt. / Ms. AADHIL ABBAS

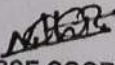
Slr / Dlr / Wlr Shri. Abbas.K

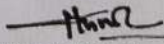
has successfully completed the training programme titled


Fundamentals of Injection Moulding Technique

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Date: 21.03.2024


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(Formerly Central Institute of Plastics Engineering & Technology)
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188568

CERTIFICATE / प्रमाणपत्र

This is to certify that

Shri / Smt. / Ms. ABHINAW S K

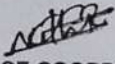
Sl/o / D/o / W/o Shri. Sujith K

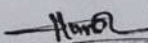
has successfully completed the training programme titled


Fundamentals of Injection Moulding Technique

Organized at CIPET:Palakkad from ... 18,03,2024 to 21,03,2024

Date: 21.03.2024


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(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

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CENTRE: CIPET:PALAKKAD

Certificate No.: A 188570

CERTIFICATE / प्रमाणपत्र

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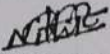
Shri / Smt. / Ms. ARUN V. J.

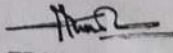
*S/o / D/o / W/o Shri. T. Vijayakumar
has successfully completed the training programme titled*

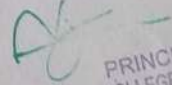
Fundamentals of Injection Moulding Technique

Organized at CIPET:Palakkad from ... 18,03,2024 to 21,03,2024

Date: 21.03.2024


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(Formerly Central Institute of Plastics Engineering & Technology)
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)
HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188571

CERTIFICATE / प्रमाणपत्र

This is to certify that

Shri / Smt. / Ms. **DEV KRISHNAN.P**

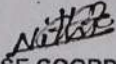
Sl/o / D/o / W/o **Shri. Pankajakshan.M.K**

has successfully completed the training programme titled

Fundamentals of Injection Moulding Technique

Organized at CIPET:Palakkad from ... **18.03.2024** ... to **21.03.2024**

Date: **21.03.2024**


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(Formerly Central Institute of Plastics Engineering & Technology)
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188572

CERTIFICATE / प्रमाणपत्र

This is to certify that

Shri / Smt. / Ms. **MUHAMMED SAHAL K J** *.....*

S/o / D/o / W/o **Shri. Jalaludeen K A** *.....*


has successfully completed the training programme titled

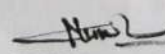
Fundamentals of Injection Moulding Technique

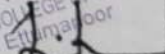
Organized at CIPET:Palakkad..... from ... 18,03,2024..... to 21,03,2024.....



Date **21.03.2024**


COURSE COORDINATOR


TRAINING I/C - VTC


CENTRE HEAD


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MANGALAM COLLEGE OF ENGINEERING
Ettimambur



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

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(Formerly Central Institute of Plastics Engineering & Technology)
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188573

CERTIFICATE / प्रमाणपत्र

This is to certify that

Shri / Smt. / Ms. **SOJITH A BAIJU**

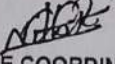
S/o / D/o / W/o **Shri. Baiju. Shiji. B.**

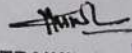
has successfully completed the training programme titled


Fundamentals of Injection Moulding Technique

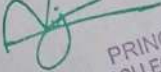
Organized at CIPET:Palakkad *from* **18.03.2024** **21.03.2024**

Date: **21.03.2024**


COURSE COORDINATOR


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HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188569

CERTIFICATE / प्रमाणपत्र

This is to certify that

Shri / Smt. / Ms. ADITHYAN SAJI


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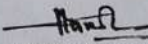
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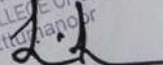
Fundamentals of Injection Moulding Technique

Organized at CIPET:Palakkad from ... 18.03.2024 to 21.03.2024

Date: 21.03.2024


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MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

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Ministry of Micro, Small and Medium Enterprises

भारत सरकार की संस्था

Government of India Society

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Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 194474

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Arun V J

S/o Mr. T. Vijayakumar

has successfully completed the training

on

AUTO CAD (MECHANICAL)

from 18.11.2023 to 18.12.2023 (96 hrs.)

at MSME-TDC, EC- Ettumanoor (Kerala)



DATE : May 2, 2024

PLACE : AGRA


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MANGALAM COLLEGE OF ENGINEERING
Ettumanoor
(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

No. PPDC/Trg./OSP/2024-25/3117



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

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Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 194476

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Abhinaw S K

S/o Mr. Sujith K

has successfully completed the training

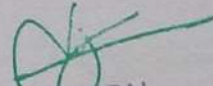
on

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MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

DATE : May 2, 2024
PLACE : AGRA

No. PPDC/Trg./OSP/2024-25/3119



एम.एस.एम.ई.- प्रौद्योगिकी विकास केन्द्र

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Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 194478

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Sojith A Baiju

S/o Mr. Baiju Shiji B

has successfully completed the training

on

AUTO CAD (MECHANICAL)

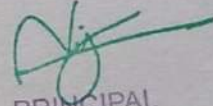
from 18.11.2023 to 18.12.2023 (96 hrs.)

at MSME-TDC, EC- Ettumanoor (Kerala)



DATE : May 2, 2024

PLACE : AGRA


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Ministry of Micro, Small and Medium Enterprises

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Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 194477

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Sreenath K S

S/o Mr. Suresh K C

has successfully completed the training

on

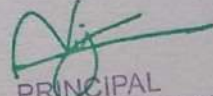
AUTO CAD (MECHANICAL)

from 18.11.2023 to 18.12.2023 (96 hrs.)

at MSME-TDC, EC- Ettumanoor (Kerala)



DATE : May 2, 2024
PLACE : AGRA


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No. PPDC/Trg./OSP/2024-25/3120



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Foundry Nagar, Agra-282 006 (U.P.)



Reg. No : 194475

प्रमाण-पत्र

Certificate

This is to certify that

Mr. Yashvanth Rao N

S/o Mr. Nagaraj Rao

has successfully completed the training

on

AUTO CAD (MECHANICAL)

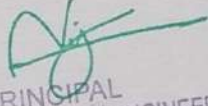
from 18.11.2023 to 18.12.2023 (96 hrs.)

at MSME-TDC, EC- Ettumanoor (Kerala)



DATE : May 2, 2024

PLACE : AGRA


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Ettumanoor
(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

No. PPDC/Trg./OSP/2024-25/3118



KERALA STATE ROAD TRANSPORT CORPORATION

Office of the Works Manager,
Regional Workshop, Mavelikara – 690 101
Alappuzha (Dist.), Phone & Fax: 0479 – 230 2409
E-mail: keralartcrwm@gmail.com

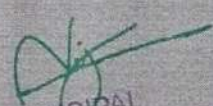
No. G1-188/23 / RW MVKA


23/02/2024

CERTIFICATE

This is to certify that **Sri. JOEL GEORGEKUTTY**, a student of the Course in Mechanical Engineering student of Mangalam College Of Engineering , Ettumanoor has undergone In-plant training successfully at the Regional Workshop of Kerala State Road Transport Corporation, Mavelikara from 19-02-2024 to 23-02-2024 (05 working days), as part of his course curriculum

During the training his work and conduct was good.


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


23/02/24
WORKS MANAGER





CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

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(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188561

CERTIFICATE / प्रमाणपत्र

This is to certify that

Shri / Smt. / Ms. AMAL SHAJI

S/o / D/o / W/o Shri. Shajimon. M.M.

has successfully completed the training programme titled

Fundamentals of Injection Moulding Technique

Organized at CIPET:Palakkad from ... 18.03.2024 to 21.03.2024



Date: 21.03.2024

[Signature]
COURSE COORDINATOR

[Signature]
TRAINING I/C - VTC

[Signature]
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MANGALAM COLLEGE OF ENGINEERING
ERUDUR
CENTRE HEAD



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HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188562

CERTIFICATE / प्रमाणपत्र

This is to certify that

Sri / Smt. / Ms. EBIN MATHEW SKARIA

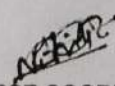
Sl/o / D/o / W/o Shri. Mathew Skaria

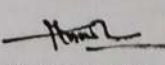
has successfully completed the training programme titled


Fundamentals of Injection Moulding Technique

Organized at CIPET:Palakkad from ... 18.03.2024 to 21.03.2024

Date: 21.03.2024


COURSE COORDINATOR


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CENTRE: CIPET:PALAKKAD

Certificate No.: A 188563

CERTIFICATE / प्रमाणपत्र

This is to certify that

Shri / Smt. / Ms. **MUHAMMED FAYAS**

S/o / D/o / W/o *Shri. Niyas. C.M.*

has successfully completed the training programme titled

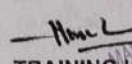
Fundamentals of Injection Moulding Technique

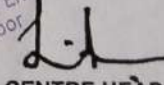
Organized at CIPET:Palakkad *from* ... 18.03.2024 *to* 21.03.2024



Date: 21.03.2024


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(Formerly Central Institute of Plastics Engineering & Technology)
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188564

CERTIFICATE / प्रमाणपत्र

This is to certify that

Shri / Smt. / Ms. PHILIP PAUL


Sl/o / D/o / W/o Shri. Paul.K.Mathew.....

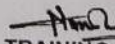
has successfully completed the training programme titled


Fundamentals of Injection Moulding Technique


Organized at CIPET:Palakkad from ...18.03.2024.... to 21.03.2024.....

Date: 21.03.2024


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(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188565

CERTIFICATE / प्रमाणपत्र

This is to certify that

Shri / Smt. / Ms. VISAL K S


Sl/o / D/o / W/o Shri. Sasidharan Nair R.

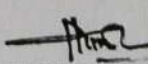
has successfully completed the training programme titled

Fundamentals of Injection Moulding Technique

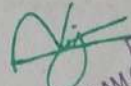
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HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188574

CERTIFICATE / प्रमाणपत्र

This is to certify that

Shri / Smt. / Ms. VISHNULAL

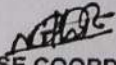
Sl/o / D/o / W/o Shri. P.S Lalan

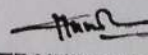
has successfully completed the training programme titled

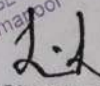
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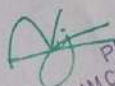
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Date: 21.03.2024


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HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188566

CERTIFICATE / प्रमाणपत्र

This is to certify that

Shri / Smt. / Ms. **ASLAM B KABEER**

Sl / Dl / Wl **Shri. Kabeer.B.H.**

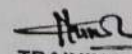
has successfully completed the training programme titled

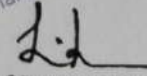
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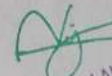
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Date: **21.03.2024**


COURSE COORDINATOR


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22.02.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. HRISHIKESH J. (LMLM20ME079), 4th year Mechanical Engineering student, Mangalam College of Engineering, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam - 686 631 had undergone an 'INTERNSHIP TRAINING' in the Workshop Department of our Company during the period from 16.02.2024 to 21.02.2024 as part of his curriculum.

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

FOR THE TRAVANCORE CEMENTS LTD.,

DY. GENERAL MANAGER (P&A)



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor





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PD/ 83

23.02.2024

TO WHOMSOEVER IT MAY CONCERN


This is to certify that Mr. GOPIKRISHNAN G. (MLM20ME039), 4th year Mechanical Engineering student, Mangalam College of Engineering, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam - 686 631 had undergone an **INTERNSHIP TRAINING** in the Workshop Department of our Company during the period from 16.02.2024 to 23.02.2024 as part of his curriculum.

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

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MANGALAM COLLEGE OF ENGINEERING
Ettumanoor





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PD/86

22.02.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. AMAL DEV H. (LMLM20ME075), 4th year Mechanical Engineering student, Mangalam College of Engineering, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam - 686 631 had undergone an 'INTERNSHIP TRAINING' in the Workshop Department of our Company during the period from 16.02.2024 to 21.02.2024 as part of his curriculum.

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

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PD/84

22.02.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. GOWRISANKAR A. (MLM20ME040), 4th year Mechanical Engineering student, Mangalam College of Engineering, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam - 686 631 had undergone an 'INTERNSHIP TRAINING' in the Workshop Department of our Company during the period from 16.02.2024 to 21.02.2024 as part of his curriculum.

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

FOR THE TRAVANCORE CEMENTS LTD.,

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Ettumanoor



NATTAKOM, KOTTAYAM - 686 013, KERALA, CIN : U26941KL1946SGC001213, GSTIN: 32AAACT7593C1ZG
e-mail: info@travcement.com | Website: www.travcement.com, Ph: 0481-2361371, 2361372





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PD/ 82

22.02.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. ASWIN K.S. (MLM20ME026), 4th year Mechanical Engineering student, Mangalam College of Engineering, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam - 686 631 had undergone an 'INTERNSHIP TRAINING' in the Workshop Department of our Company during the period from 16.02.2024 to 21.02.2024 as part of his curriculum.

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

FOR THE TRAVANCORE CEMENTS LTD.,

DY. GENERAL MANAGER (P&A)



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MANGALAM COLLEGE OF ENGINEERING
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PD/ 78

22.02.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. SIJIN VARGHESE (MLM20ME066), 4th year Mechanical Engineering student, Mangalam College of Engineering, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam - 686 631 had undergone an 'INTERNSHIP TRAINING' in the Workshop Department of our Company during the period from 16.02.2024 to 21.02.2024 as part of his curriculum.

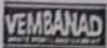
During this period he had shown keen interest in learning various aspects connected with his academic requirement and was found obedient as well as industrious.

FOR THE TRAVANCORE CEMENTS LTD.,

DY. GENERAL MANAGER (P&A)



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



NATTAKOM, KOTTAYAM - 686 013, KERALA, CIN : U26941KL1946SGC001213, GSTIN: 32AAACT7593C1ZG
e-mail: info@travcement.com | Website: www.travcement.com, Ph: 0481-2361371, 2361372





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PD/85

22.02.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. T. MUHAMMED THANZEER (MLM20ME069), 4th year Mechanical Engineering student, Mangalam College of Engineering, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam - 686 631 had undergone an 'INTERNSHIP TRAINING' in the Workshop Department of our Company during the period from 16.02.2024 to 21.02.2024 as part of his curriculum.

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

FOR THE TRAVANCORE CEMENTS LTD.,

DY. GENERAL MANAGER (P&A)



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Ettumanoor





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PD/ 81

22.02.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. ALPHIN BINU(MLM20ME017), 4th year Mechanical Engineering student, Mangalam College of Engineering, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam - 686 631 had undergone an 'INTERNSHIP TRAINING' in the Workshop Department of our Company during the period from 16.02.2024 to 21.02.2024 as part of his curriculum.

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

FOR THE TRAVANCORE CEMENTS LTD.,

DY. GENERAL MANAGER (P&A)



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MANGALAM COLLEGE OF ENGINEERING
Ettumanoor





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PD/ 77

22.02.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. AKASH T (MLM20ME009), 4th year Mechanical Engineering student, Mangalam College of Engineering, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam - 686 631 had undergone an 'INTERNSHIP TRAINING' in the Workshop Department of our Company during the period from 16.02.2024 to 21.02.2024 as part of his curriculum.

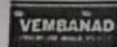
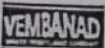
During this period he had shown keen interest in learning various aspects connected with his academic requirement and was found obedient as well as industrious.

FOR THE TRAVANCORE CEMENTS LTD.,

DY. GENERAL MANAGER (P&A)

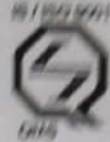


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Ettumanoor





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PD/ 79

22.02.2024

TO WHOMSOEVER IT MAY CONCERN

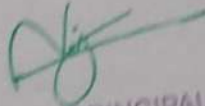
This is to certify that Mr. AJAY T.S. (MLM20ME008), 4th year Mechanical Engineering student, Mangalam College of Engineering, Mangalam Hills, Vettimukal P.O., Ettumanoor, Kottayam - 686 631 had undergone an 'INTERNSHIP TRAINING' in the Workshop Department of our Company during the period from 16.02.2024 to 21.02.2024 as part of his curriculum.

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

FOR THE TRAVANCORE CEMENTS LTD.,

DY. GENERAL MANAGER (P&A)




PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



NO: SCE/COE/24/01/093

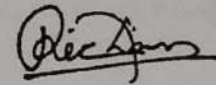
DATE: 23.01.2024

OFFICE ORDER

Sub: Appointment of Board of Examiner – Lab Course – End Semester Examination (R) December 2023.

Er. Premjith S, Assistant Professor, Department of Mechanical Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam has been appointed as an External Examiner for conducting Lab End Semester Examination (R) December 2023, on 2nd & 3rd February 2024 for the course 20RBL201- Machine Drawing and Solid Modelling Lab of Third Semester B.Tech in Robotics & Automation. You are requested to report Dr. Cherian Paul, Associate Professor & HOD, Department of Mechanical Engineering, Saintgits College of Engineering (Autonomous).

Yours Sincerely,



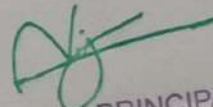
Dr. Riboy Cheriyan
Controller of Examinations

To:

The person concerned

Copy to:

1. Principal
2. HoD
3. Stock file



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



SAINTGITS
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No: SCE/COE/23/11/072

Date: 20.11.2023

DUTY CERTIFICATE

This is to certify that Er. Jishnu M, Assistant Professor, Department of Mechanical Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam has attended in this college as an External Expert for Scrutiny Board of Question Papers on 20.11.2023.



Riboy Cheriyan
20/11/2023

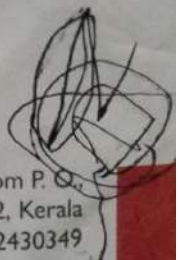
Dr. Riboy Cheriyan
Controller of Examinations

[Signature]

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

SAINTGITS COLLEGE OF ENGINEERING
(AUTONOMOUS)

Kottukulam Hills, Pathamuttom P. O.,
Kottayam - 686 532, Kerala
Tel: +91 481 2436169, 2436170, 2430349
mail@saintgits.org
www.saintgits.org





OFFICE OF THE CONTROLLER OF EXAMINATIONS

NO: SCE/COE/24/06/081

DATE: 21.06.2024

OFFICE ORDER

Sub: Appointment of Board of Examiner – Lab Course – End Semester Examination (R ,S) May 2024.

Er. Premjith S, Assistant Professor, Department of Mechanical Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam, has been appointed as an External Examiner for conducting Lab End Semester Examination (Regular, Supplementary) May 2024, on 29th June to 1st July 2024 for the course **20MEL204 – Machine Tools Lab 1** of Fourth Semester B.Tech in **Mechanical Engineering**. You are requested to report Dr. Cherian Paul Associate Professor & HOD, Department of Mechanical Engineering, Saintgits College of Engineering (Autonomous).

Yours Sincerely,



Dr. Riboy Cheriyan
Controller of Examinations

To:

The person concerned

Copy to:

1. Principal
2. HoD
3. Stock file

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

NO: SCE/COE/24/05/056

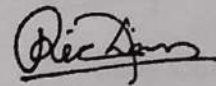
DATE: 29.05.2024

OFFICE ORDER

Sub: Appointment of Board of Examiner – Lab Course – End Semester Examination (R ,S) May 2024.

Dr. Manuel George, Associate Professor, Department of Mechanical Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam has been appointed as an External Examiner for conducting Lab End Semester Examination (Regular,Supplementary) May 2024, on 31st May 2024 for the course 20MEL302 - Computer Aided Design and Analysis Lab of Sixth Semester B.Tech in Mechanical Engineering. You are requested to report Dr.Cherian Paul, Associate Professor & HOD, Department of Mechanical Engineering, Saintgits College of Engineering (Autonomous).

Yours Sincerely,



Dr. Riboy Cheriyan
Controller of Examinations

To:

The person concerned

Copy to:

1. Principal
2. HoD
3. Stock file



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

NO: SCE/COE/24/01/046

DATE: 17.01.2024

OFFICE ORDER

Sub: Appointment of Board of Examiner – Lab Course – End Semester Examination (R) December 2023.

Dr. Manuel George, Associate Professor, Department of Mechanical Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam, has been appointed as an External Examiner for conducting Lab End Semester Examination (R) December 2023, on 23rd & 24th January 2024 for the course **20MEL301 - Machine Tools Lab – II** of Fifth Semester B.Tech in Mechanical Engineering. You are requested to report Dr.Cherian Paul, Associate Professor & HOD, Department of Mechanical Engineering., Saintgits College of Engineering (Autonomous).

Yours Sincerely,



Dr. Riboy Cheriyan
Controller of Examinations

To:

The person concerned

Copy to:

1. Principal
2. HoD
3. Stock file



OFFICE OF THE CONTROLLER OF EXAMINATIONS

NO: SCE/COE/24/06/079

DATE: 21.06.2024

OFFICE ORDER

Sub: Appointment of Board of Examiner – Lab Course – End Semester Examination (R ,S) May 2024.

Er.Navish Kumar,Assistant Professor, Department of Mechanical Engineering,Mangalam College of Engineering, Ettumanoor,Kottayam, has been appointed as an External Examiner for conducting Lab End Semester Examination (Regular, Supplementary) May 2024, on 27th to 28th June 2024 for the course **20MEL204 – Machine Tools Lab 1of Fourth Semester B.Tech in Mechanical Engineering**. You are requested to report Dr. Cherian Paul Associate Professor & HOD, Department of Mechanical Engineering, Saintgits College of Engineering (Autonomous).

Yours Sincerely,



Dr. Riboy Cheriyan
Controller of Examinations

To:

The person concerned

Copy to:

1. Principal
2. HoD
3. Stock file

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

OFFICE OF THE CONTROLLER OF EXAMINATIONS

NO: SCE/COE/24/06/044

DATE: 13.06.2024

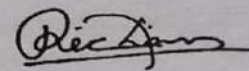
OFFICE ORDER

Sub: Appointment of Board of Examiner – Project & Comprehensive Course Viva– B.Tech in Mechanical Engineering -End Semester Examination (Regular) May 2024

Er. Santhu Varghese Thomas, Assistant Professor, Department of Mechanical Engineering, Mangalam College of Engineering, Ettumanoor has been appointed as an External Examiner for the conduct of Project & Comprehensive Course Viva of 8th semester B.Tech in **Mechanical Engineering** - End Semester Examination May 2024, at Saintgits College of Engineering (Autonomous), on 19th & 20th June 2024.

You are requested to report Dr. Cherian Paul, Associate Professor & HOD, Department of Mechanical Engineering, Saintgits College of Engineering.

Yours Sincerely,

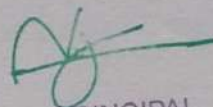


Dr. Riboy Cheriyan
Controller of Examinations



Copy to:

1. Principal
2. HoD
3. External Examiner
4. Stock file



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OFFICE OF THE CONTROLLER OF EXAMINATIONS

NO: SCE/COE/23/09/011

DATE: 11.09.2023

OFFICE ORDER

Sub: Appointment of Observer – Second Semester B.Tech ESE Degree (Supplementary) Examination August 2023

Mr. Santhu Varghese Thomas, Assistant Professor, Department of Mechanical Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam has been appointed as Observer at Saintgits College of Engineering (Autonomous) on 13-09-2023, for S2 B.Tech Degree Examination (Supplementary) August 2023. You are requested to report to the Additional Chief Superintendent of Examinations (Asst. Prof. Jobin Jose - contact no: 9446922266) at 12.30 pm on 13-09-2023.



Yours Sincerely,

Dr. Riboy Cheriyan,
Controller of Examinations

Copy to:

1. Principal
2. Additional Chief Supt of Exams
3. Stock file

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

SAINTGITS COLLEGE OF ENGINEERING
(AUTONOMOUS)

Kottukulam Hills, Pathamuttom P. O.,
Kottayam - 686 532, Kerala
Tel: +91 481 2436169, 2436170
Extn: 150,155,156
www.saintgits.org

NO: SCE/COE/24/06/125

DATE: 29.06.2024

OFFICE ORDER

Sub: Appointment of Board of Examiner – Lab Course – End Semester Examination (R ,S) May 2024.

Er. Santhu Varghese Thomas, Assistant Professor, Department of Mechanical Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam has been appointed as an External Examiner for conducting Lab End Semester Examination (Regular, Supplementary) May 2024, on 3rd & 4th July 2024 for the course **20MEL302 – Computer Aided Design and Analysis Lab** of Sixth Semester **B.Tech in Mechanical Engineering**. You are requested to report Dr. Cherian Paul, Associate Professor & HOD, Department of Mechanical Engineering, Saintgits College of Engineering (Autonomous).

Yours Sincerely,



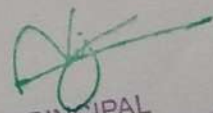
Dr. Riboy Cheriyan
Controller of Examinations

To:

The person concerned

Copy to:

1. Principal
2. HoD
3. Stock file



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MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



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OFFICE OF THE CONTROLLER OF EXAMINATIONS

NO: SCE/COE/23/11/122

DATE: 28.11.2023

OFFICE ORDER

Sub: Constitution of Scrutiny Board of Question Papers – B.Tech- Mechanical Engineering

Scrutiny Board to scrutinise the question papers for the courses offered in the 3rd & 5th Semester B.Tech - Mechanical Engineering has been constituted with following members.

The members are:

1. Dr. Cherian Paul, Associate Professor & HOD, Department of Mechanical Engineering, Saintgits College of Engineering- Chairperson
2. Dr.Manuel George, Associate Professor, Department of Mechanical Engineering, Mangalam College of Engineering, Ettumanoor - External Expert
3. Dr. Jacob T Varghese, Professor, Department of Mechanical Engineering , Saintgits College of Engineering - Internal Member
4. Er.Nandu S, Assistant Professor, Department of Mechanical Engineering, Saintgits College of Engineering - Internal Member
5. Er.Jithin K Kuriakose, Assistant Professor, Department of Mechanical Engineering, Saintgits College of Engineering - Internal Member

The scrutiny will be conducted at 9.30 am on 30th November 2023 at Scrutiny Space 6, CoE Office, Saintgits College of Engineering.

The scrutiny board is expected to scrutinize all question papers with utmost care and diligence.

Yours Sincerely,

Dr. Riboy Cheriyan
Controller of Examinations



Copy to:

1. Principal
2. The persons concerned
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PRINCIPAL
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Ettumanoor

SAINTGITS COLLEGE OF ENGINEERING
(AUTONOMOUS)

Kottukulam Hills, Pathamuttom P. O.,
Kottayam - 686 532, Kerala
Tel: +91 481 2436169, 2436170
Extn: 150,155,156
www.saintgits.org



CERTIFICATE OF INTERNSHIP

This is to certify that _____ from

ANANDU SURESH

Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism

TECHNOLOGIES



[Handwritten Signature]

AUTHORISED SIGNATORY

ACCENTIN
TECHNOLOGIES
PVT LTD

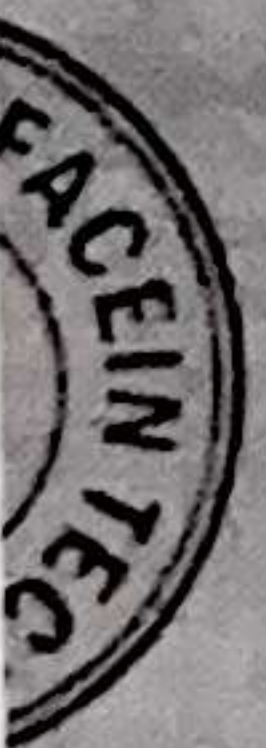
CERTIFICATE OF INTERNSHIP

This is to certify that _____

ANURAG PANICKER

**Mangalam College of Engineering, has successfully completed the internship p
Full Stack Development Using Python from 16/02/2024 to 09/03/2024.**

**During the internship program, he/she demonstrated exemplary dedication, enth
professionalism**



[Handwritten signature]

[Handwritten signature]



CERTIFICATE OF INTERNSHIP

This is to certify that _____ from _____

ANJANA R

Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism

TECHNOLOGIES

A handwritten signature in black ink, appearing to be "Anjana R".

A green circular stamp or mark, possibly a date or a specific identifier, located at the bottom right of the certificate.

AUTHORISED SIGNATORY





CERTIFICATE OF INTERNSHIP

This is to certify that ARCHA DAS M from **Mangalam College of Engineering**, has successfully completed the internship program in **Full Stack Development Using Python** from **16/02/2024 to 09/03/2024**.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism




AUTHORISED SIGNATORY





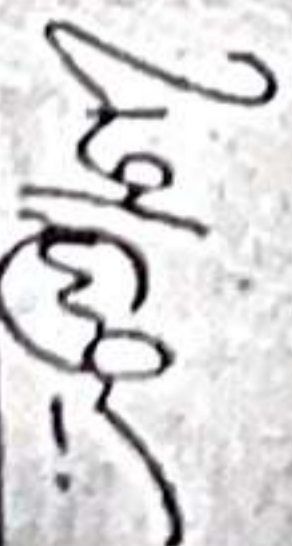
CERTIFICATE OF INTERNSHIP

This is to certify that ARJUN MB from _____

Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism.




AUTHORISED SIGNATORY

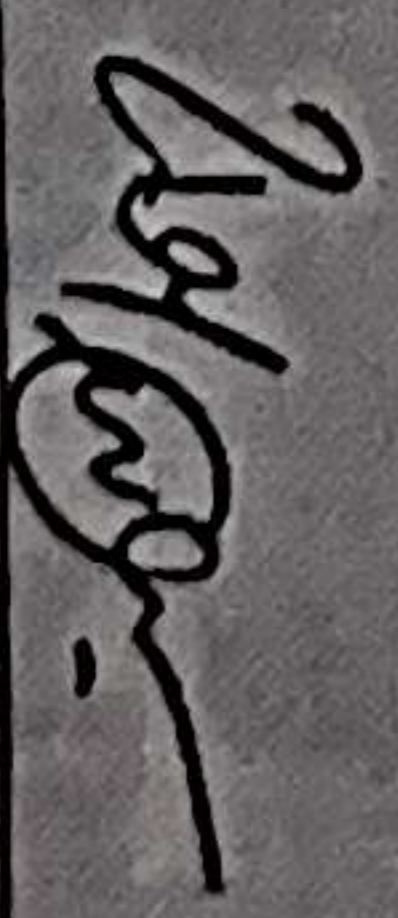




CERTIFICATE OF INTERNSHIP

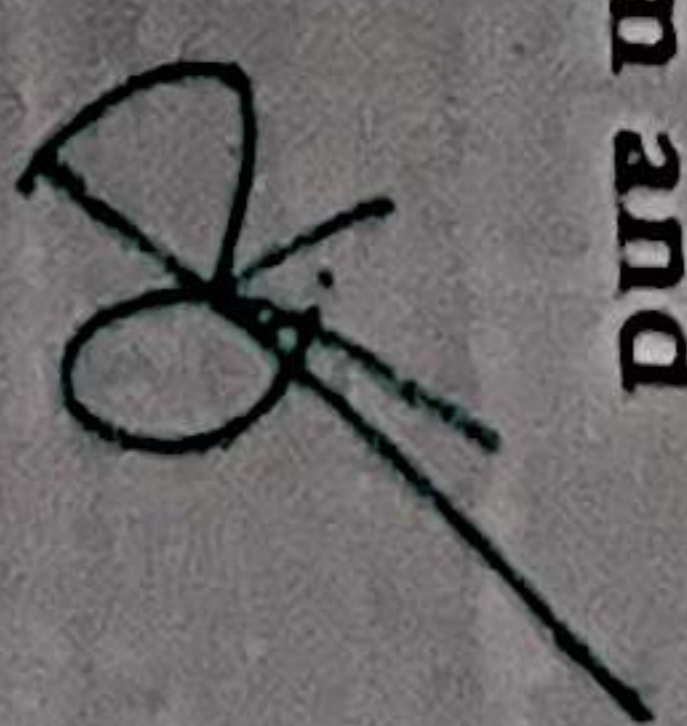
ARJUN P SAGI _____ from _____

This is to certify that _____
Mangalam College of Engineering, has successfully completed the internship program in
Full Stack Development Using Python from 16/02/2024 to 09/03/2024.
During the internship program, he/she demonstrated exemplary dedication, enthusiasm and
professionalism



AUTHORISED SIGNATORY







CERTIFICATE OF INTERNSHIP

This is to certify that Aswin KP from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



A handwritten signature in black ink, appearing to be 'Aswin KP'.

AUTHORISED SIGNATORY

A handwritten signature in green ink, appearing to be 'Aswin KP'.

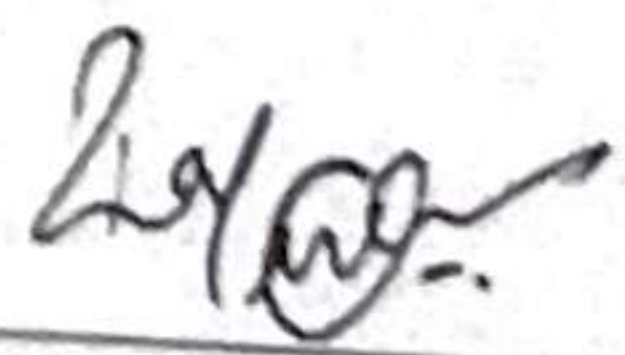


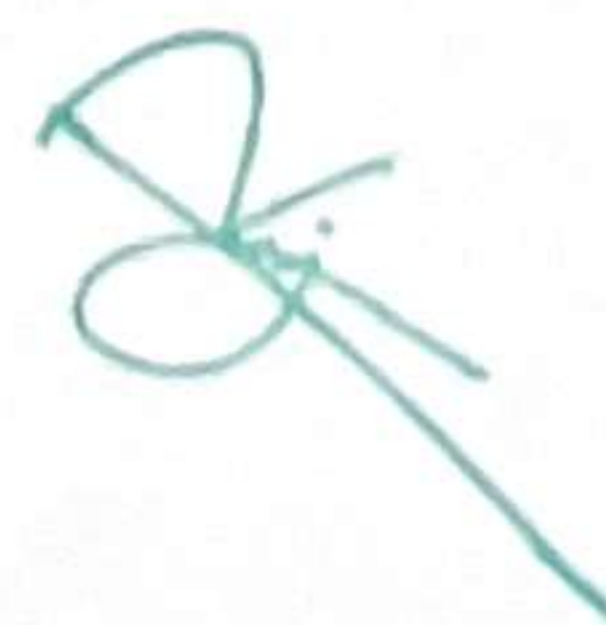
CERTIFICATE OF INTERNSHIP

This is to certify that ASWIN KRISHNA M from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism




AUTHORISED SIGNATORY





CERTIFICATE OF INTERNSHIP

This is to certify that ATHIRA PRAKASH from **Mangalam College of Engineering**, has successfully completed the internship program in **Full Stack Development Using Python** from **16/02/2024 to 09/03/2024**.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



A handwritten signature in black ink, appearing to read 'Athira Prakash'.

AUTHORISED SIGNATORY

A handwritten signature in green ink, appearing to read 'Athira Prakash'.

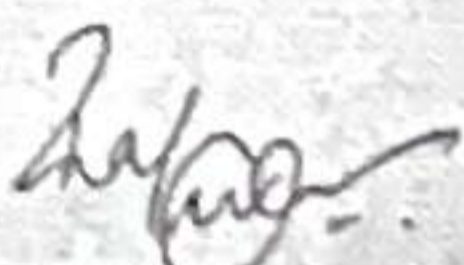


CERTIFICATE OF INTERNSHIP

This is to certify that ATHULLAYA S from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism




AUTHORISED SIGNATORY





CERTIFICATE OF INTERNSHIP

This is to certify that BIBIN BINOY from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.
 During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism




[Handwritten Signature]
 AUTHORIZED SIGNATORY

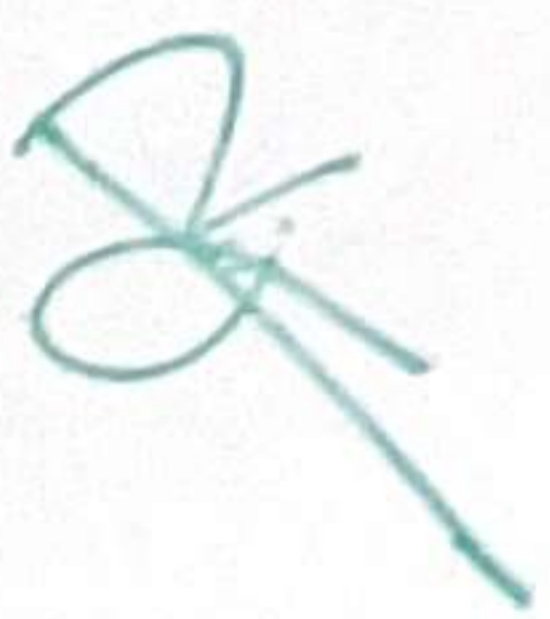


CERTIFICATE OF INTERNSHIP

This is to certify that DEVANARAYANAN M
Mangalam College of Engineering, has successfully completed the internship program in
Full Stack Development Using Python from 16/02/2024 to 09/03/2024.
During the internship program, he/she demonstrated exemplary dedication, enthusiasm and
Professionalism




AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that GIRIGORY RAJEEV from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



[Handwritten Signature]
AUTHORISED SIGNATORY

[Handwritten Signature]



CERTIFICATE OF INTERNSHIP

This is to certify that GIBIN SKARIA PHILIP from **Mangalam College of Engineering**, has successfully completed the internship program in **Full Stack Development Using Python** from **16/02/2024 to 09/03/2024**.

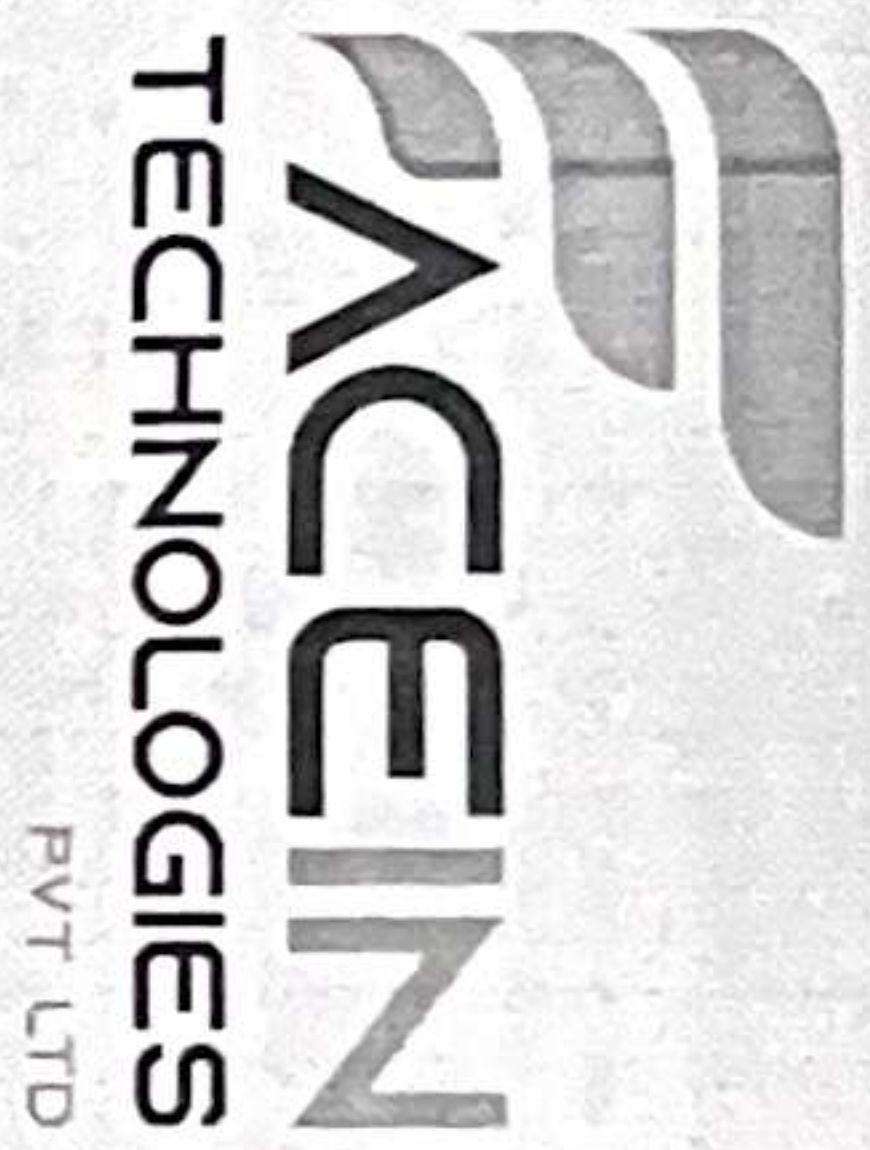
During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



A handwritten signature in black ink, appearing to be 'Gibin Skaria Philip'.

AUTHORISED SIGNATORY

A handwritten signature in green ink, appearing to be 'Gibin Skaria Philip'.



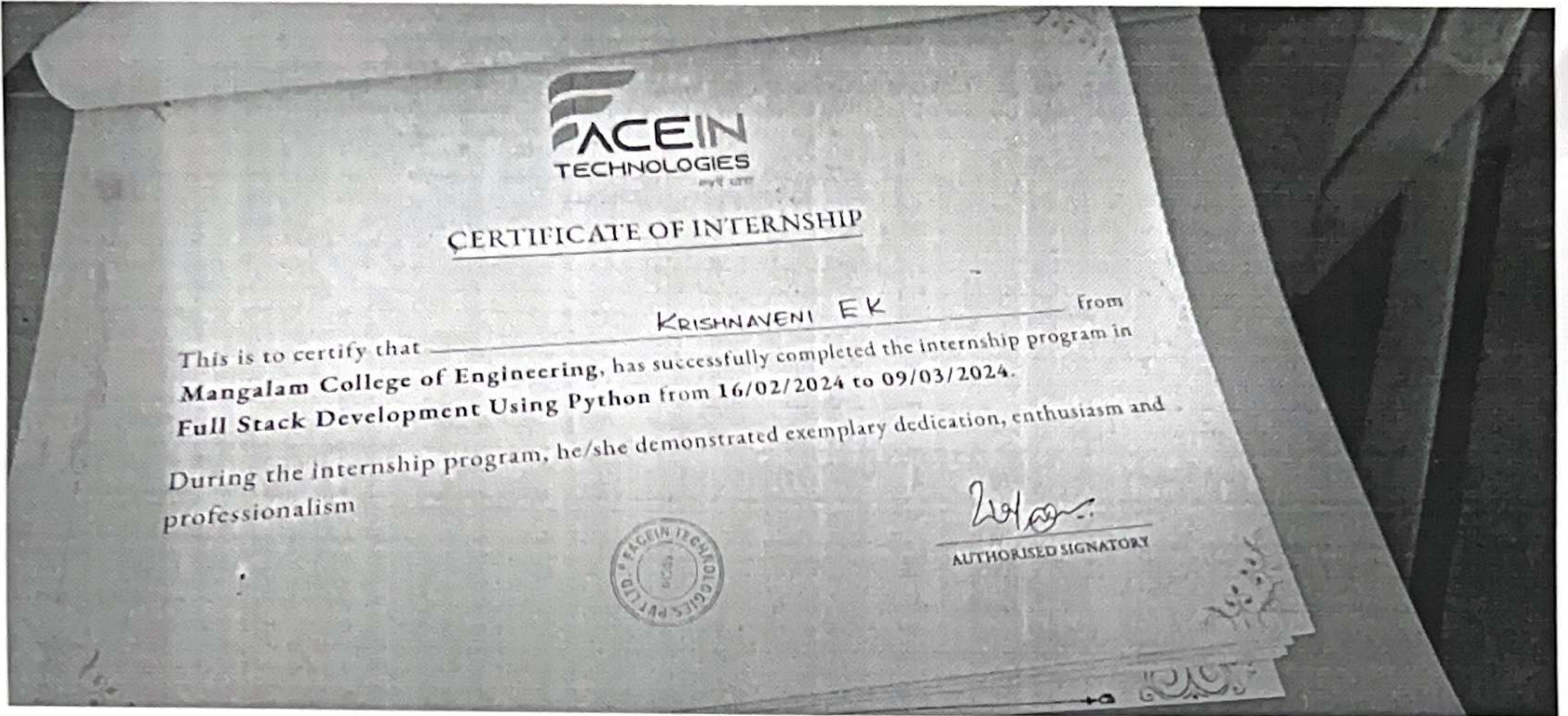
CERTIFICATE OF INTERNSHIP

This is to certify that JOHN JOSE from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.
During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



[Signature]
AUTHORISED SIGNATORY

[Handwritten mark]



[Handwritten signature in green ink]



CERTIFICATE OF INTERNSHIP

This is to certify that MAHESH KM from Mangalam College of Engineering, Full Stack Development Using Python from 16/02/2024 to 09/03/2024. During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism




AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that KRISHNENDHU KM from _____
Mangalam College of Engineering, has successfully completed the internship program in
Full Stack Development Using Python from 16/02/2024 to 09/03/2024.
During the internship program, he/she demonstrated exemplary dedication, enthusiasm and
professionalism



[Handwritten Signature]
AUTHORISED SIGNATORY

[Handwritten Signature]



CERTIFICATE OF INTERNSHIP

This is to certify that _____ from
Megha Anish
 Mangalam College of Engineering, has successfully completed the internship program in
Full Stack Development Using Python from **16/02/2024** to **09/03/2024**.
 During the internship program, he/she demonstrated exemplary dedication, enthusiasm and
 professionalism



[Handwritten Signature]
 AUTHORIZED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that NANDHAKUMAR KS from **Mangalam College of Engineering**, has successfully completed the internship program in **Full Stack Development Using Python** from **16/02/2024** to **09/03/2024**.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism




AUTHORISED SIGNATORY





CERTIFICATE OF INTERNSHIP

This is to certify that MANDHU SOMAN from

Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



A handwritten signature in black ink, appearing to read 'Mandhu Soman'.

AUTHORISED SIGNATORY

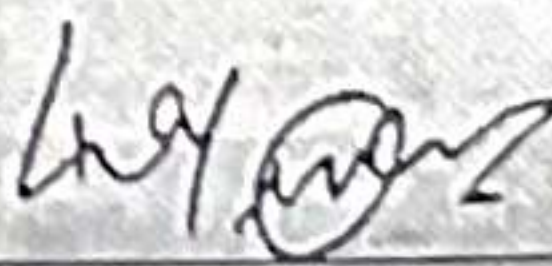


CERTIFICATE OF INTERNSHIP

This is to certify that NEBIN P SABU from **Mangalam College of Engineering**, has successfully completed the internship program in **Full Stack Development Using Python** from **16/02/2024** to **09/03/2024**.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism





AUTHORISED SIGNATORY





CERTIFICATE OF INTERNSHIP

This is to certify that PARVANA DILEEP from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.
During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



[Signature]
AUTHORISED SIGNATORY

[Handwritten mark]



CERTIFICATE OF INTERNSHIP

This is to certify that PARVATHY MOHANNAN

from

Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



AUTHORISED SIGNATORY

A handwritten signature in black ink, appearing to read 'Parvathy Moahnan'.

A handwritten signature in green ink, appearing to read 'Parvathy Moahnan'.



CERTIFICATE OF INTERNSHIP

This is to certify that _____ from _____

PARVATHY B LAL

Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



AUTHORISED SIGNATORY

[Handwritten signature]

[Handwritten initials]



CERTIFICATE OF INTERNSHIP

This is to certify that REEMA SOSA THOMAS from **Mangalam College of Engineering**, has successfully completed the internship program in **Full Stack Development Using Python** from **16/02/2024** to **09/03/2024**.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



A handwritten signature in black ink, appearing to be 'Reema Sosa Thomas'.

AUTHORISED SIGNATORY

A handwritten signature in green ink, appearing to be 'Reema Sosa Thomas'.



CERTIFICATE OF INTERNSHIP

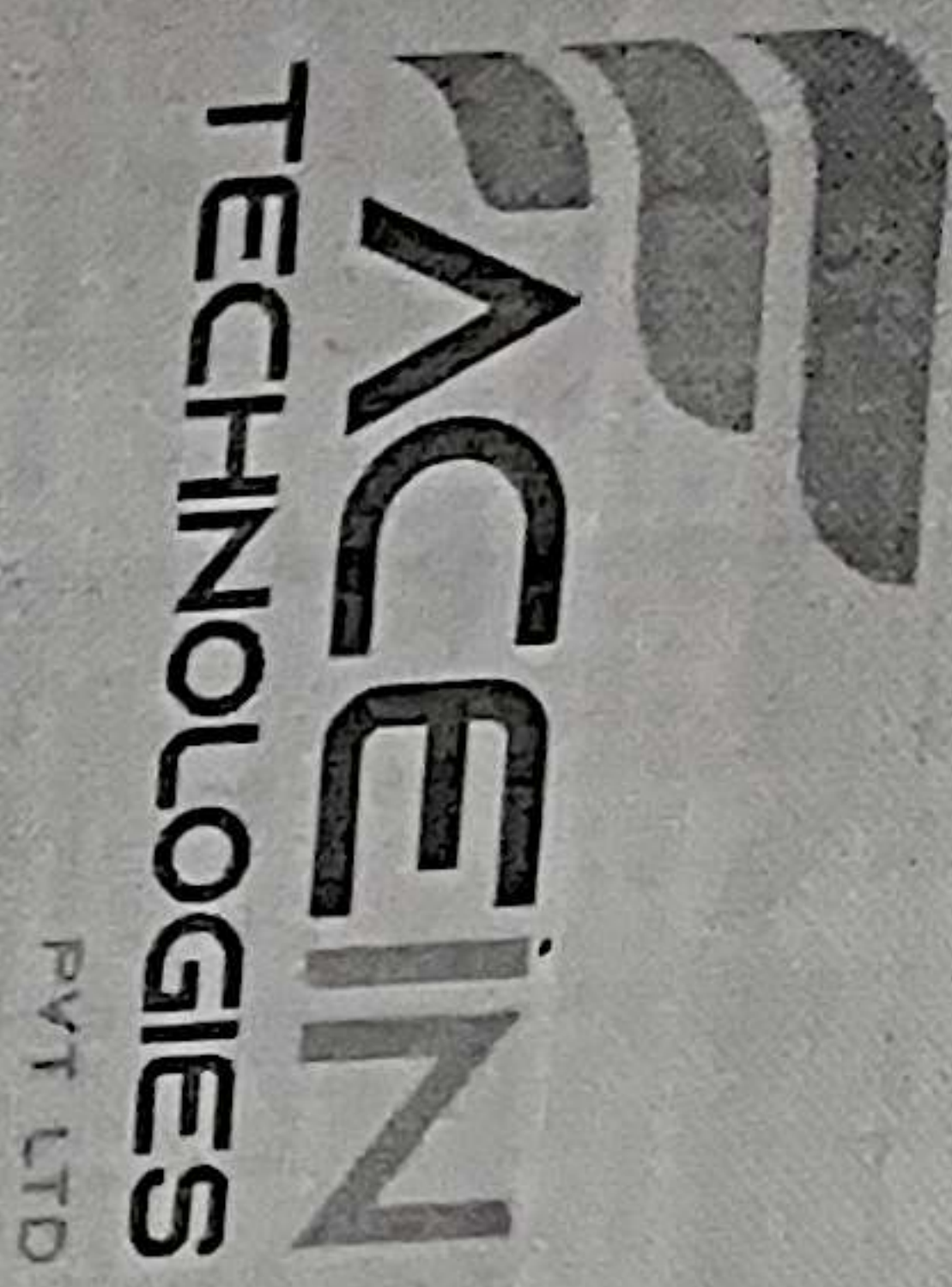
This is to certify that REVATHI S KUMAR from **Mangalam College of Engineering**, has successfully completed the internship program in **Full Stack Development Using Python** from **16/02/2024** to **09/03/2024**.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism




AUTHORISED SIGNATORY





CERTIFICATE OF INTERNSHIP

This is to certify that _____

RIYA ANN REJI

from _____

Mangalam College of Engineering, has successfully completed the internship program in **Full Stack Development Using Python** from **16/02/2024** to **09/03/2024**.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



[Handwritten Signature]

AUTHORISED SIGNATORY

[Handwritten Initials]



CERTIFICATE OF INTERNSHIP

ROJIN ROY

from

This is to certify that _____
Mangalam College of Engineering, has successfully completed the internship program in
Full Stack Development Using Python from 16/02/2024 to 09/03/2024.
During the internship program, he/she demonstrated exemplary dedication, enthusiasm and
professionalism



[Handwritten Signature]

AUTHORISED SIGNATORY

[Handwritten Mark]



CERTIFICATE OF INTERNSHIP

This is to certify that SAINAMDOL ZAKER

Mangalam College of Engineering, has successfully completed the internship program of **Full Stack Development Using Python** from **16/02/2024** to **09/03/2024**.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm, and **professionalism**.

TECHNOLOGIES





CERTIFICATE OF INTERNSHIP

This is to certify that _____ from

SUHANA SHEREEF _____

Mangalam College of Engineering, has successfully completed the internship program in

Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



[Handwritten Signature]

 AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that ABHIRAM AK from

Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism

TECHNOLOGIES



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AUTHORISED SIGNATORY





CERTIFICATE OF INTERNSHIP

To certify that ABIN VARGHESE
of Am College of Engineering, has successfully completed the internship program on Backend Development Using Python from 16/02/2024 to 09/03/2024.
During the internship program, he/she demonstrated exemplary dedication, enthusiasm, and professionalism.



A handwritten signature in black ink, appearing to read 'A. Varghese'.

AUTHORISED SIGNATORY





CERTIFICATE OF INTERNSHIP

This is to certify that ABITHAMOL CF from **Mangalam College of Engineering**, has successfully completed the internship program in **Full Stack Development Using Python** from **16/02/2024** to **09/03/2024**.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



A handwritten signature in black ink, appearing to read 'W. Jagan'.

AUTHORISED SIGNATORY

A handwritten signature in green ink, appearing to read 'R.'.



CERTIFICATE OF INTERNSHIP

This is to certify that AISHWARYA RAVIKUMAR from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism

TECHNOLOGIES



A handwritten signature in black ink, appearing to read 'Ravi'.

AUTHORISED SIGNATORY

A handwritten signature in green ink, appearing to read 'Ravi'.



CERTIFICATE OF INTERNSHIP

This is to certify that AKSAMOL SIMON from

Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



[Signature]
AUTHORISED SIGNATORY

[Signature]



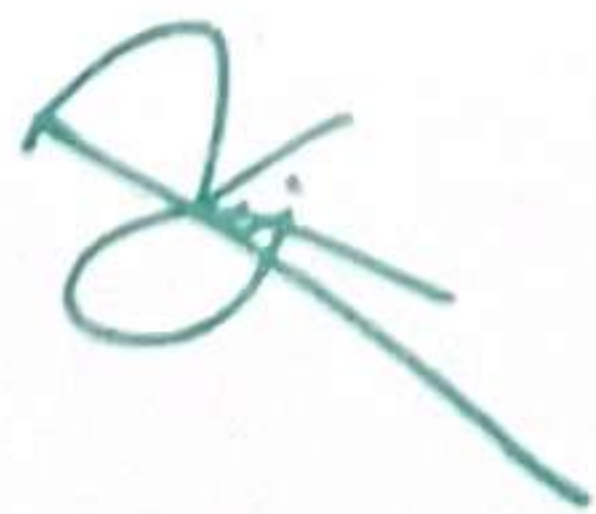
CERTIFICATE OF INTERNSHIP

This is to certify that ALAN BABY from
Mangalam College of Engineering, has successfully completed the internship program in
Full Stack Development Using Python from **16/02/2024** to **09/03/2024**.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism




AUTHORISED SIGNATORY





CERTIFICATE OF INTERNSHIP

This is to certify that ALBIN SABU from


Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



AUTHORISED SIGNATORY





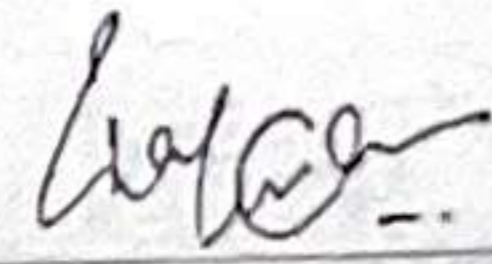


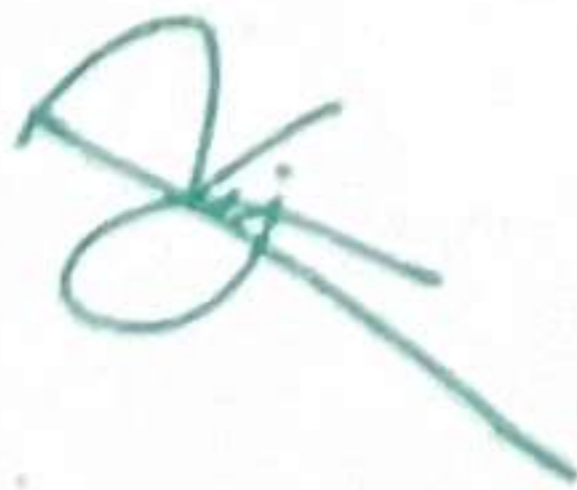
CERTIFICATE OF INTERNSHIP

This is to certify that ANANDU AJIKUMAR from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism




AUTHORISED SIGNATORY





CERTIFICATE OF INTERNSHIP

to certify that ANANDU AJIKUMAR
of Am College of Engineering, has successfully completed the internship program on Backend Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm, and professionalism.



A handwritten signature in black ink, appearing to read 'Anandu Ajikumar'.

AUTHORISED SIGNATORY

A handwritten signature in green ink, appearing to read 'Anandu Ajikumar'.





CERTIFICATE OF INTERNSHIP

ALVIN JOSEPH _____ from

This is to certify that _____
Mangalam College of Engineering, has successfully completed the internship program in
Full Stack Development Using Python from 16/02/2024 to 09/03/2024.
During the internship program, he/she demonstrated exemplary dedication, enthusiasm and
professionalism




AUTHORISED SIGNATORY



KPPL/HR/TRG/INT/1/24

Dt.19/10/2024

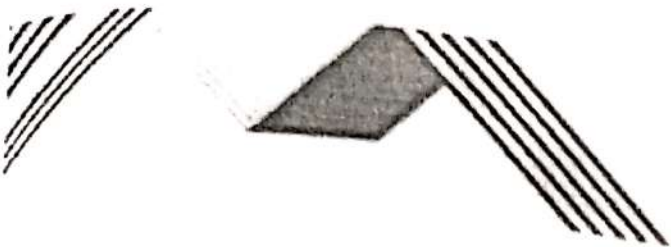
CERTIFICATE

This is to certify that Mr. Bince Benny, Second Semester MBA student of Mangalam College of Engineering, Mangalam Hills, Ettumanoor, Kottayam Dist had undergone 45 days Internship Training in the Finance Department of "Kerala Paper Products Limited" with effect from 27/05/2024.

During the training period he was regular sincere and hard working.



Bince Benny
19/10/2024
AUTHORISED SIGNATORY



modern™

MFEL/COK/INT/2024/70

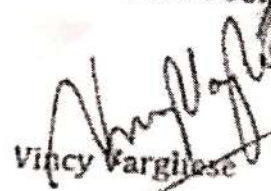
19-07-2024

CERTIFICATE

This is to certify that Ms. Angel George, studying MBA in Mangalam College of Engineering, Ettumanoor, has successfully completed internship at our organization from 3rd June 2024 to 19th July 2024.

We wish her the very best in all future endeavours.

For Modern Food Enterprises Pvt Ltd


Vincy Varghese



Assistant Manager - HR

Modern Food Enterprises Private Limited (Formerly known as Nirman Foods Private Limited)
Work: Edappally P. O. Kochi - 682 024
Registered Office: Office #2 One Horizon Centre, 10th Floor, Sector 42 Golf Course Road, Gurugram, Haryana - 122 002
T: +91-124-4121 9000 | E: info@modernfoods.co.in | www.modernfoods.co.in

08 07 2024

INTERNSHIP CERTIFICATE

This is to certify that Mr. Jijo K Chacko pursuing her MBA from Mangalam College of Engineering has completed an Internship in Sales and Marketing at Quilon Trading Company for a period of 45 days from 22nd May 2024 to 8th July 2024

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.

We wish him success in all his future endeavors.

For Quilon Trading Company

Sainu John
Proprietor



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TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. Nashida Y, 3rd Semester student of Mangalam College of Engineering Ettumanoor, Kottayam., has undergone an internship in the Kerala State Homoeopathic Co-Operative Pharmacy Ltd (HOMCO), from 03rd June 2024 to 19th July 2024.

She is hard-working and her conduct and character during this period was good to my knowledge and belief.

Date: 23.07.2024
Place: Alappuzha


Authorized Signatory





www.abtec.in



- Agro Biotech Research Centre
- ETTUMANOOKUR, KOTTAYAM
- Phone: 0477-2552101
- 0477-2552102

Date: 15/07/2024

CERTIFICATE

This is to certify that Ms. PREETHY JAYAN (Reg.No.MLM23MBA84) of MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOKUR, KOTTAYAM, completed her SUMMER INTERNSHIP AT AGRO BIOTECH RESEARCH CENTRE "ETTUMANOOKUR, KOTTAYAM" from 20th May 2024 to 5th July 2024.

She has evinced keen interest during the intership.

We wish her all the best in her future academic and professional life.

[Faint signature]

AGRO BIOTECH

[Faint signature]

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3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Link to the relevant document
1	Internship	Asset Homes, Kochi	Arya Purushothaman	2023-2024	45 Days (20/5/24 - 06/07/24)	Company Visit	
2	Internship	Reliance Trends, Muvattupuzha	Sandra Kunjumon	2023-2024	45 days (22/05/24-15/06/24)	Company Visit	
3	Internship	Lazza Icecream Productions, Ponkunnam	Amrutha	2023-2024	45 Days (20/05/2024 - 03/07/2024)	Company Visit	
4	Internship	Metrolia Steels Pvt Ltd, Muvattupuzha	Mecnu M Nair	2023-2024	45 Days (03/06/2024-18/07/2024)	Company Visit	
5	Internship	Asians Food Products, Kangazha , Kottayam	Sona Thomas	2023-2024	45 days (20/05/24-03/07/24)	Company Visit	
6	Internship	Tiruvalla Medical Mission Hospital, Tiruvalla	Aryalakshmi C S	2023-2024	45 days(20/05/24-04/07/24)	Company Visit	
7	Internship	Malayala Manorama Company LTD	Sneha Santhosh	2023-2024	45 days(20/05/24 - 14/07/24)	Company Visit	
8	Internship	Hi care gloves pvt Ltd marangattuply Kottayam	Adithya G Nath	2023-2024	45 days (20/05/24-06/07/24)	Company Visit	
9	Internship	Milma,yadavathoor	vidhyamol P V	2023-2024	45days (20.05.2024-05.07.2024)	Company Visit	
10	Internship	Davean Enterprises Pvt Ltd Ernakulam	Sanjay S	2023-2024	45 days (20/05/24 - 05/07/24)	Company Visit	
11	Internship	Swamis Condiments Pvt Ltd ,Aluva, Ernakulam	Sreeparvathy Pillai	2023-2024	60 days (20/05/2024 - 20/07/2024)	Company Visit	
12	Internship	Digitore pay(Digi Suvidha Pvt.Ltd)	Ansu Babu	2023-2024	45 Days (20/05/2024 -04/07/2024)	Company Visit	
13	Internship	Kochi Metro Rail limited	Jojoy Sibi	2023-2024	45 days (20/05/2024 - 05/07/2024)	Company Visit	

14	Internship	Chirackal agro mills (Periyar Rice)	Salman Bin Navas	2023-2024	45 days (20/05/24 to 04/07/24)	Company Visit
14	Internship	Indo american hospital,chenmankary	Karthik Binesh	2023-2024	45 days(22/05/2024 - 28/06/2024)	Company Visit
16	Internship	MRF pvt. limited vadavathoor	Ananthu manoj	2023-2024	45 days (20/05/24 - 04/07/24)	Company Visit
17	Internship	FCI OEN Connectors Ltd Mulanthuruthy , Ernakulam	Anasmon J	2023-2024	45 days (03/06/2024 - 18/07/2024)	Company Visit
18	Internship	Anand water Meters Ltd ,paluruthy, Kochi	Nithin Vijayan	2023-2024	45 days (20/05/24 to/ 03/07/23)	Company Visit
19	Internship	Summer Treat Icecreams, Kappumthala,Kottayam	Steealakshmi Anil	2023-2024	45 days (20/05/24 to/ 03/07/23)	Company Visit
20	internship	Eastern Mattresses Pvt Ltd , Ernakulam	Marin Jossy Joseph	2023-2024	45 days (20/05/2024-05/07/2024)	Company Visit
21	Internship	TVS Kottayam motors Pvt Ltd	saranga sajan	2023-2024	45 days (20-5-2024-13-07-2024)	Company Visit
22	Internship	El Sol Power Solutions,Changanasserry	Linumol sabu	2023-2024	45 days (20-5-2024-13-07-2024)	Company Visit
23	Internship	Sensation Solutions,Palarivattom	Devapriya Binu	2023-2024	45 days (20-5-2024 - 13-07-2024)	Company Visit
24	Internship	Highrange Home Appliances, Kattappana	Akshaya Ajith	2023-2024	45 days (16/05/2024 - 30/06/2024)	Company Visit
25	Internship	The Priyadarsini Co-operative Spinning Mill Meenadom	Mekha P.S	2023-2024	45 Days (27/05/2024-10-07-2024)	Company Visit
26	Internship	Popular HYUNDAI	Noel Philip	2023-2024	42 Days (20/05/2024 - 05/07/2024)	Company Visit
27	Internship	Cochin Bulk Terminal ultratech cement wilington island kochi	NANDU KRISHNA	2023-2024	45days(3-06-24 -18-07-24)	Company Visit
28	Internship	LuLu Mall Thiruvananthapuram	NIJO MATHEW	2023-2024	41days(29/05/2024 - 11/07/2024)	Company Visit
29	Internship	D C Books, Kottayam	Ashiyamol P S	2023-2024	45days(10/06/2024-19/07/2024)	Company Visit

30	Internship	RUBCO, Poothakuzhy, Kottayam	SURABHI S	2023-2024	45days(20/05/2024- 05/07/2024)	Company Visit
31	Internship	TRAVANCORE CEMENTS Ltd, KOTTAYAM	Ashwani Soman	2023-2024	45 Days (20/05/2024 -03/07/2024)	Company Visit
32	Internship	Thomas Cook, Bangalore	Jyothy B	2023-2024	45 days (3/6/2024 - 17/7/2024)	Company Visit
33	Internship	EVM Volkswagen, Kottayam	Merin Susan Joseph	2023-2024	60days(22/5/24-20/7 /24)	Company Visit
34	Internship	George Majjo Yamaha, Kottayam	Ashwin Binu	2023-2024	45 Days (20/05/24 - 03/07/24)	Company Visit
35	Internship	Max - Landmark group, Bangalore	Sonu S	2023-2024	47 days (03/06/2024 - 19/07/2024)	Company Visit
36	Internship	TRIUMPH	ANANDHU UTHAMAN	2023-2024	45 days(20/5/24 -12/7/24)	Company Visit
37	Internship	Royal Motors Bajaj	Manu Renjith	2023-2024	42 Days(03/06/24-14/0 6/24)	Company Visit
38	Internship	Berger Paints, Kottayam	Jithin Shaji	2023-2024	40 days (27/05/2024 - 5/07/2024)	Company Visit
39	Internship	Lunars Rubbers Pvt Ltd	Jino Thomas	2023-2024	40 days (10/06/2024 - 19/07/2024)	Company Visit
40	Internship	Genzee Technologies, Muvattupuzha	Rahul Krishna	2023-2024	45 days (27/05/2024-10/07/2 024)	Company Visit
41	Internship	DESHABIMANI KTM	Ashkar kabir	2023-2024	45 days (20/05/2024- 04/07/2024)	Company Visit
42	Internship	Toms pipe Pvt Ltd	Jobin Thomas Mathai	2023-2024	45days(20/05/2024 -05/07/2024)	Company Visit
43	Internship	KSE Limited	Jebson A Baby	2023-2024	45days(20/05/2024 - 03/07/2023)	Company Visit
44	Internship	Masco tea vagamon	AFEEF SHAJI	2023-2024	45 days (27/05/2024-13/07/20 24)	Company Visit

45	Internship	MRF Pvt Ltd vadavathoor	JOYAL THOMAS	2023-2024	45days(20/5/2024-04/07/2024	Company Visit
46	Internship	ASHIQUE EXPORTS (P), LTD	ALWIN JOSHY	2023-2024	45 days(20/5/24-05/5/24)	Company Visit
47	Internship	Travancore Sugars and Chemicals, Thiruvalla	Akhil Shaji	2023-2024	45 days(20/05/24-03/07/24)	Company Visit
48	Internship	Nirapara Roller Flour Mills Pvt Ltd, Changanassery	Snehavally Ak	2023-2024	45 days (20/05/24 - 3/07/24)	Company Visit
49	Internship	Keltron	Archana Babu	2023-2024	45 days (27/05/24 -10/07/24)	Company Visit
50	Internship	Alba Fashions Pvt. Ltd, Mulanthuruthy	Ashna Zakir	2023-2024	45days (22/05/24-05/07/24)	Company Visit
51	Internship	Radars Private Limited, Kochi	Colin Joe Sebastian	2023-2024	57 days (25/05/24 - 20/07/24)	Company Visit
52	Internship	DALLAH FISHERIES, RIYADH, SAUDI ARABIA	Anseef noushad	2023-2024	45 Days(04/06/24 - 20/07/24)	Company Visit
53	Internship	Igeeks Technologies, Bangalore	Githin Jobn Shaji	2023-2024	45 Days 05/06/2024 to 20/07/2024	Company Visit
54	Internship	Reliance Retail, Ernakulam	Adivya Valsalan	2023-2024	45days (20/05/2024-04-07-2024)	Company Visit
55	Internship	Atmios technologies and software solutions, Ernakulam	Sooraj sajith	2023-2024	45days (27/05/2024-10/07/2024)	Company Visit
56	Internship	forest industries travancore limited [thaikkattukara aluva]	jagan suresh	2023-2024	45 days 20/05/2024 -03/07/2024	Company Visit
57	Internship	The Kerala State Civil Supplies Corporation, Ernakulam	Kelvin Thomas	2023-2024	45days (28/05/2024-11/07/2024)	Company Visit
58	Internship	Steel industries Kerala , Ltd . Steel Fabrication Unit , Cherthala.	Mary Helen	2023-2024	45 days (01/06/2024 - 20/07/2024)	Company Visit

59	Internship	Mar Sleevea Medicity palai Hospital Kottayam	Rejeena Reji	2023-2024	45days(20/05/2024-02/07/2024)	Company Visit
60	Internship	Agro Bio-Tech Research Centre Ltd Poovanthuruthu,Kottayam	Preethy Jayan	2023-2024	45 days (20/05/2024 - 05/07/2024)	Company Visit
61	Internship	The Kerala State Homeopathic Cooperative Pharmacy	Nashida Y	2023-2024	45 days (03/06/2024-19/07/2024)	Company Visit
62	Internship	oil palm india ltd kodimatha, kottayam	chinchumol Bijoy	2023-2024	45 days(21/05/24-04/07/24)	Company Visit
63	Internship	Camino Group Of Companies	Sanju Thomas	2023-2024	45 days(27-05-24 to 10-07-24)	Company Visit
64	Internship	super team buliders and developer's pathanamthitta	sneha shiny sam	2023-2024	45 days (28/05/24 - 12/07/24)	Company Visit
65	Internship	Esaf edappally	malavikha mani	2023-2024	45days(3/06/2024 - 18/07/2024)	Company Visit
66	Internship	Malanadu Development Society, Parathodu	Akash Johnson	2023-2024	45 days (3/06/24 - 18/07/24)	Company Visit
67	Internship	praga marine pvt Ltd,aroor	Milton pb	2023-2024	45 days(10/0624-19-7-24)	Company Visit
68	Internship	Camino Constructors & Developers, Kakkanad Kochi	Christina Sara Alex	2023-2024	45 days (20/05/24 - 05/07/24)	Company Visit
69	Internship	Autokast Ltd Cherthala	Jayakrishnan ks	2023-2024	45 days(23/05/2024-06/07/2024)	Company Visit
70	Internship	Pankajakasthuri Herbals India P (Ltd), poovachal, TVM	Revathy P S	2023-2024	45 days (20-05-2024) - (03-07-2024)	Company Visit
71	Internship	Hedge Equities Limited	Bijith Krishna P.B	2023-2024	47 Days (20/07/24 - 05/07/24)	Company Visit
72	Internship	Pavizham Healthier Diet Private Limited,Ernakulam	Sreejith PS	2023-2024	45day(3/06/2024-18/07/2024)	Company Visit

73	Internship	Cochin Shipyard Limited	Adithya K.S	2023-2024	45 Days (20/05/24 - 03/07/24)	Company Visit
74	Internship	The Aleppey Co-operative Spinning Mill Ltd, Alappuzha	Vidya Vijayan	2023-2024	45 days (20-05-2024 - 06-07-2024)	Company Visit
75	Internship	Sandhya Development Society, Pala, Kottayam	Adithya A	2023-2024	45 days (20-05-2024) - (04-07-2024)	Company Visit
76	Internship	BEST WOOD products, pezhakkapilly, muvattupuzha	Rijo Mathew Eapen	2023-2024	45 days (03-06-2024) - (18-07-2024)	Company Visit
77	Internship	Quality Food Product Industries, Panavally, Alappuzha	Radhika S	2023-2024	45 days (22-05-2024)-(05-07-2024)	Company Visit
78	Internship	Sakthi Auto ancillary pvt ltd, coimbatore	Mercy S	2023-2024	45 days, (03-06-2024)-(18-07-2024)	Company Visit
79	Internship	Akay Natural Ingredients Private Limited Pathanamthitta	Reuben George John	2023-2024	45 days, (27-05-2024)-(18-07-2024)	Company Visit
80	Internship	panamoottil oil mill Pathanamthitta	Pranav P	2023-2024	45 days, (01-05-2024)-(19-07-2024)	Company Visit
81	Internship	EasyBuy -Landmark Group, Bangalore	Shilpa Sivankutty	2023-2024	45 days, (03/06/2024)-(17/07/2024)	Company Visit
82	Internship	Modern Food Enterprises Pvt. Ltd. , Edappally, Ernakulam	Angel George	2023-2024	47 days (03/06/2024)-(19/07/2024)	Company Visit
83	Internship	S. M Kannappa Automobiles Bangalore	Justin Jacob	2023-2024	45 days (03/06/2024)-(17/07/2024)	Company Visit
84	Internship	S. M Kannappa Automobiles Bangalore	Shon Pearson	2023-2024	45 days (03/06/2024)-(17/07/2024)	Company Visit

85	Internship	KPPL Velloor	Bince Benny	2023-2024	45 days (27/06/2024)-(06/07/2024)	Company Visit	
86	Internship	THANKAMANY CO-OPERATIVE TEA FACTORY	Bibin Benny	2023-2024	45 days (20/05/2024 to 03/07/2024)	Company Visit	
87	Internship	Equal Stories Marketing pvt .ltd	Arun Raj	2023-2024	45 Days(28/5/2024-12/ 7/2024)	Company Visit	
88	Internship	Aster Mother Hospital	Sanjo K Roy	2023-2024	52 Days (20-05-2024 to 10-07-2024)	Company Visit	
89	Internship	Esaf small finance bank	Arun ts	2023-2024	45 days (20/05/2024)-(03-07 -2023)	Company Visit	
90	Internship	Retro Classics Private Limited	Gautham Dileep	2023-2024	45 days (03/06/2024-18/07/2 024)	Company Visit	
91	Internship	Dholphin Rubber industry Kottayam	Sindhura Prakashan	2023-2024	45 days (20/05/2024-05-07-20 24)	Company Visit	
92	Internship	Plantation Corporation Of Kerala Ltd	Yadhukrishna B	2023-2024	45days(01/06/2024- 16/07/2024)	Company Visit	
93	Internship	prakash bus corp kolar	Adarsh cs	2023-2024	45 days (03/06/2024)-(17/07/ 2024)	Company Visit	
94	Internship	RAWMEN INTERNATIONAL PVT LTD	Aswin Sunil	2023-2024	46 days(20/05/24)-(04/ 07/24)	Company Visit	
95	Internship	Welfast Hospital Kottayam	Keerthi Deyalu	2023-2024		Company Visit	
96	Internship	traco cables eranakulam	Athy suresh	2023-2024	45 days (12/6/2024)- (27/7/2024)	Company Visit	
97	Internship	APTIV CONNECTION SYSTEMS INDIA Pvt Ltd	Abin Benny	2023-2024	45 days(1/06/24)-(15/0 7/24)	Company Visit	

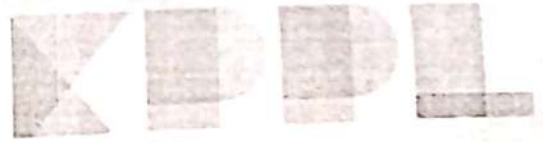
98	Internship	THE ALLEPPEY COMPANY LIMITED	Ibrahim badusha	2023-2024	45 days (20/05/2024) - (03/07/2024)	Company Visit
99	Internship	THE TRAVANCORE COCHIN CHEMICALS LTD.	NOWRIN FATHIMA	2023-2024	45 days (22.05.2024 to 03.07.2024)	Company Visit
100	Internship	The Benleng Company	Mohammed Aslam	2023-2024	45 days (27.05.2024 to 10.07.2024)	Company Visit
101	Internship	Club Mahindra Holidays & Resorts india Ltd	Radhika Radhakrishnan	2023-2024	20/05/2024-05/07/2024 (45 days)	Company Visit
102	Internship	DEVON FOODS LTD	Abhijith Baiju	2023-2024	45 days (20/05/2024) - (03/07/2024)	Company Visit
103	Internship	MIDAS	Akshay Suresh	2023-2024	45 days (23/05/2024 to 08/07/2024)	Company Visit
104	Internship	Camino infotech pvt ltd	Nithin Jacob thankachan	2023-2024	45 days (27/05/2024-10/07/2024)	Company Visit
105	Internship	Dent Care Pvt Ltd	Farsana Sathar	2023-2024	45 Days (23/05/2024 - 06/07/2024)	Company Visit
106	Internship	Ajmi floor mills india pvt Ltd	Nahas k s	2023-2024	45 Days (22/05/2024-13/07/2024)	Company Visit
107	Internship	KCPMC	Joice P Shibu	2023-2024	45 days (20/05/2024-19/07/2024)	Company Visit
108	Internship	avt natural products Aluva	Abdul Rahman	2023-2024	45 days	Company Visit
109	Internship	Torinfotech PVT Ltd, kalamassery, kochi	vishnu selvaraj	2023-2024	47days. (20/05/2024 - 06/07/2024)	Company Visit
110	Internship	Chennattu industries	Sudhy T S	2023-2024	45days 20/5/2024 to 05/07/2024	Company Visit

Pr
NAAC COORDINATR

For
HOD

25/10/24
PRINCIPAL





KERALA PAPER PRODUCTS LIMITED
(A Government of Kerala Undertaking)

KPPL/HR/TRG/INT./1/24

Dt.19/10/2024

CERTIFICATE

This is to certify that Mr. Bince Benny, Second Semester MBA student of Mangalam College of Engineering, Mangalam Hills, Ettumanoor, Kottayam Dist. had undergone 45 days Internship Training in the Finance Department of "Kerala Paper Products Limited" with effect from 27/05/2024.

During the training period he was regular sincere and hard working.

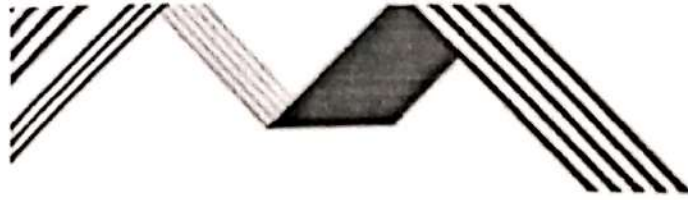


mibe
19/10/2024

AUTHORISED SIGNATORY

Registered Office: Newsprint Nagar P O, Kottayam, Kerala-686 616, India Website : www.keralapaper.in
CIN: U21013KL1983SGC003735 Phone: +91 4829 257100

[Signature]



modern™

MFEL/COK/INT/2024/70

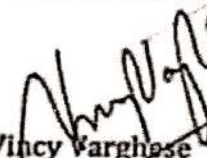
19-07-2024

CERTIFICATE

This is to certify that Ms. Angel George, studying MBA in Mangalam College of Engineering, Ettumanoor, has successfully completed internship at our organization from 3rd June 2024 to 19th July 2024.

We wish her the very best in all future endeavours.

For Modern Food Enterprises Pvt Ltd


Vincy Varghese

Assistant Manager - HR



Modern Food Enterprises Private Limited (Formerly known as Nimman Foods Private Limited)
Works: Edappally P. O. Kochi - 682 024
Registered Office: Office #2, One Horizon Centre, 14th Floor, Sector 63, Golf Course Road, Gurugram, Haryana - 122 002
T: +91-124-4121900 | E: info@modernfoods.co.in | www.modernfoods.co.in

08-07-2024

INTERNSHIP CERTIFICATE

This is to certify that Mr. **Jijo K Chacko** pursuing her MBA from Mangalam College of Engineering has completed an Internship in Sales and Marketing at Quilon Trading Company for a period of 45 days from 22nd May 2024 to 8th July 2024.

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.

We wish him success in all his future endeavors.

For Quilon Trading Company

Sainu John
Propreitor



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: 0477-2258665
MD : 9447158012
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Marketing Dept. : 9946668794
: 9946668795

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Pathirappally P.O., Alappuzha-688 521, Kerala
E-mail-homcokerala@gmail.com Web: www.homcokerala.com


GST: 32AAAJT0881C1ZG, Mfg.Lic.No. 1/25C/78 Dt.16.05.1978,
EM No. 320111200214, Import Export Code No. : 1007001259

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Miss. Nashida Y, 3rd Semester student of Mangalam College of Engineering Ettumanoor, Kottayam., has undergone an internship in the Kerala State Homoeopathic Co-Operative Pharmacy Ltd (HOMCO), from 03rd June 2024 to 19th July 2024.

She is hard-working and her conduct and character during this period was good to my knowledge and belief.

Date: 23.07.2024
Place: Alappuzha


Authorized Signatory







www.abtec.in



Agro Bio-Tech Research Centre Ltd.
Industrial Area, Poovanthuruth P.O
Kottayam - 686012, Kerala, India
office@abtec.in, info@abtec.in
+91 481-2340211, 2341894

Date :15/07/2024

CERTIFICATE

This is to certify that Ms. PREETHY JAYAN (Reg.No.MLM23MBA84) MBA Student of MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR, KOTTAYAM, has completed her SUMMER INTERNSHIP AT AGRO BIOTECH RESEARCH CENTRE LTD., KOTTAYAM" from 20th May 2024 to 5th July 2024.

She has evinced keen interest during the intership.

We wish her all the best in her future academic and professional endeavours



For AGRO BIOTECH RESEARCH CENTRE LTD.



Abu Antony
General Manager

[Handwritten signature]



COMPLETE ORGANIC SOLUTION FOR YOUR PLANTS & SOIL SINCE 1993



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OIL PALM INDIA LIMITED

(A JOINT VENTURE OF THE GOVT. OF KERALA AND THE GOVT. OF INDIA)

REGD. OFFICE: XIV/130, KOTTAYAM SOUTH P.O., KODIMATHA, KOTTAYAM - 686 013, KERALA. PHONE: 2567103, 2567104, 2566222 FAX: 0421-2561442
GST IN: 32AAACO3695G1Z1, CIN: U01133KL1977SGCOO2934 E-mail: mdopil@yahoo.co.in, Web: www.oilpalmindia.com

OP/PD/1794

23.10.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Chinchumol Bijoy, 2nd Year, MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam has undergone 45 days Internship in our organization.

We wish her all the best for her future endeavors.

Yours Faithfully,


SENIOR MANAGER (H.R.D)









OIL PALM INDIA LIMITED

(A JOINT VENTURE OF THE GOVT. OF KERALA AND THE GOVT. OF INDIA)

REGD. OFFICE: XIV/130, KOTTAYAM SOUTH P.O., KODIMATHA, KOTTAYAM - 686 013, KERALA. PHONE: 2567103, 2567104, 2566882 FAX: 0481-2561442
GST IN: 32AAACO3695G1Z1., CIN: U01133KL1977SGCOO2934 E-mail: mdopil@yahoo.co.in, Web: www.oilpalmindia.com

OP/PD/1794

23.10.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Chinchumol Bijoy, 2rd Year, MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam has undergone 45 days Internship in our organization.

We wish her all the best for her future endeavors.

Yours Faithfully,


SENIOR MANAGER (H.R.D)









OIL PALM INDIA LIMITED

(A JOINT VENTURE OF THE GOVT. OF KERALA AND THE GOVT. OF INDIA)

REGD. OFFICE: XIV/130, KOTTAYAM SOUTH P.O., KODIMATHA, KOTTAYAM - 686 013, KERALA. PHONE: 2567103, 2567104, 2566882 FAX: 0481-2561442
GST IN: 32AAACO3695G1ZI., CIN: U01133KL1977SGCOO2934 E-mail: mdopil@yahoo.co.in, Web: www.oilpalmindia.com

OP/PD/1794

23.10.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Chinchumol Bijoy, 2nd Year, MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam has undergone 45 days Internship in our organization.

We wish her all the best for her future endeavors.

Yours Faithfully,


SENIOR MANAGER (H.R.D)









OIL PALM INDIA LIMITED

(A JOINT VENTURE OF THE GOVT. OF KERALA AND THE GOVT. OF INDIA)

REGD. OFFICE, XIII/130, KOTTAYAM SOUTH P.O., KODIMATHA, KOTTAYAM - 686 013, KERALA. PHONE: 2567103, 2567104, 2566882 FAX: 0481-2561442
GST IN: 32AAAC03695G1Z1, CIN: U01123KL1977SGCO02934 E-mail: mdopil@yahoo.co.in, Web: www.oilpalmindia.com

OP/PD/1794

23.10.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Chinchumol Bijoy, 2nd Year, MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam has undergone 45 days Internship in our organization.

We wish her all the best for her future endeavors.

Yours Faithfully,


SENIOR MANAGER (I.L.R.D)





Date 19/07/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Sonu S (MLM23MBA106) of 2023– 2025 Batch. MBA, Student of Mangalam College of Engineering, Ettumanoor has undergone her internship in Human Resources from 03/06/2024 to 19/07/2024. During this period, she has shown keen interest and completed the Internship successfully.

We wish her all the very best in her future endeavors.

For Lifestyle International Pvt Ltd.

(MAX Retail Division)



Hameed K
Manager – Human Resources



max

Lifestyle International Pvt. Ltd.
Max Retail Division,
77 Town Centre, Building No.3, West Wing,
Off HAL Airport Road, Yambur P.O.,
Bangalore - 560 037.
Phone: +91 (80) 41795565
Fax: +91 (80) 41523349
www.maxfashionindia.com
CIN: U73100KA1997PTC0467261



CERTIFICATE OF COMPLETION

Certified that Sooraj Sajith (MLM23MBA107), student of Mangaluru College Of Engineering For Management Studies has completed the Internship as "Organizational Study" offered by ATMIOS TECHNOLOGIES AND SOFTWARE SOLUTIONS from 27.05.2024 to 10.07.2024.



HR Manager

Atmios Technologies And Software Solutions



PAVIZHAM HEALTHIER DIET PRIVATE LIMITED

Koovappady P.O., Perumbavoor, Ernakulam (Dist), Kerala India - 683 544

Ph : +91 484 2649310, Email : Info@pavizhamrice.com, accounts@pavizhamrice.com

CIN-U15421KL2003PTC016354

18th July 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Sreejith P S, MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam has undergone an internship at Pavizham Healthier Diet Pvt. Ltd. From 03rd June 2024 to 18th July 2024.

He has successfully completed the internship and has grasped the various operations related to rice milling.


Authorized Signatory





Mamma Products

Kappumthala, Kottayam - 686 613, Kerala

Managing Partner Mob : 9447783600, 7025174704, Office Mob : 7025519994

E - Mail : summertreaticecream@gmail.com

Ref. No. ST/15,24-25

Date. 19-10-2024

CERTIFICATE

TO WHOM IT MAY CONCERN

This letter is to confirm that Ms. SREELAKSHMI ANIL(Reg. No. MLM23MBA109) , a 3rd semester MBA student at MANGALAM COLLEGE OF ENGINEERING of Dr. APJ Abdul Kalam Technological University, Ettumanoor, Kottayam, completed 45-days (20th May to 3rd July 2024) summer Internship with our company. Throughout this period, she consistently demonstrated punctuality, hardwork, and inquisitiveness, and her performance was exceptional. Additionally, she maintained good behavior throughout the entire period of her study. We wish her all the success in her future endeavors.

MAMMA PRODUCTS

MANAGER

For Mamma Products

Manager



Manufacturers of : "SUMMER TREAT ICE CREAMS"



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THE PLANTATION CORPORATION OF KERALA LTD.

(A GOVERNMENT OF KERALA UNDERTAKING)
REGISTERED OFFICE: KOTTAYAM - 686 004, KERALA

AN ISO 9001 : 2015 CERTIFIED COMPANY

No: P&A/F/ 1632

20.07.2024



CERTIFICATE

This is to certify that **Mr. Yadhukrishna B (Reg No. MLM23MBA116)**, MBA student of Department of Management Studies, Mangalam College of Engineering, Kottayam has underwent and successfully completed an Internship Program in Human Recourse Department of **Plantation Corporation of Kerala Ltd, Kottayam** from 01.06.2024 to 16.07.2024 as a part of fulfilment of his MBA curriculum.

We wish all success in his future endeavours.

For The Plantation Corporation of Kerala LTD.


MANAGER (P&A)







Phone: 0481-2578301, 2578302, 2578303, 2578304. FAX: 0481-2578448, 2575133 (MD)

CIN: UO1119KL1962SGC001997

Web: www.pcklimited.in E-mail: pckltd@bsnl.in



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GFP/24-25 /29

DT:12/07/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. SONA THOMAS (Reg : No: MLM23MBA105) M.B.A Student of MANGALAM COLLEGE OF ENGINEERING , ETTUMANOOR, KOTTAYAM affiliated to (A.P.J Abdul Kalam Technological University (K T U)) successfully completed her internship programme at GRAND FOOD PRODUCTS. MUNDATHANAM, KANGAZHA .She has undergone program for a period of 45 days, from 20/05/24 to 03/07/24. The project work Was completed in time and we appreciate her sincere effort in making it successful. The overall rating for her performance during the Program was good .We wish her all the Very best for her future.

KANGAZHA



For GRAND FOOD PRODUCTS

Authorized Signature



KERALA STATE RUBBER CO-OPERATIVE LTD.

(Rubco Rubberised Coir Mattress Factory)

Rubco Nagar, Poothakuzhi, P.O, Pampady, Kottayam-686 521,
Ph: 91-481-2509257/58, 04812509295, Fax: 91-481-2509258, Toll Free No: 18004259295
E-mail:inforcm@rubcomail.com, www.rubcogroup.com



RUB/RCM/P&A/TPER-02/292-A/85

05.07.2024

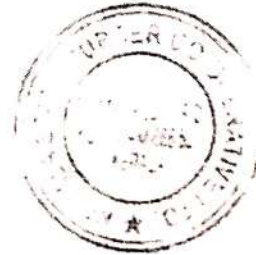
CERTIFICATE

This is to certify that Ms.SURABHIS., Reg.No.MLM23MBA112, MBA Student of Department Of Management Studies Mangalam College of Engineering Kottayam, has undergone Internship Programme as a part of her curriculum, at our Rubberised Coir Mattress Division during the period from 20th May' 24 to 5th July '24.

During the tenure of her study, we found her attentive in her assignments.

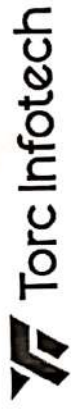
For KERALA STATE RUBBER CO-OPERATIVE LTD.


P C AJITH KUMAR
ADM. CUM PERSONNEL OFFICER



Reg. Office: Rubco House, South Bazar, Kannur-670 002, Kerala State, India
Ph: 91-497-2709749, 2711134, 2711378, Fax: 91-497-2711030, Website: www.rubcogroup.com, E-mail: info@rubcomail.com
Customer Care : 0497 2766640





Certificate of Internship

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Vishnu Selvaraj

2nd semester MBA student of Managalam College of Engineering, Ettumanoor, Kottayam,
successfully Completed his Internship in our company from 20-05-2024 to 06-07-2024. The conduct
and behaviour of the student was found to be good during the entire internship.



TORC INFOTECH PVT LTD,
Chandrabhil Tower, South Kalamassery,
Kochi, Kerala, India - 683104
hr@torcinfotech.com | +91 9895065829



Abhi Krishna
CEO

Akash Anil
CTO





Prakash Bus Corp.

SMK/HL/28

22th Jul 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr Adarsh CS, IInd semester MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam has undergone Internship at Prakash Bus Corporation Pvt Ltd, Kolar 563133, from 04th June 2024 to 19th July 2024

Thanking you

For Prakash Bus Corporation Pvt Ltd

A Martinraj

Sr Manager



Prakash Bus Corp. Pvt. Ltd.

Sy. # 26 & 1, Kondatti Gollahalli Village, Vakkalath Habli, Kolar Taluk, Kolar - 563133 Karnataka, India
Tel +91 80 2221 6229/320 | Fax +91 80 2224 8090 | contact@prakashbus.com | www.prakashbus.com
CIN : U34107KA2013PTC067795



840

Ref No:-HCG/22-23/LH/

Dated:

Certificate Of internship

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Adithya G Nath

2nd semester MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam successfully completed her Internship in our company from 20-05-2024 to 06-07-2024. The conduct and behavior of the student was found to be good during the entire internship.


Augustine Paul
CFO





ASTER MOTHER/HRD/IC/2024/07/09

10/07/2024

CERTIFICATE

This is to certify that Mr. Sanjo K Roy student of Master of Business Administration (MBA), from Mangalam College of Engineering, Ettumanoor has completed his Internship in Aster Mother Hospital Areekode, in the department of Human Resources from 20th May 2024 to 10th July 2024.

Aster Mother Hospital Areekode, an Aster DM Healthcare venture, is one of the leading NABH Accredited multi-specialty hospitals with 300 beds, with all specialties.

During his tenure with us his performance was good. He is a good learner and bears a good moral character.

We wish him success in all his future endeavors.

For Aster Mother Hospital - Areekode.

Krishna Kumar N.

Deputy Manager - HR





MAR SLEEVA[®]
medicity palai

A Temple of Health

A Unit of Palai Diocesan Medical Education Trust, Pala (Reg. No. 28/IV/05)

MSM/HR/RL/2024/215
02-07-2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Rajeena Reji**, student of Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala has done her **Internship** in the Department of **Hospital Operations**, at Mar Sleeva Medicity Palai from **20/05/2024 to 02/07/2024**.

Mar Sleeva Medicity Palai is NABH accredited 650 bedded quaternary care Super Specialty Hospital founded by the Diocese of Palai, catering to an extensive range of 23 specialties and 19 super specialties supported by a proficient workforce.

We wish her all success in her future endeavors.

For Mar Sleeva Medicity Palai,


Justine Thomas
Chief Executive Officer







Ph: (04822) 359 900 & 269 500 / 700

✉ mail@marsleevamedicity.com

🌐 marsleevamedicity.com

connect on: 

Cherpunkal, Kezhuvankulam P.O Pala 686 584, Kottayam Dt., Kerala, India



Scanned with OKEN Scanner

Travancore Sugars & Chemicals LTD

Valanjavattom po, Thiruvalla 689104

Certificate of Internship

This certificate is Presented to

Mr. AKHIL SHAJI


REG. NO. MLM23MBA11, MBA, MANGALAM COLLEGE OF ENGINEERING,
KOTTAYAM

We are happy to certify that he has completed his Internship at
the Travancore Sugars and Chemicals LTD
from 20.05.2024 to 03.07.2024.

We appreciate his work and contribution



TSCL/Isnip/2024-061 05.07.2024


Manager (P&A) I/c





HIGHRANGE
Home Appliances

○ CITYPLAZA BUILDING
KATTAPPANA
○ office highrange@gmail.com
○ 04868 250259, 965 665 0259
GST IN 32APSPR0620N1ZL

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. AKSHAYA AJITH, the second year MBA student of MANGALAM COLLEGE OF ENGINEERING Ettumanoor has successfully completed 264 hours of internship at this institution during the period between 16-5-2024 to 30-6-2024.

She has become familiar with the "Organizational structure and working of different department in the company" during this period. During the internship, we found her character and conduct to be good

Wishing her all the very best in future endeavors.

HIGHRANGE HOME APPLINCES

SIGNATURE

COMPANY SEAL



07.2024

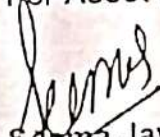
INTERNSHIP CERTIFICATE

This is to certify that Ms. Arya Purushothaman pursuing her MBA from Mangalam College of Engineering has completed an Internship in Sales and Marketing at Asset Homes Pvt Ltd for a period of 45 days from 20th May 2024 to 6th July 2024.

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

We wish her success in all her future endeavors.

For Asset Homes Pvt. Ltd


Seema Jayadevan
AGM-HR & Admin



Date: 05-07-24

CERTIFICATE OF INTERNSHIP

This is to certify that **ASHNA ZAKIR** (Reg. No: MLM23MBA30), a student of Master of Business Administration at Mangalam College of Engineering, Ettumanoor, has successfully completed an internship programme in our HR Department. The internship lasted for a duration of 45 days, commencing from **22-05-24** and concluding on **05-07-24**.

During the period of internship, she could learn and assist us in preparing registers and files of each employee. She was involved in HR activities, data collection, administration etc. She exhibited initiative and enthusiasm in her work, actively participating in all assigned activities and proved herself to be talented with a strong passion for her chosen field. Her commitment to learning and professional growth was evident throughout the internship period.

We extend our best wishes to Ashna for all her future endeavours. May she continue to excel in her academic pursuits and professional career.



For ALBA Fashions Pvt.Ltd.


Managing Director

Moosakunju KA

Managing Director



● ● ● ●
Alba Fashions Private Limited

Near Railway Gate, Chengolappadam, Mulanthuruthy,
Ernakulam(Dist), Kerala - 682314

9061 17 0000

www.albafashions.com



THE TRAVANCORE CEMENTS LIMITED

(A GOVT. OF KERALA UNDERTAKING)



IS 1150 5001



09.07.2024

PD/44

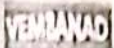
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. ASHWANI SOMAN, MBA student, Mangalam College of Engineering, Mangalam Hills, Ettumanoor P.O., Kottayam - 686631 had undergone an "INTERNSHIP TRAINING" in the Account Section of our Company during the period from 20.05.2024 to 03.07.2024 as part of her curriculum.

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

FOR THE TRAVANCORE CEMENTS LTD.,

DY. GENERAL MANAGER (P&A)





THANKAMANY CO-OPERATIVE TEA FACTORY

(A Unit Of Thankamany Service Co-Operative Bank Ltd)

Thankamany P.O 685 609 Ph : 9188385306, 8606998753

Email : tscbteafactory@gmail.com, sahya@thankamanyscb.com

Website:www.sahyatea.com

12.07.2024

THANKAMANY

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Bibin Benny , MBA student of Mangalam College of Engineering , Mangalam Hills Ettumanoor ,Kottayam, has successfully participated in the internship in our Tea Factory for the period of 20/05/2024 TO 03/07/2024.



For Thankamany Co-Operative Tea Factory





CERTIFICATE — of excellence —

This is to certify that *Ms. Devapriya Bala* has completed the internship program
at Sensations Solutions for the role of *Human Resource*
from *20/5/24* to *12/7/24*.

We wish her/him all the best for the future endeavors.

FOR SENSATIONS SOLUTIONS



DATE

SIGNATURE



OIL PALM INDIA LIMITED

(A JOINT VENTURE OF THE GOVT. OF KERALA AND THE GOVT. OF INDIA)

REGD. OFFICE: XIV/130, KOTTAYAM SOUTH P.O., KODIMATHA, KOTTAYAM - 686 013, KERALA. PHONE: 2567103, 2567104, 2567222 FAX: 0481-2561442
GST IN: 32AAAC03695G1Z1., CIN: U01133KL1977SGCOO2934 E-mail: mdopil@yahoo.co.in, Web: www.oilpalmindia.com

OP/PD/1794

23.10.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Chinchumol Bijoy, 2nd Year, MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam has undergone 45 days Internship in our organization.

We wish her all the best for her future endeavors.

Yours Faithfully,


SENIOR MANAGER (H.R.D)







HIGHRANGE FOODS PVT. LTD.,

IX/119, Panamattom Temple Road, Panamattom P.O.,
Ponkunnam, Kottayam, Kerala-686522.
CIN:U15205KL1987PTC004739, GST No:32AAACH6076L1ZH
Tel: 04028-297155, E-mail: hrp.manager@lazza.co.in

Date: 03rd JULY, 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Amrutha (Reg.no:MLM23MBA15), a student of Master of Business Administration from Department of Management studies Mangalam College of Engineering, Ettumanoor has successfully completed Summer Internship in our company from 20-05-2024 to 03-07-2024.

We found she is extremely inquisitive, hardworking and very much interested to learn the functions and practices of our organization. Her association with us was very fruitful and we wish her all the best in her future endeavors.

Thanking you,

Yours truly

For Highrange Foods (P) Ltd.,

Authorized Signatory
Manager



Administrative Office : 28/3030, Cheruparambath Road, Near Old Post Office, Kadavanthra ,Cochin- 20



PMW: HRD



TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.Noel Philip**, (USN No: MLM23MBA80) a MBA student at Mangalam College of Engineering, has successfully completed an Internship with us from **20/05/2024** to **06/07/2024**, at our Hyundai Showroom, Kottayam.

For **POPULAR MOTOR WORLD PVT.LTD**



SENIOR MANAGER - HUMAN RESOURCES.

**THE KERALA STATE HOMOEOPATHIC
CO-OPERATIVE PHARMACY LTD. (HOMCO)**



Office : 0477-2258012
: 0477-2258665
MD : 9447158012
Production Dept. : 9946668792
Marketing Dept. : 9946668794
: 9946668795

GMP Certified
(Reg.No. T-432). XII/37-39, Mararikulam South
Pathirappally P.O., Alappuzha-688 521, Kerala
E-mail-homcokerala@gmail.com Web: www.homcokerala.com

GST: 32AAAJT0881C1ZG, Mfg.Lic.No. 1/25C/78 Dt.16.05.1978,
EM No. 320111200214, Import Export Code No. : 1007001259


TO WHOM SOEVER IT MAY CONCERN

This is to certify that Miss. Nashida Y, 3rd Semester student of Mangalam College of Engineering Ettumanoor, Kottayam., has undergone an internship in the Kerala State Homoeopathic Co-Operative Pharmacy Ltd (HOMCO), from 03rd June 2024 to 19th July 2024.

She is hard-working and her conduct and character during this period was good to my knowledge and belief.

Date: 23.07.2024
Place: Alappuzha




Authorized Signatory





THE WORLD'S
FAVOURITE
INDIAN

ROYAL MOTORS


05th October 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Manu Renjith (Reg No. MLM23MBA65), 2ND year MBA student from Mangalam College of Engineering, Ettumanoor has been successfully completed the internship Project for 42 days. He handled the assignments entrusted effectively. His conduct and character during the period were good.

We wish all the best in his future career.

For ROYAL MOTORS


SURESH C BABU
Manager - HRD



KOTTAYAM | IDUKKI | COCHIN

ROYAL TOWER,
Nattakom P.O., Kottayam
Ph: 0481-2361341, 2361342,
E-mail: d10594@baldealer.com

Mangattukavala 4 Lane Bye - pass,
Vengalloor P. O. Thodupuzha - 685 608
Ph : 9446491337
E-mail : d10839@baldealer.com

Container Road, Signal Jn., Manjummel,
Chernallur P.O., Ernakulam - 682 034
Ph: 0484 2433555, 2434555
E-mail: d13020@baldealer.com





CIN-U27310KL1984SGC003975

ആട്ടോകാസ്റ്റ് ലിമിറ്റഡ്

(ഒരു കേരള സർക്കാർ സ്ഥാപനം)

Autokast Ltd

(A Government of Kerala Undertaking)

RDSO Approved
Class 'A' Foundry



ISO 9001 : 2015

AKL/PER/17A

11/07/2024

CERTIFICATE

This is to certify that Mr. Jayakrishnan K S, IInd semester MBA student of Managalam College of Engineering, Ettumanoor, Kottayam has successfully completed "INTERNSHIP" in our company during the period from 23/05/2024 to 06/07/2024 as part of his curriculum.

He was found to be sincere in his studies.

For AUTOKAST LTD,


11/07
MANAGER (HRD&A)





എസ്.എൻ.പുരം പി.ഒ., ചേർത്തല, ആലപ്പുഴ, കേരളം, സൗത്ത് ഇന്ത്യ. പിൻ - 688 582
S.N.Puram P.O., Cherthala, Alappuzha (Dist.), Kerala, South India Pin - 688 582
Phone : 0478-2864961 to 64, 2864892. Fax : 0478-2862497
Email : autokastoffice@gmail.com, Website : www.autokast.com



TIRUVALLA MEDICAL MISSION

TMM/HRD/OBS-031

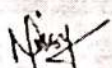
02/07/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Aryalakshmi C S, MBA student of Mangalam College of Engineering, Ettumanoor has completed her Internship of 45 Days in the Department of Human Resource of Tiruvalla Medical Mission from 20-May-2024 to 03-Jul-2024. During this period of training with us she was found punctual, hardworking and inquisitive.

Tiruvalla Medical Mission, established in 1935, stands as a testament to our enduring commitment to providing exceptional healthcare services rooted in love and compassion. With 400 beds and entry-level accreditation from the NABH, TMM has consistently strived to exceed the highest standards in healthcare delivery.

For Tiruvalla Medical Mission,


Nissy Kapan
Deputy HR Manager



The Dewan Bahadur Dr. V Verghese Hospital Trust Association, PB No 74, Tiruvalla, Kerala 689101, India

☎ 0469 2626000, 2626262

✉ contact@tmmhospital.org

🌐 www.tmmhospital.org



SMK/HL/27

22th Jul 2024**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr Shon Pearson, IInd semester MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam has undergone Internship at SM Kannappa Automobiles Pvt Ltd, Peenya, Bangalore 58, from 04th June 2024 to 19th July 2024

Thanking you

For SM Kannappa Automobiles Pvt Ltd



A Martinraj

Sr Manager





THE ALLEPPEY CO-OPERATIVE SPINNING MILLS LTD.

(An ISO 9001:2015 Certified Company)
Govt. of Kerala Undertaking

ACSM GM/705/2024-25

06 July 2024

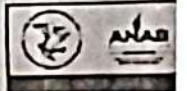
CERTIFICATE

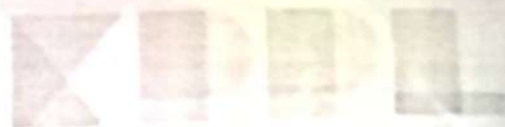
This is to certify that Ms. Vidya Vijayan, MBA student of Mangalam College of Engineering, Ettumanoor has successfully completed her Internship training in our HR Department, for a period of 45 days from 20.05.2024 to 06.07.2024.

We wish her all success in future.

For Alleppey Co-operative Spinning Mills Ltd.

General Manager/CEO





KERALA PAPER PRODUCTS LIMITED
(A Government of Kerala Undertaking)

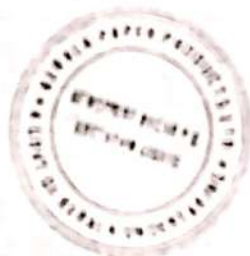
EPPL/HR/TRG/INT./1/24

Dt 19/10/2024

CERTIFICATE

This is to certify that Mr. Bince Benny, Second Semester MBA student of Mangalam College of Engineering, Mangalam Hills, Ettumanoor, Kottayam Dist. had undergone 45 days Internship Training in the Finance Department of "Kerala Paper Products Limited" with effect from 27/05/2024.

During the training period he was regular sincere and hard working.



miba
19/10/2024

AUTHORISED SIGNATORY

[Handwritten signature]

Registered Office: Newsprint Nagar P.O, Kottayam, Kerala-686 616, India Website : www.keralapaper.in
CIN: U21013KL1983SGC003735 Phone: +91 4829 257100





KERALA PAPER PRODUCTS LIMITED
(A Government of Kerala Undertaking)

KPPL/HR/TRG/INT./1/24

Dt.19/10/2024

CERTIFICATE

This is to certify that Mr. Bince Benny, Second Semester MBA student of Mangalam College of Engineering, Mangalam Hills, Ettumanoor, Kottayam Dist. had undergone 45 days Internship Training in the Finance Department of "Kerala Paper Products Limited" with effect from 27/05/2024.

During the training period he was regular sincere and hard working.



mibe
19/10/2024
AUTHORISED SIGNATORY

[Signature]

Registered Office: Newsprint Nagar P O, Kottayam, Kerala-686 616, India Website : www.keralapaper.in
CIN: U21013KL1983SGC003735 Phone: +91 4829 257100

OE-IS-24-38

7 July 2024

TO WHOMSOEVER IT MAY CONCERN

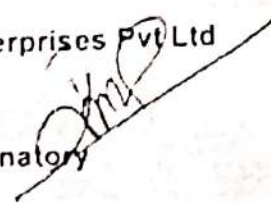
This is to certify that Mr Sanjay S student of Mangalam College of Engineering Kottayam has successfully completed his internship in our Marketing Department in Davean Enterprises Thripunithura from 20/05/2024 to 05/07/2024 with reference to the partial fulfillment of Master of Business Administration Program

We wish him the very best in all his future endeavors

Thanking you

With Regards

for Davean Enterprises Pvt Ltd

Authorized Signatory 





MRF

MRF Limited, P.B. No. 2, Vadavathoor P.O. Kottayam - 686 010.
Tel: 2570461 to 2570470 / 2575196 / 2575197 / 2575198 / 2579400 to 2579699
STD: 0481 DID: 2579 + 3 digit Ext. No. Fax:2570670
E-Mail: mrf012@sancharnet.in CIN : L25111TN1960PLC004306

20.07.2024


TO WHOMSOEVER IT MAY CONCERN

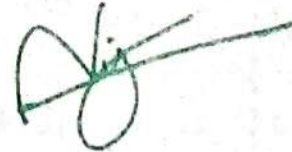
This is to certify that Mr. Joyal Thomas a student of "Department of Management Studies", Mangalam College of Engineering, Ettumanoor, Kottayam, has done his internship at MRF Kottayam plant for a period of 45 days starting from 20.05.2024 to 04.07.2024 as a pre-requisite for MBA program.

During the period of his association with us, we found him sincere and hardworking.

We wish him all the best for his future endeavors.

Thanks & regards,
For MRF Limited


Joshy Joseph
Senior Human Resources Manager



Registered Office : No. 114, Greaves Road, Chennai - 600 006
Website: www.mrf tyres.com



malanadu development society

REG No. K 201/1977 -
TCLSC Societies Act XII of 1955
Parathodu P.O | Kanjirapally
Kottayam District | Kerala
INDIA - 686 512

GSTIN : 32AADTM5817G1ZQ
T|+91-4828 270256,270456
E|malanadu.org@gmail.com
W|www.malanad.org

CERTIFICATE

This is to certify that Mr. Akash Johnson, MBA Student (Reg. No.MLM23MBA10) from your college has successfully completed his Internship for 45 days at Malanadu (Malanadu Development Society), Kanjirapally, Kottayam District, Kerala during the period from 03.06.2024 to 18.07.2024.

This is for your kind information.

Thanks and regards,



Nelwin C Joy

Project Guide



Parathodu,
08.10.2024.



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms SNEHA SANTHOSH (Roll No: MLM23MBA102) MBA Student of Department of Management Studies, Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed her internship at our Human Resources Division, Kottayam, from May 20, 2024 to July 14, 2024.

We wish her good luck in all her future endeavours.

for The Malayala Manorama Co. Private Ltd.



Suresh Pillai
Vice President, Human Resources

Date : July 23, 2024

Place : Kottayam



Internship Certificate

This is to certify that Ansu Babu has successfully completed an internship at Digi Suidha Pvt Ltd from 20/05/2024 to 04/07/2024.

During this period, she worked in the Marketing Department and was involved in various tasks, including:

1. Business Related Content Creation
2. Emailed Proposals to Potential Sponsors
3. Marketing Research and Competitive Analysis
4. Data Sorting
5. Studied Company Services.
6. Allocated Students for the event
7. Contacted Potential Sponsors and Conducted Follow up calls

Ansu Babu demonstrated a high level of professionalism, diligence, and skills in Business Management, Customer Relationship, Research Analysis Etc. She showed a keen willingness to learn and contributed positively to the team's objectives.

We wish Ansu Babu all the best in her future endeavours.



Aryakutty Shaji
HR and Administration Manager



04.07.2024



CHIHS/HR/2216/24
15 July 2024


TO WHOM IT MAY CONCERN

This is to certify that Mr. Jibu P Biju, IInd semester MBA student of Mangalam College Engineering, Ettumanoor, Kottayam has undergone Internship in the Department of Human Resources, Caritas Hospital, Thellakom, Kottayam from 01 June 2024 to 15 July 2024.

Caritas Hospital is NABH accredited 655 bedded tertiary care hospital.

Thanking you

For Caritas Hospital & Institute of Health Sciences


Mr. Clorosh Joseph
Chief Human Resources Officer



Thellakom P.O. Kottayam 686 630, Kerala, India | T: +91 401-279 00 25-29 |
E-mail: hr@caritashospital.org | caritashospital.org | www.caritashospital.org

LUNAR RUBBERS PRIVATE LIMITED



CERTIFICATE

This is to certify that Mr. JINO THOMAS, (Reg.No.MLM23MBA52) Student of Mangalam College of Engineering, Kottayam has undertaken a internship on the topic organization study at 'Lunar Rubbers PVT LTD'. Thodupuzha from 10.06.2024 to 19.07.2024 with necessary guidance from our Office. We wish his all success.

Thodupuzha,

07.08.2024




Managing Director





Matha Shopping Arcade, Thodupuzha, Kerala - 685 584, India, Ph: Office: +91 4862 - 222474, 224116

Fax : +91 4862 - 223540, e-mail: info@lunars.com, www.lunars.com

CIN : U25199KL1993PTC006904





10.08.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. JITHIN SHAJI pursuing *Master of Business Administration* from MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR has undergone *Internship* in Marketing Department at BERGER PAINTS INDIA LTD, KOTTAYAM DEPOT. from 27th May 2024 to 5th July 2024.

We wish Mr. JITHIN SHAJI, all the best for his future


Regards,
Zenith S
Depot. Manager
Berger Paints India Limited





BERGER PAINTS INDIA LIMITED
Chakalayi Building NO. XU13A, 47/4, Block 23, Vijayapuram Gram Panchayath Vadayathoor P.O. Kottayam, pin 686010
Regd. Office : Berger House, 129, Park Street, Kolkata - 700 017, Phone : 2229 9724-28, 2229 6005-08, Fax : 91-33-2249 9009/9729, www.bergerpaints.com
CIN - L51434WB1923PLC004793, E-mail : consumerfeedback@bergerindia.com

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 Scanned with OKEN Scanner

KOCHI METRO RAIL LIMITED

A 50-50 Joint Venture of Govt. of India & Govt. of Kerala

KMRL/HR/CERTIFICATE/2024

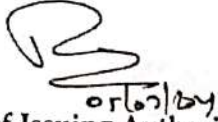
05.07.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Joji Sibi**, MBA student of Mangalam College of Engineering, Kottayam has successfully completed his internship training in HR department of Kochi Metro Rail Limited (KMRL) for the period from 20.05.2024 to 05.07.2024.

We wish him all success in his future endeavours.




Signature of Issuing Authority with Seal

Ratheesh. S
Deputy General Manager-HR
Kochi Metro Rail Limited
Kochi - 682017



12th August 2024

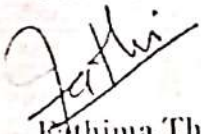
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Ashiyamol P S student of Mangalam College of Engineering, Ettumanoor has successfully completed the internship program in Human Resource Department at DC Books, Kottayam from 10th June 2024 to 19th July 2024.

During her internship with us she was found hard working and inquisitive

We wish her all the success in her future.

For DC Books,



Fathima Thajudheen

Senior Manager-IIR







www.abtec.in



Agro Bio-Tech Research Centre Ltd.
Industrial Area, Poovanthuruth P.O
Kottayam - 686012, Kerala, India
office@abtec.in, info@abtec.in
+91 481-2340211, 2341894

Date :15/07/2024

CERTIFICATE

This is to certify that Ms. PREETHY JAYAN (Reg.No.MLM23MBA84) MBA Student of MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR, KOTTAYAM, has completed her SUMMER INTERNSHIP AT AGRO BIOTECH RESEARCH CENTRE LTD., KOTTAYAM" from 20th May 2024 to 5th July 2024.

She has evinced keen interest during the intership.

We wish her all the best in her future academic and professional endeavours



For AGRO BIOTECH RESEARCH CENTRE LTD.


Anthu Antony
General Manager

COMPLETE ORGANIC SOLUTION FOR YOUR PLANTS & SOIL SINCE 1993



Scanned with OKEN Scanner

Date: 05.08.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Sandra Kunjumon**, student of **Mangalam college of Engineering Ettumanoor Department of Management studies, Kottayam** has completed her internship at **Reliance Fashion & Lifestyle Store** from 22nd May 2024 to 15th Jul 2024 as part of their **MBA** course curriculum.

The topic assigned was "**Store Operations**" and she is found to be sincere and enthusiastic in collecting various information for completing the work.

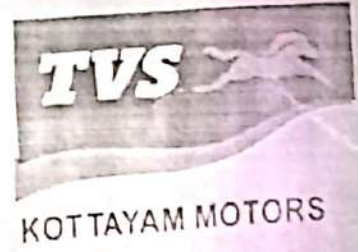
We wish her all the best in future endeavors.

For Reliance Retail Ltd.

M. Kathiravel

Authorized Signatory





TO WHOM SO EVER IT MAY BE CONCERN

This is to certify that the Ms. SARANGA SAJAN, the First year MBA student of MANGALAM COLLEGE OF ENGINEERING, MANGALAM HILLS, ETTUMANOOR has successfully completed 45 days of internship in this institution during the period between 20.05.2024 to 13.07.2024

She has become familiar with the "Organizational structure and working in different department in our company". During this internship we found her character and conduct good.

We wish her every success in all her future endeavours.

Thanking you

Yours Sincerely
For Kottayam Motors Pvt Ltd.

Authorised Signatory



Thamarappalil Building, Cement Junction, Nattakom P.O., Kottayam - 686013.
Ph 0481 2361727, 2361737, E-mail:- kottayamtvsg@gmail.com

08-07-2024

INTERNSHIP CERTIFICATE

This is to certify that Mr. Jijo K Chacko pursuing her MBA from Mangalam College of Engineering has completed an Internship in Sales and Marketing at Quilon Trading Company for a period of 45 days from 22nd May 2024 to 8th July 2024.

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.

We wish him success in all his future endeavors.

For Quilon Trading Company

Sainu John
Propreitor





NIRAPARA ROLLER FLOUR MILLS (P) LTD.

INDUSTRIAL NAGAR
CHANGANACHERRY
KERALA - 686 106

Phone : (F) 2722416, 2727316, 2724089
(R) 2728416

Mobile : 9447000416

Fax : 0481 - 2724089

E-mail :- nirachry@gmail.com

CIN - U15311KL198SPTC005025

Date ..03-07-2024

CERTIFICATE

This is to certify that Ms. Snehavally A K a bonafide student of MBA in Mangalam College Of Engineering, Ettumanoor, Kottayam have successfully completed the Internship Study in our concern from 20-05-2024 to 03-07-2024 as a part of her curriculum.

During the period we found her inquisitive and observant.

We wish her all success.

For Nirapara Roller Flour Mills (P) Ltd.


Managing Director





prakash



S. M. Kannappa Automobiles (P) Ltd.
(Specialists In Super Deluxe Coaches)

ISO 9001:2015 CERTIFIED COMPANY

CIN : U34100KA1975PTC002833



SMK/HL/26

22th Jul 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr Justin Jacob, IInd semester MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam has undergone Internship at SM Kannappa Automobiles Pvt Ltd, Bangalore 27, from 04th June 2024 to 19th July 2024

Thanking you

For SM Kannappa Automobiles Pvt Ltd

A Martinraj

Sr Manager





El Sol Power Solutions Pvt Ltd
Kackanattu Building,
Mathumoola
Changanacherry, Kottayam
Ph: 9544063924, 9496379203
elsolpowersolutions@gmail.com
www.elsol.co.in

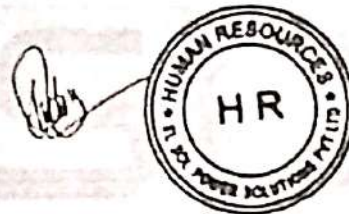
20/07/2024

Changanacherry

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Linamol Sabu (MLM23MBA63) the second year MBA student of MANGALAM COLLEGE OF ENGINEERING ,ETTUMANOOR KERALA had successfully completed 45 days internship in our firm , during the period between 20th May 2024 to 13th July 2024 .

During the internship ,we found her character and conduct to be good .Wishing her all the very best in future endeavors.



Ms. JUBI THOMAS
HR MANAGER

EL SOL POWER SOLUTIONS PVT LTD
hr@elsol.co.in



സ്റ്റീൽ ഇൻഡസ്ട്രിയൽസ് കേരള ലിമിറ്റഡ്

(ഒരു കേരള സർക്കാർ സ്ഥാപനം)

STEEL INDUSTRIALS KERALA LIMITED

(A Government of Kerala Undertaking)

STEEL FABRICATION UNIT

CIN: U27106KL1975SGC002656, GST No: 32AAECS2705F1ZV

S.N. PURAM-688 582, CHERTHALA, ALAPPUZHA DIST., KERALA

Phone : 0478-2864745, 2864742 E-mail : silksfu@gmail.com

SILK/SFU/01/2024-25/174

22/07/24

CERTIFICATE

This is Certify that. Ms. MARY HELEN (Reg:no:MLM23MBA67)- second semester MBA student of Mangalam College of Engineering and Management Studies Ettumanoor, Kottayam had successfully completed an Internship for a period of 45 days from 01/06/24 to 22/07/24 as a part of her MBA studies. During this period she had actively associated with the overall operations of the company including Finance, H.R.D. Marketing, Purchase & Sub contracts departments with proper guidance and directions of our officials.

We wish her every success in her future endeavors.

for SILK STEEL FABRICATION UNIT,

Manager (Technical)

Regd. Office: Athani P.O., Mulangunnathukavu, Thrissur - 680 581. Units at : Azhikkal (Kannur), Beypore (Kozhikode) Thuravoor (Alappuzha) and Ottappalam (Palakkad).





Administrative Office:

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

METROLLA STEELS PRIVATE LTD

An ISO 9001 Certified Company

Date: 26.07.2024

Ref: TCP/PW/14/2024-25

CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. Meenu M Nair (Reg No. MLM23MBA68), MBA student of Mangalam College of Engineering, Ettumanoor had done an Internship in our organisation for a period of 45 days. The period of Internship was from 3rd June 2024 to 18th July 2024. She was found to be very sincere during the training period.

Thanking you,
Yours faithfully,



For Metrolla Steels Private Limited
(HR Department)

Factory:

Pezhakkappilly P.O, Paipra, Muvattupuzha-686674,
Ernakulam (Dist.), Kerala, India.
Tel: 9447065360
E-mail: metcon@gmail.com
Web site: www.metconindia.com



**THE PRIYADARSINI CO-OPERATIVE
SPINNING MILLS LTD. NO. IND HT (ST) 3**

MEENADOM P. O., KOTTAYAM - 686 516, PH: 0481- 2556744, 2556037, 2556745
E-mail: priyadarsinicoopmills@gmail.com, pricomills03@gmail.com



PRICO MILLS/ 265 / 2024-25




Date:17.07.2024

TO WHOM IT MAY CONCERN

This is to certify that Ms.Mekha P S, First Year MBA Student of Mangalam College of Engineering Ettumanoor, has successfully completed her " summer internship study " from 27-05-2024 to 10.07.2024 in our organization. We wish her all success.

FOR THE PRIYADARSINI CO-OPERATIVE
SPINNING MILLS LTD


MANAGER (ACCOUNTS)



EVM Motors

GSTIN: 32AACCE0045L1Z1

CTN: U50102KL2008PTC022736



25 July 2024

Certificate

This certificate verifies that **Ms Merin Susan Joseph**, a Master of Business Administration (MBA) student from Mangalam College of Engineering, Ettumanoor, successfully completed an internship at **EVM Motors and Vehicles India Pvt Ltd** in the HR department. The internship duration was from May 22, 2024, to July 20, 2024.

We wish her all success in her future endeavours:

For **EVM Motors & Vehicles India Pvt Ltd**,


29/07/2024.

Vineeth S Panicker

Human Resources Officer





EVM Motors & Vehicles (I) Pvt. Ltd.

Building No. XII/796 to 799, MC Road, Thellakom PO, Kottayam, Kerala - 686630

Tel: 0481 2011555





milma

Ernakulam Regional Co-operative Milk Producers' Union Ltd.

KOTTAYAM DAIRY, VADAVATHOOR P.O., KOTTAYAM - 686 010

(AN ISO 9001-2015 and ISO 22000 : 2005 Certified Company)

GST NO.32AAAAE0621L1Z9

Ph:0481 2578764,2578112, E-mail: ercmpukd@milma.com

NO: KD/P&A2/52/2024/ 4597

07.09.2024

CERTIFICATE

This is to certify that Ms. Vidhyamol PV, MBA Student of Mangalam College of Engineering - Ettumanoor, has undergone In-Plant Training/ Internship Work at Kottayam Dairy, Milma Vadavathoor for a period from 20.05.2024 to 05.07.2024. During the period her character and conduct were found good.



Ad
DAIRY MANAGER
KOTTAYAM DAIRY

To,

Whomsoever it may concern

[Signature]





UTCL/CBT/HR/2024

18th July, 2024

CERTIFICATE

This is to certify that Mr. Nandu Krishna, MBA (Sem-2) student of Mangalam College of Engineering, Ettumanoor did his Internship in our organization from 3rd June, 2024 to 18th July, 2024.

During the tenure of his internship, he has evinced keen interest in learning and understanding the functioning of various departments like HR & Admin, Commercial, Mechanical, Electrical & Instrumentation, Quality Control and Logistics, etc.

We wish him a bright future and success in his studies.

For UltraTech Cement Ltd
(Unit: Cochin Bulk Terminal)

A handwritten signature in black ink, appearing to read 'Peter Vincent'.

Peter Vincent
Dy. Manager (HR)

A handwritten signature in green ink, appearing to be a stylized name.

Ref: LULUTVM/MALL/HR/2024/1619

15th July 2024

TO WHOM IT MAY CONCERN;

This is to certify that **Mr. NIJO MATHEW**, student of Mangalam College of Engineering, Kottayam, has successfully completed his Internship in Marketing Department in Lulu International Shopping Mall, Trivandrum from 29.05.2024 to 11.07.2024 with reference to the partial fulfilment of the Master of Business Administration Program.

We wish him the very best in all his future endeavours.

Thanking You,

With Regards
For Lulu Group International


Hari Krishnan R
Manager-HR



Ref : NPL/ACA/2024
Date : 13th June, 2024

Dr. Tomy Mathew
Head of the Department
Mangalam College of Engineering,
Ettumanoor, Kottayam - 686 631

Sub. : Internship

Dear Sir,

With reference to your letter requesting for a Internship for your student, we are happy to invite Mr. Abdul Rahman M Haneefa of your institute to undertake a Internship as part of his curriculam in our factory at Vazhakulam from May, 2024 to June, 2024.

AVT NATURAL PRODUCTS LTD
KAIPPOORIKARA, SOUTH VAZHAKULAM
MARAMPILLY P.O., ALUVA - 683 105
PHONE : 0484 - 2648240

Yours faithfully



For AVT Natural Products Limited.,



Vibin Kumar S
Assistant General Manager - HR & Administration



Devon Foods Limited
5/732 Industrial Estate
Ettumanoor PO, Kottayam-686 631
Tel.No. +91 481 2539720, 2539730, 2539
E-mail: info@devonfood.com

23rd July 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that ABHIJITH BAIJU, student of MANGALAM COLLEGE OF ENGINEERING has successfully completed internship program on "HUMAN RESOURCE" offered by DEVON FOODS LTD from 20.05.2024 to 03.07.2024.

For Devon Foods Ltd,



Authorized Signatory

• APTIV •

To,
Dr. Tomy Mathew
HOD, Dept of Management Studies
Mangalam College of Engineering

21/10/2024

This is to certify that Abin Benny, 2nd Semester MBA student at Mangalam College of Engineering, has completed his Internship in our Cochin Manufacturing Unit from 1st June 2024 to 15th July 2024.

His conduct and interest in learning various aspects connected with his study was found to be good.

For APTIV Connection Systems India Private Ltd.



Manoj Kumar. P.R
Director HR & Administration
Aptiv Connection Systems India





SANDHYA DEVELOPMENT SOCIETY



KODUMPIDY P.O., PALA, KOTTAYAM DT. - 686 651
Reg. No. K. 486/01. Phones : 04822 - 247138, 247880, 248461, 248478 E-mail : vicibsandhya@gmail.com

Ref. No. 265/2024

Date...15/07/2024...

To Whomsoever It May Concern

This is to certify that Ms. ADITHYA A. 2nd Semester MBA student of MANGALAM COLLEGE OF ENGINEERING ETTUMANOOR has undergone "INTERNSHIP" in our organization with effect from 20th May 2024 to 04th July 2024.

During the tenure of her Internship programme with us she was found to be sincere, and committed.

We wish all success in her future endeavours.



For SANDHYA DEVELOPMENT SOCIETY
KODUMPIDY


Secretary





CERTIFICATE

No. TRG/030/2474(1)/2024-2630

03 July 2024

1. Name of Student : ADITHYA K S
2. Course & Branch of Study : MBA
3. College Name : Mangalam College of Engineering
4. Nature of Training : Internship
5. Period of Training : 20.05.2024 to 03.07.2024
6. Leave Taken : Nil
7. Department/s of Training : Finance, Safety & Training Institute
8. Conduct / Performance : Good



A Vettrisekvan

Deputy General Manager (Trg., SD & METI)

Jul/11R/2024/05

Date: 06-Aug-2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. ADITYA VALSALAN, REG NO: MLM23MBA08 student of Mangalam College of Engineering, Ettumanoor, Kerala has successfully completed his 45 days internship program in HR Department at RELIANCE RETAIL LIMITED, Chandrika Chambers, S A Road, Vytilla, Ernakulam, Kerala from 20 May 2024 to 04 July 2024.

During the period we found him/her to be sincere, disciplined and hardworking.


Authorized signatory





Reliance Retail Limited (Formerly Reliance Fresh Limited), 29/1338, Chandrika Chambers, S. A. Road, Vyttila, Kochi - 68
Phone : +91-484-4025568 CIN : U01100MH1999PLC120563

Registered Office: 3rd Floor, Court House, Lokmanya Tilak Marg, Dhobi Talao, Mumbai - 400 002, India. Tel : 91 22 4477

MALANAD CO-OPERATIVE TEA FACTORY (MASCO TEA)

(A Unit of Malanad Service Co-operative Bank Ltd)

GSTIN: 32AADAM0401H3ZB

Vagamon P.O.
Idukki District
Kerala, Pin: 685 503

Cert/ 82/24-25

Date 20/07/2024.....

CERTIFICATE

This is to certify that **Mr. AFEEF SHAJI**, of **MBA 2nd** Semester Student of **Mangalam College of Engineering, Kottayam**, successfully completed his **Internship (OJT HR Activities)** in our Factory from **27-05-2024** to **13-07-2024**.

The conduct and behaviour of the student was found to be good during the entire internship.

For Masco Tea Factory.



A handwritten signature in green ink, appearing to be "AFEEF SHAJI".

Manager.
A handwritten signature in black ink, appearing to be "AFEEF SHAJI".

MIDAS

PRECURED TREADS (P) LTD.

Registered Office:
MIDAS MARKETING BUILDING
VARISSERY JN., MARIATHURUTHU P.O.
KOTTAYAM - 686 017, KERALA, INDIA
PHONE : 91 - 481 - 2561215
E-mail : sales@midastreads.com
Website : www.midastreads.com
CIN: U25119KL1985PTC004269

24th July, 2024.

CERTIFICATE

This is to certify that Mr. AKSHAY SURESH (Reg No. MLM23MBA13), MBA (Student) of MANGALAM COLLEGE OF ENGINEERING has Successfully Completed the "SUMMER INTERNSHIP" in our Organisation during 23rd May 2024 to 8th July, 2024. This certificate is issued for submitting as Part of Education and not for submitting to any other departments.

During the period we found that he is very punctual and taking keen interest in his assignments and we wish him all success.

For MIDAS PRECURED TREADS PVT LTD.



AUTHORISED SIGNATORY





ASHIQUE EXPORTS (P) LTD
28/1670 P1, Thekkayad B, Jozir Road
Near Cyber Park, Technopolis (PO)
Kozhikode - 673016
PH + 91 495 6618803
GSTIN: 32AAACA93410127
www.teamthai.in

TT/AEX/2024-07/C001

11th, July, 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Alwin Joshy (Reg. No. MLM23MBA14) 2nd Semester MBA student from Mangalam College of Engineering has successfully completed his "Organization Study" Project program, Period from 20th May, 2024 to 05th July, 2024 from the HR Department of Ashique Exports Pvt. Ltd.

His conduct and character during the period was found as good. We wish all the success in his future endeavors.

For ASHIQUE EXPORTS PVT. LTD.

Authorized Signatory

Factory: SBP 1/432, Poothikkad Road, Poomala, Sulthan Bathery, Wayanad, Kerala- 673 592, India
GTS: 32AAACA93410127



MRF

MRF Limited, P.B. No. 2, Vadavathoor P.O. Kottayam - 686 010.
Tel: 2570461 to 2570470 / 2575196 / 2575197 / 2575198 / 2579400 to 2579699
STD: 0481 DID: 2579 + 3 dlgt Ext. No. Fax:2570670
E-Mail: mrf012@sancharnet.in CIN : L25111TN1960PLC004306

05.07.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Ananthu Manoj a student of "Department of Management Studies", Mangalam College of Engineering, Ettumanoor, Kottayam, has done his internship at MRF Kottayam plant for a period of 45 days starting from 20.05.2024 to 04.07.2024 as a pre-requisite for MBA program.

During the period of his association with us, we found him sincere and hardworking.

We wish him all the best for his future endeavors.

Thanks & regards,
For MRF Limited


Joshy Joseph
Senior Human Resources Manager

16th October 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Anasmon J**, MBA student of Mangalam Management Studies, Mangalam College of Engineering, Ettumanoor, Kottayam – 686 631 has undergone Internship at **FCI OEN Connectors Ltd.**, Mulanthuruthy, Ernakulam – 682 314 for a period of 45 days from 03rd June 2024 to 18th July 2024.

During the above mentioned period, he made the best use of his training and the services rendered by him are commendable.

We wish him the best in all his future endeavors.

For **FCI OEN Connectors Ltd.**,



for

Aiswarya

(Tony Zacharia)
Manager – HR



/ns

TO WHOMEVER IT MAY CONCERN

Date: 12/7/2024

This is to certify that **Mr. Arun Raj** 2nd semester MBA student of Managalam College of Engineering, Ettumanoor, Kottayam, successfully completed his internship in our company from 28-05-2024 to 12-07-2024.

He worked with our team on our projects and his contributions were valuable to the organisation.

The conduct and behaviour of the student were found to be good during the entire internship.

Sincerely

For Equal Stories
Mithun C Mohan



MANAGING PARTNER



CERTIFICATE

HO/HR/TA/869/24-25

18-07-2024

This is to certify that **Mr. Arun T S** has successfully completed his Internship in **ESAF SMALL FINANCE BANK**.

Department : Administration – Infrastructure – Procurement

Internship Period : 20th May 2024 to 03rd July 2024

During the Internship period, he has shown keen interest in learning the work and found sincere. We wish him very best in all his future endeavors.



Biju Joseph
Senior Manager – HR
Human Resources Department



ESAF SMALL FINANCE BANK LIMITED

Regd. Office: 1404/17A, CH 06/22001/2014/045422

Registered & Corporate Office: ESAF Small Finance Bank Limited Building No VII/83/B, ESAF Bhavan,
Mannathy, Thrissur - Palakkad National Highway, Thrissur - 680 651, Kerala

Tel: No. 0487 7175456. Email: customercare@esafbank.com. www.esafbank.com



03rd July 2024

CERTIFICATE

This is to certify that Mr. Ashwin Binu, MBA student of Mangalam College of Engineering Ettumanoor, Kottayam has completed his Internship programme in "Organizational Study" in our organization during the period of 20-05-2024 to 03-07-2024

During the training period he has been regular, sincerely hardworking and showing keen interest to learn. The involvement and the sustained efforts put by the student are highly appreciable.

We wish all the best for his future endeavours.

Certified by,

George Maijo Automobiles Pvt Ltd



HR Department

GEORGE MAIJO INDUSTRIES (P) LTD.

Carackattu Building, Manippuzha Jn, Nattakom Post, Kottayam - 686013.

Phone : 0481- 2383235, 2383236, Email : bmktym@georgemaljo.com, Web : www.georgemaljo.in



CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PRESENTED TO
Mr. ASWIN SUNIL

This is to certify that Mr. Aswin Sunil has successfully completed his internship at Rawmen India Pvt Ltd, Advertising Agency in the Marketing Department. During his tenure from 20-May-2024 to 04-July-2024 he was actively involved in daily marketing activities and demonstrated a keen understanding of marketing strategies and creative processes for various clients.

Mr. Aswin has worked closely with both the Creative and Strategy Teams, contributing to projects across various sectors, including Building Materials, Apparel, and the Petroleum Industry.

We would like to share our sincere appreciation to Mr. Aswin Sunil for his hard work and dedication during his internship with Rawmen India Pvt Ltd. We wish him all the best in his future endeavours

DATE: 05/07/2024



Roky Varghese
ROKY VARGHESE

CHIEF OPERATION OFFICER

(ട്രാക്കോ കേബിൾ കമ്പനി ലിമിറ്റഡ്)

(Traco Cable Company Limited)

TRACO CABLE COMPANY LIMITED

(A Kerala Government Company)



IRIMPANAM, TRIPUNITHURA, Dist. ERNAKULAM, Pin 682 309
Phones: 0484 2780937, 2780237, 2785672, Fax: 0484 2780937

Irimpanam
12.06.2024

To

HOD
Department of Management Studies
Mangalam College of Engineering
Irumanoor, Kottayam

Dear Sir,

Sub: Confirmation Letter

We are pleased to inform that, we are approving Permission for Mr. Athy Suresh Second semester MBA Student of Mangalam College of Engineering to do his Internship at Traco Cable Company Ltd., Irimpanam, Ernakulam from 12th June 2024 up to 45 days.



For Traco cable company

Deepa
Unit Head

Regd. Office, XXXX5468, 4th Floor, KSHB Office Complex, Panampilly Nagar, Kochi - 682 036, Kerala
Phones: 0484 2314847, 2314864, 2311851 & 2320472 Fax: 91-484 2312744
Email: mail@tracocable.com Web: www.tracocable.com

Factories:

Ponery - 670742, Dist. Kannur Ph: 0495 2364161 Fax 0495 2364761 Thiruvalla 688 101, Dist. Pathanamthitta
Phones: 0480 2730231, 2730381 & 2730253 Fax: 0480 2630254 (TVLA)



28/08/2024

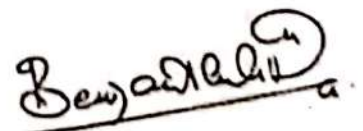
OFFLINE INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Mr. BIJITH KRISHNA P B (Reg. No - MLM23MBA36) (Hedge ID - HSAE006110) from MANGALAM COLLAGE has successfully completed his Internship program at Hedge Equities Ltd., Cochin from 20/05/2024 to 05/07/2024 in the topic "ORGANISATIONAL STUDY". During the Internship program, he was exposed to the various activities of our Human Resource Department.

During the Internship program BIJITH KRISHNA P B demonstrated interpersonal and communication skills. His performance exceeded expectations and he was able to complete the program successfully on time.

We at Hedge Equities Ltd., wish him all the very best in his future endeavors.

For Hedge Equities Ltd.



Authorised Signatory

CIN : U65990MH2007PLC176866

Hedge Equities Limited

REGISTERED OFFICE :

B 302 Trade Square, Mehra Compound, Near DSK Madhuban, Sakinaka Kuria Road, Andheri East, Mumbai - 400 072, Tel : 9072530273
CORPORATE OFFICE : Hedge House, Mamangalam, Kochi - 682025, Kerala, India | Tel: 0484 6130400, Mob : 93493 12345
Email : info@hedgegroup.in | Website : www.hedgeequities.com





Navodaya Junction
Thengode, Edachira Rd
Kakkanad, Kochi
Website: www.caminoconstruction.com

CERTIFICATE OF COMPLETION

Certified that CHRISTINA SARA ALEX student of MANGALAM COLLEGE OF ENGINEERING has successfully completed Internship program on "HUMAN RESOURCES" offered by CAMINO CONSTRUCTORS AND DEVELOPERS from 20.05.2024 to 05.07.2024.



HR Manager
Camino Constructors and Developers.



TO WHOM IT MAY CONCERN

20 JULY 2024

This is to certify that Mr. Colin Joe Sebastian student of MANGALAM COLLEGE OF ENGINEERING, Ettumanoor has successfully completed his Internship in the Human Resource Department at Radars Private Limited, Kochi from 25.05.2024 to 20.07.2024 with reference to the partial fulfillment of the requirements of the Master of Business Administration Program.

We appreciate the dedication and hard work exhibited by Colin Joe Sebastian and we wish him the very best in all his future endeavors.

Kindly contact us for further information or clarification regarding his internship experience.

Sincerely,



Athira Geetha
HR and CEO
Radars Pvt Ltd



Ref. No: EL/2024

Date: 08-07-2024

CERTIFICATE

This is to certify that Ms. Farsana Sathar, 3rd Semester MBA student of Mangalam College of Engineering, Mangalam Hills, Ettumanoor, Kottayam - 686631, has completed her Internship with Sales & Marketing Department from 23rd May 2024 to 06th July 2024.

Her character and conduct during the above period were good.

For DentCare Dental Lab Pvt. Ltd.

Alias M V

General Manager-HR & Administration





Retro Classics Pvt. Ltd.

Authorized Dealer of Classic Legends
JAWA Motorcycles Sales | Service

18/07/2024

CERTIFICATE

This is to certify that Mr. GAUTHAM DILEEP, MBA student of Mangalam College of Engineering, Ettumanoor has successfully completed his internship programme in "Organisational Study" of Retro Classics Pvt Ltd during the period from 03rd June 2024 to 18th July 2024 as a part of the course of study.

During the period he was found hardworking and sincere towards the study.

We wish him all the best.

For Retro Classics Pvt. Ltd.

Registered Address:

Kurup's Tower 1, JAWA Motorcycle Showroom
Near ICICI Bank, Kodimatha (P.O), Kottayam

Kerala, 686013 | retroclassics.ktym@gmail.com | +91 7012742042



WHIOM SO EVER IT MAY CONCERN

This is to certify that Mr. Githin John Shaji (Reg No: MLM23MBA44) has been completed his internship with our organization during 05.06.2024 to 20.07.2024 as Business Development Executive. He rendered his services in working for our Domestic and International Clients.

His services to our organization have been found to be very productive.

He is sincere and hard working with good communication skills.

His associations with us were fruitful and wish him Good Luck in all his future endeavors.

نارayan رAO YADLA
Narayan Rao Yadla
Director - Projects.
IGEEKS TECHNOLOGIES



+91-7019-28-0372

info@igeekstechnologies.com

No: 19, MN Complex, 2nd Cross,
Main Road, Malleswaram

www.igeekstechnologies.com

THE ALLEPPEY COMPANY LIMITED

REGISTERED OFFICE "TAC HOUSE", ALLEPPEY
POST BOX NO. 2602
ALLEPPEY 688007
(INDIA)

EXPORT HOUSE
(Recognised by Govt. of India)

TELEPHONE NOS.
91 (0477) 2242330, 2245021
Fax: 91 (0477) 2243161
E-Mail: alleppeyco@karan-carpets.com
GIN: U52201KL1927PLC000005
GSTIN: 32AABCT2048M1ZE
PAN: AABCT2048M

29th July, 2024

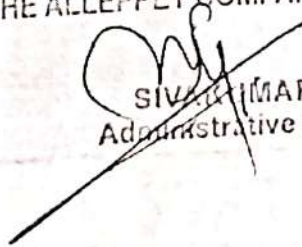
CERTIFICATE

This is to certify that Mr. Ibrahim Badhusha (Register No. MLM23MBA45) MBA student of "Mangalam College of Management Studies" Affiliated to KTU" has completed a "Project" in our establishment during 20.05.2024 to 03.07.2024, as a part of his curriculum.

During the visits he has shown keen interest in learning the work in our Human Resources (HR) Department. We found him earnest and diligent.

We wish him all success.

For THE ALLEPPEY COMPANY LTD.


SIVARAJ MAR. T.
Administrative Officer





FOREST INDUSTRIES (TRAVANCORE) LIM

(A KERALA GOVERNMENT COMPANY)
THAIKATTUKARA P.O., ALUVA - 683 106,
KERALA STATE

CIN: U02001KL1946SGC000373

GST NO: 32AAACF4562B1Z9

FIT/PER/53/2024/637


20/07/2024

CERTIFICATE

This is to certify that Mr. JAGAN SUSRESH (Reg. MLM23MBA46) MBA student of Mangalam College of Engineering, Kottayam has done Summer Internship "AT FOREST INDUSTRIES TRAVANCORE LIMITED, ALUVA" in this organization for a period of 45 days from 20/05/2024 to 03/07/2024 as a part of his course curriculum.

His performance was found good.




Manager (Personnel & Admin)



Phone : Office: 0484 - 2623642

E-mail : fitkerala@yahoo.co.in, Website : www.fitkerala.co.in





KSE VEDAGIRI, KURUMULLOOR P.O.,
KOTTAYAM - 686632
LIMITED PH: 0481 - 2536830, 2536829
2538718, 2538719
AN ISO 9001 : 2015 CERTIFIED COMPANY
CIN No. L15331KL1963PLC002028

31-08-2024

CERTIFICATE

This is to certify that Mr. Jebson A Baby, (Roll No. MLM23MBA48) II semester MBA student of Mangalam College of Engineering, Ettumanoor has undergone Internship in our organisation as part of his curriculum during the period from 20-05-2024 to 03-07-2024.

His character and conduct during the course of the Internship was found to be good.

We wish him success in all his future endeavours.

Vaigheeran

Senior Finance Manager



GST : 32AACCT1374R1Z0
CIN : U25209KL2003PTC016224



Toms Pipes Private Limited

Veroor Industrial Estate, Industrial Nagar P. O.,
Changanacherry, Kottayam, Kerala - 686 106
Tel : +91 481 2724414, Fax : 272 4807.

E-mail : tomspipes1@gmail.com, Web : www.tomspipes.com

Date: 06 July 2024

CERTIFICATE

This is to certify that Mr. JOBIN THOMAS MATHAI, MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed his Internship programme in "Organisational study" of Toms Pipes Pvt Ltd during the period from 20th May 2024 to 05th July 2024 as a part of the course of study.

During the period he was found hardworking and sincere towards the study.

We wish him all the best for his future endeavors.

For Toms Pipes Pvt. Ltd.

Handwritten signature and date: 06/07/2024

Ajith V
Assistant Manager – Human Resources, IT & TPT

hr@tomspipes.in



Handwritten signature

Regd. Off : Door No. 6/305, Vattoli, Chelhimattom Road, Eravuchira P. O., Thottackad, Kottayam, Kerala - Pin 686 539. INDIA

Mfrs. of IS 4985 PVC Water Pipes IS 9537 Conduits and IS 3419 Fittings
2000 PART-3 1988

Thomas Cook (India) Ltd.
Thomas Cook Building
No. 70 2nd Floor, M.G. Road
Next to Deepam Silk
Bangalore - 560 001
Tel: 080-6717 8800 / 01
Fax: 080-6717 8861



Travel Smooth
thomascook.in

A FAIRFAX Company

17-July-2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Jyothy B was working with us from 03-June-24 to 17-July-24 as internship Trainee for Foreign Exchange at our Bangalore Office.

We wish her best of luck for her future endeavors.

Yours Sincerely,

For Thomas Cook (India) Limited

Dhanesh Kumar K S
Senior Manager
Thomas Cook (India) Ltd



Holidays | Foreign Exchange | Business Travel | Visas | Insurance

Corporate Office : A Wing, 11th Floor, Marathon Futurex, N. M. Joshi Marg, Lower Parel, Mumbai - 400 013.

Registered Office : Thomas Cook Building, Dr. D. N. Road, Fort, Mumbai - 400 001.

Email id: enquiry@in.thomascook.com CIN No.: L63040MH1978PLC020717

BCF -IAH /AO/INT-2024-035

To whom it may concern

This is to certify that Mr. Karthik Binesh , MBA Student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed his internship in our Human Resource Department from 22.05.2024 to 05.07.2024 (45 days). During this period his work character and conduct have been good.

Indo American Hospital, Institute of Brain & Spine is NABH Accredited & ISO (9001:2015) Certified Super Specialty hospital dedicated to Neurosciences.



V N Hareendranath
Administrative Officer



Date: 05 July 2024

SRTA



SUPPLYCO RESEARCH & TRAINING ACADEMY
THE KERALA STATE CIVIL SUPPLIES CORPORATION LTD.

MAVELI BHAWAN, MAVELI ROAD, GANDHI NAGAR, KOCHHI-682020
(Government of Kerala Undertaking)

Certificate of Appreciation

This is to certify that Mr KELVIN THOMAS (Reg No, MLM23MBA62) , MBA , Second Semester student of Mangalam College Of Engineering ,Ettumanoor has successfully completed an internship, at our Organization, from 28.05.2024 to 11.07.2024.

Supplyco wishes You all the very best in your future endeavours




Dr. SRIRAM VENKITARAMAN IAS
Chairman & Managing Director

SUNIDRA

The joy of good sleep

CERTIFICATE OF INTERNSHIP

To whom so ever it may concern

We here by confirm that Miss. Marin Jossy Joseph , MBA student of Mangalam College of Engineering, has successfully completed internship at Eastern Mattresses (P) Ltd during the period from 20 May to 5 th July . Miss Marin jossy Joseph worked on a project titled ORGANIZATION BEHAVIOUR assessment of Eastern Mattresses PVT Ltd. We found her work satisfactory taking into consideration of primary research employee interviews and the final report submitted for the review. We wish her all the best.

Regards

P.S. Anilkumar
Anilkumar PS

CEO

Project guide

Jasmine Pradeep
Jasmine Pradeep

Customer Delight Manager

EASTERN MATTRESSES PVT. LTD.
NO. 34/137 A, FLOOR NO: 3B
N. H. BYE-PASS, EDAPPALLY (P. O)
KOCHI-682 024
TEL: 91-0484-7161411

Head Office:

Eastern Mattresses (P) Ltd,
3B, 3rd Floor, Eastern Corporate Office,
NH Bypass, Edappally,
Kerala- 682 024

Reg. Office:

Eastern Mattresses (P) Ltd,
4/335, Puthuperiyaram P O,
Thodupuzha, Idukki Dist., Kerala- 685 609
GST: 32AAACE6765D12X
CIN: U72924KL1999PTC012719

www.sunidra.in
sunidra@idra
sunidramattresses





Sakthi Auto Ancillary Private Limited

Regd Office & Factory: 211/1, Idigara Road, N.G.G.O. Colony,
Coimbatore - 641 022, Tamil Nadu, India
CIN: U29199TZ189BPTC006320 GSTIN: 33AABC0064H1ZB
E-mail: info@saapl.net Web: www.saapl.net
Phone: 91 - 422 2642726, 2646212, 2647203



Date: 19.07.2024

TO WHOM SO EVER IT MAY CONCERN

We here by certify that Ms.S.Mercy, Registration No: MLM23MBA70 student of MBA (Master of Business Administration) 1st year, Mangalam College of Engineering, Kottayam, successfully completed her Internship in our organization during the period from 03.06.2024 to 18.07.2024.

During the above mentioned duration her conduct, discipline and character were found to be good.

Our organization wishes her all successes for her future endeavours.

For Sakthi Auto Ancillary Private Limited,

Authorized Signatory



Praga Marine Pvt. Ltd.

CHEMICAL INDUSTRIAL ESTATE, AROOR P.O., ALAPPUZHA, KERALA - 688 534
PHONE : 0478 2872390, FAX : 0478 2873313, GST. No. 32AABCP3016D1Z7

Date : 19.7.2024

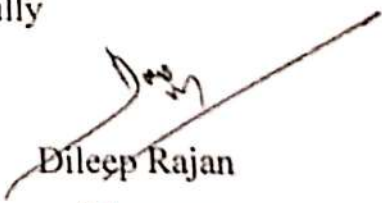
Certificate

This is to certify that Mr. Milton Second semester MBA student of Mangalam college of Engineering Ettumanoor Kottayam he has been successfully completed internship in our company during the period from 10.06.2024 to 19.7.2024 as part of his curriculum he was found to be hard work and sincere his studies.

Thanking you

Yours faithfully




Dileep Rajan
Manager

Praga Marine Pvt Ltd



The Benleng Company

RISE TBI, University Road
South Kalamassery
Kalamassery, Kochi
Website: www.benleng.com

CERTIFICATE OF COMPLETION

Certified that **Mohammad Aslam (MLM23MBA73)**, student of **Mangalam College Of Engineering For Management Studies** has completed the Internship Training Program in **“Organizational Study”** offered by **THE BENLENG COMPANY** from **27.05.2024** to **10.07.2024**.

Authorized Signatory
The Benleng Company





Flour Mills (India) Pvt. Ltd.

Ajmi Gardens, Kalathukadavu P.O., Erattupetta, Kottayam Dist. Pin 686 579
www.ajmifoods.com, email: contact@ajmifoods.com
Ph : 04822-272202, Mob : 8593 846 975, 8593 999 511


Date: 23 JUL 2024

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that Mr. NAHAS K S (Reg: MLM23MBA74), student of Mangalam College of Engineering, Mangalam Management Studies Ettumanoor, Kottayam has successfully completed an internship in our organization from 20th may to 10 th july 2024.

During the above mentioned period he found curious and cooperative in all the assignment given to his and character was good.

We wish his all success in future endeavours.


Sadik Rahim 23/7/24
General Manager





CAMINO
INFOTECH
Igniting via Innovation

CERTIFICATE OF COMPLETION

Certified that **Mr. Nithin Jacob Thankachan** (MUM2311BA78), student of **Manangalam College of Engineering for Management Studies** has completed a forty five day's (45 days) Internship on **"Organizational Study"** offered by CAMINO INFOTECH Pvt. Ltd from 27.05.2024 to 10.07.2024.

Authorized Signatory



Camino Infotech
CUSAT PO
Kalamassery, Kochi, Ernakulam





THE TRAVANCORE - COCHIN CHEMICALS LTD.

(A GOVERNMENT OF KERALA UNDERTAKING)

P.B. NO. 4, UDYOGAMANDAL P.O., KOCHI - 683 501, KERALA.

CIN:U24299KL19515GC001237



*** Inspiring Growth ***

HR/PW/203/2024

09.07.2024

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Nowrin Fathima (Reg. No: MLM23MBA81) a student of MBA from the Department of Management Studies, Mangalam College of Engineering, Kottayam - 686631 has successfully completed an internship in our company from 22.05.2024 to 03.07.2024.

We wish all the best for her future.


Shibu S. Dev
Manager (HR)





POM/HRD/IC/20/07/2024

20/07/2024

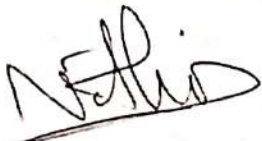
CERTIFICATE

This is to certify that **Mr. Pranav P**, student of Master of Business Administration(MBA), from Managalam College of Engineering, Ettumanoor has completed his **Internship** in Panamoottil Oil Mill, during the time period of 1st June 2024 to 19th July 2024.

During his tenure with us his performance was good. He is a good learner and bears a good moral character.

We wish him all the success in his future endeavors.

For Panamoottil Oil Mill,



Nithin George,
CEO
Panamoottil Oil Mill





ClubMahindra

MHRIL/CMT/HRD/TEC/19/24

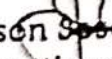
05.07.2024

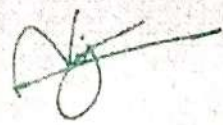
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Radhika Radhakrishnan has been working with Mahindra Holidays & Resorts India Ltd as Industrial Exposure trainee in Human Resources Department from 20.05.2024 to 05.07.2024.

We wish all the best in her future endeavors.

For Mahindra Holidays and Resorts India Ltd.
(Club Mahindra Thekkady)


Jaisen Joseph
Operations Manager





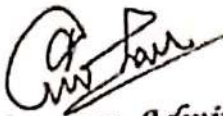
17th July 2024

CERTIFICATE

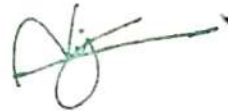
This is to certify that Ms. Radhika , (Reg:No. MLM 23 MBA 86) 3rd Semester MBA student of Mangalam College of Engineering, Kottayam has successfully completed an internship in our firm for a period of 45 days commencing from 22nd May 2024 to 5th July 2024.

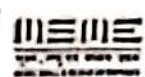
During the period of her study, she has shown keen interest and learned various aspects connected with this organization.

K. Chandramohan


Manager- Administration







AN ISO 9001-2015, 22000:2018 & HACCP CERTIFIED COMPANY



GENZEE
TECHNOLOGIES
INSPIRING GENERATIONS

UNITY ARCADE, THIRD FLOOR
BYPASS ROAD, 130 JUNCTION
MUVATTUPUZHA, KERALA 686661
PAN: AAZFG5922A, TAN : CHNG08773C
LLPIN ACA-7876, Mob : 9495994375

CERTIFICATE

This is to be certify that Mr. Rahul Krishna, MBA student of Mangalam College of Engineering, Ettumanoor has successfully completed his internship programme in Sales at Genzee Technologies LLP during the period from 27th May 2024 to 10th July 2024 as a part of the course of study.

During the period he was found hardworking and sincere towards the study.

We wish him all the best.

Date:15-07-2024

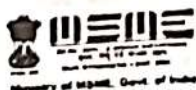
Place: Muvattupuzha



Amar Mohammed

Director

Genzee Technologies LLP



#startupindia



20th August, 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. REUBEN GEORGE JOHN (Reg. No. MLM23MBA89) MBA student of MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM, has done an Internship in our Human Resource Department from 27th May 2024 to 18th July 2024. This Internship was in connection with the curriculum of Master of Business Administration, APJ Abdul Kalam Technological University, Thiruvananthapuram.

FOR AKAY NATURAL INGREDIENTS PVT LTD


SHAILA PHILIPOSE
MANAGER-HR







Regd. Off. & Site 2 : Ambunad, Malaidamthuruth P.O., Ernakulam - 683 561, Kerala, India.
Tel: +91 484 2686111/2/3
Site 3: Tadas P.O., Byadgi, Haveri - 581106, Karnataka, India. Tel: +91 80 95424111
Site 4: Akanadu, Mudakuzha P.O., Perumbavoor, Ernakulam, 683 546, Kerala, India. Tel: +91 484 2597888

PKHIL/HR/2024/62

Date: 03-07-2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Revathy P S, MBA Student of Mangalam College of Engineering, Mangalam Hills, Ettumanoor P O, Kottayam has successfully completed the Internship at Pankajakasthuri Herbals India Private Limited, Thiruvananthapuram from 20-05-2024 to 03-07-2024 as part of her academic curriculum.

We wish her good luck in her future endeavour.

Sincerely,

For Pankajakasthuri Herbals India Private Limited



Arathy Venukumar
Manager-HR



PANKAJAKASTHURI HERBALS INDIA (P) LTD

Corp Office: Poovachal, Trivandrum - 695 575, Kerala, India
Corporate Identity Number: U24235KL1999PTC009565
Tel: +91 472 2895301, 2896301 Fax: 0472 2896039
Email: info@pki.com | www.pankajakasthuri.in

Chirackal Agro Mills

K.P. XVII/577, M. C. Road, Mattoor, Ernakulam, Kerala State,
India, Pin-683 574. Ph.: 0484 2463508, 2463751.



goodness of traditional taste

Ref: CAM-212-JUL/2024-2025

18 July, 2024

TRAINING CERTIFICATE.

This is to certify that **Mr. SALMAN BIN NAVAS** (Roll No: MLM23MBA92) student of Mangalam College of Engineering, Kottayam has completed his Job Training program in our organization from 20.05.2024 to 04.07.2024 During this period, his conduct and behavior was good. We wish him all success.

For CHIRACKAL AGRO MILLS

MackS

Madhusudhanan Kartha N. C.
Manager-Export.



[Handwritten signature]

ISO: 22000:2018

Mob: 9526177753
E-mail: mail@periyarrice.com
Visit us at: www.periyarrice.com
GST No: 32AACFC1918M1ZN
FSSAI No: 11315007001798



CERTIFICATE OF COMPLETION

Certified that **Sanju Thomas (MLM23MBA96)**, student of **Mangalan College Of Engineering For Management Studies** has completed the internship on **“Organizational Study”** offered by **CAMINO GROUP OF COMPANIES** from **27.05.2024** to **10.07.2024**.

We wish all success in his future endeavours.



Authorized Signatory
Camino Group of Companies



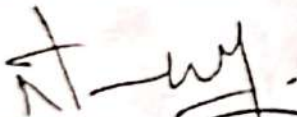
17th July 2024


TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Shilpa Sivankutty (Reg.no.R MLM23MBA98), student of Mangalam College of Engineering, Kottayam, Kerala has successfully completed the Project from 3-Jun-2024 to 17-Jul-2024 with us. She undertook a project in Retail Store Operation - Easybuy, Bangalore.

She has completed the project successfully. We wish her all the very best for her future endeavors.

For Lifestyle International Limited,
EasyBuy, Max Retail Division


Nova Moses
Lead TA - Retail Operation





EasyBuy

Lifestyle International Pvt. Ltd.
Easybuy - Max Retail Division
7/7 Town Centre, Building No.3, West Wing,
Old HAL, Airport Road, Toranapur P.O.,
Bangalore - 560 037
Phone: +91 (80) 41790505
Fax: +91 (80) 41528349



DOLPHIN RUBBER INDUSTRIES

Manufacturers and Exporters of Floor Mats
ISO 9001 2015 | ISO 14001 2015 | SA 8000 : 2014 | SEDEX

Industrial Development Plot
Poovanthuruthu Post, Kottayam-686012
Kerala, India Ph +91-481-2340760
+91-481-2340770 9447134076
Email: sales@dolphinrubbermat.com
Website: www.dolphinrubbermat.com

05.07.2024

TO WHOM IT MAY CONCERN

This is to certify that Ms.Sindhura Prakashan (Reg.No.MLM23MBA100), student of Second Semester MBA ,Mangalam College of Engineering, has successfully completed her " Summer Internship" in our firm from 20th May 2024 to 3rd July 2024.

During this period of her internship program with us she was found punctual, hardworking and curious in acquiring knowledge.

We wish her great success in his future endeavours.

For Dolphin Rubber Industries

Asha S Nair
HR Manager



No. Cer:B28

Date:.....


13/07/2024

CERTIFICATE

This is to Certify that Mrs.Sneha Shiny Sam 2nd Semester MBA Student of Mangalam College of Engineering Ettumanoor, Kottayam Sucessfully completed her Internship in our firm from 28/5/2024 to 12/07/2024.

The conduct and behavior of the student was found to be good during the entire internship.

For Super Team Building & Developer Pvt. Ltd


HR Manager





RawmenTM

RAWMEN INDIA PVT LTD

CERTIFICATE OF INTERNSHIP

THIS CERTIFICATE IS PRESENTED TO
Mr. ASWIN SUNIL

This is to certify that Mr. Aswin Sunil has successfully completed his internship at **Rawmen India Pvt Ltd**, Advertising Agency in the Marketing Department. During his tenure from 20-May-2024 to 04-July-2024 he was actively involved in daily marketing activities and demonstrated a keen understanding of marketing strategies and creative processes for various clients.

Mr. Aswin has worked closely with both the Creative and Strategy Teams, contributing to projects across various sectors, including Building Materials, Apparel, and the Petroleum Industry.

We would like to share our sincere appreciation to Mr. Aswin Sunil for his hard work and dedication during his internship with **Rawmen India Pvt Ltd**. We wish him all the best in his future endeavours

DATE: 05/07/2024



Roky Varghese
ROKY VARGHESE

CHIEF OPERATION OFFICER

Rawmen India Private Limited
GSTIN - 33AAANCR3372EZE | CIN - U73100TN2024PTC167131
+91 97786 99566 | +91 97786 99562 | reach@rawmen.in

SIRI TOWERS 2ND FLOOR, PLOT 3&4, FOURRTS AVENUE,
ANNAI INDIRA NAGAR, THORAIPAKKAM, OMR, TAMIL NADU
600097





ASHIQUE EXPORTS (P) LTD
28/1670 B1, Thondayad By-pass Road
Near Cyber Park, Nellikkode (P.O)
Kozhikode - 673016
PH + 91 495 6618800
GSTIN : 32AAACA9341D1Z7
www.teamthai.in

TT/AEX/2024-07/C001

11th, July, 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Alwin Joshy (Reg. No. MLM23MBA14) 2nd Semester MBA student from Mangalam College of Engineering has successfully completed his "Organization Study" Project program, Period from 20th May, 2024 to 05th July, 2024 from the HR Department of Ashique Exports Pvt. Ltd.

His conduct and character during the period was found as good. We wish all the success in his future endeavors.

For ASHIQUE EXPORTS PVT. LTD.

Authorized Signatory



MALANAD CO-OPERATIVE TEA FACTORY (MASCO TEA)

(A Unit of Malanad Service Co-operative Bank Ltd)

GSTIN: 32AADAM0401H3ZB

Vagamon P.O.
Idukki District
Kerala, Pin: 685 503

No. **Cert/ 82/24-25**

Date **20/07/2024**.....

CERTIFICATE

This is to certify that **Mr. AFEEF SHAJI**, of **MBA 2nd** Semester Student of Mangalam College of Engineering, Kottayam, successfully completed his Internship (OJT HR Activities) in our Factory from 27-05-2024 to 13-07-2024.

The conduct and behaviour of the student was found to be good during the entire internship.

For Masco Tea Factory.



Manager.