

6.3.4 Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year  
(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

S.No	Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
<b>Department of Artificial Intelligence &amp; Machine Learning</b>			
1	Justy Jameson	AI for Multimedia Processing and Security	18/02/2023-22/02/2023
2	Dheeraj N	AI for Multimedia Processing and Security	18/02/2023-22/02/2024
3	Aiswarya Mohan K	AI for Multimedia Processing and Security	18/02/2023-22/02/2025
4	Aiswarya Mohan K	Machine Learning Operations	02/02/2023-06/02/2023
5	Justy Jameson	Machine Learning Operations	02/02/2023-06/02/2023
6	Dheeraj N	Machine Learning Operations	02/02/2023-06/02/2023
7	Aiswarya Mohan K	Processing and Security of Digital Image	02/02/2023-06/02/2023
8	Aiswarya Mohan K	Demystifying Machine Learning Algorithm	05/12/20232-09/12/2022
9	Aiswarya Mohan K	STTP ON Artificial Intelligence and Application	10/11/2022-14/10/2022
10	Justy Jameson	Processing and Security of Digital Image	29/08/2022-03/09/2022
11	Justy Jameson	Advanced Research and Quality Publication	05/12/20232-09/12/2022
12	Dheeraj N	Processing and Security of Digital Image	29/08/2022-02/09/2022
13	Dheeraj N	Innovation in Recent Trends in Computing	05/12/20232-09/12/2022
			28/11/2022-02/12/2022
<b>Department of Basic Science and Humanities</b>			
14	Ms. Sreelakshmi P.S	Artificial intelligence as a magical Tool For Teachers & Researchers	08-08-2023
15	Dr. Soumya Rajan	Advanced Materials For Technological Applications	24/03/2023-4/04/2023
16	Ms. Chippy Sudevan	Advanced Materials For Technological Applications	24/03/2023-4/04/2023
17	Ms. Chinchu Anna Varkey	Advanced Materials For Technological Applications	24/03/2023-4/04/2023
18	Ms. Sreelakshmi P.S	Pedagogical Excellence in ELT	13/02/2023 - 17/02/2023
19	Ms. Sruthi S	Pedagogical Excellence in ELT	13/02/2023 - 17/02/2023
20	Ms. Sruthi S	Crossdisciplinarity In Research	19/01/2023-24/01/2023
21	Ms. Sreelakshmi P.S	7 Day National Level Online FDP on OBE	18/01/2023-25/01/2023
22	Dr. Meenu M T	Research And Publication Ethics	22/10/2022-26/10/2022
23	Ms. Reshma Chandran	Research And Publication Ethics	22/10/2022-26/10/2022
24	Ms. Vidhya Vinayan	Research And Publication Ethics	22/10/2022-26/10/2022
25	Ms. Chinchu Anna Varkey	Raman Optronics Webinar Series-2022(VI Conference)	07/11/2022-07/12/2022
26	Ms. Chippy Sudevan	Raman Optronics Webinar Series-2022(VI Conference)	07/11/2022-07/12/2022
27	Dr. Soumya Rajan	Raman Optronics Webinar Series-2022(VI Conference)	07/11/2022-07/12/2022
28	Ms. Sruthi S	ELT in Digi-World: Developing Global Citizenship	27/06/2022-2/07/2022
29	Ms. Chinchu Anna Varkey	Research And Publication Ethics	22/10/2022-26/10/2022
30	Dr. Meenu M T	Advanced Materials For Technological Applications	24/03/2023-4/04/2023
31	Ms. Vidhya Vinayan	Advanced Materials For Technological Applications	24/03/2023-4/04/2023

## Department of Civil Engineering

32	Dr D Ramesh Kumar	Smart materials and systems	
33	Dr R Radhakrishnan	Current Strategies in Civil Engineering	29.05.23 - 02.06.23
34	Dr P.Swaminathan	Latest Analysis and Design Trends for Civil Engineering Structures	02-01-23-06-01-23
35	Dr P.Swaminathan	Smart materials and systems	14.11.22 to 18.11.22
36	Dr.P.Swaminathan	Current Strategies in Civil Engineering	29.05.23 - 02.06.23
37	Dr.K.Arunkumar	Current Strategies in Civil Engineering	02-01-23-06-01-23
38	Dr.K.Arunkumar	Smart materials and systems	02-01-23-06-01-23
39	Dr.Asha P Tom	Recent Advancements in Waste to Energy Technologies	29.05.23 - 02.06.23
40	Mr.Sreerench Ragavu	Smart materials and systems	09.01.23-14.01.23
41	Ms.Reni Kuruvilla	Current Research Trends in the Field of Civil Engineering	29.05.23 - 02.06.23
42	Ms.Reni Kuruvilla	7 Day National Level Online Faculty Development Program on Outcome Based Education(OBE)	16-01-23 -20-01-23
43	Mr.Gokul P V	Current Strategies in Civil Engineering	18.01.23-25.01.23
44	Ms.Geethu Lal	Current Research Trends in the Field of Civil Engineering	02-01-23-06-01-23
45	Ms.Geethu Lal	Technological Advancements in Civil Engineering	16-01-23 -20-01-23
46	Mr.Abhijith Kumar A N	Innovation & Entrepreneurship Ecosystem Development	19.06.23 to 23.06.23
47	Mr.Abhijith Kumar A N	Blooms Taxonomy in Teaching and Learning	07.07.22-08.07.22
48	Mr.Richu George Varghese	Sustainable Building Materials & Practices	16.02-23
49	Mr.Richu George Varghese	"Self Sustainable Buildings"	20.02.23-24.02.23
50	Mr.Richu George Varghese	Technological Advancements in Civil Engineering	12.09.22-16.09.22
51	Mr.Richu George Varghese	Current Research Trends in the Field of Civil Engineering	19.06.23 to 23.06.23
52	Lulu k makkar	Induction Training Programme for Young Teachers	16-01-23 -20-01-23
53	Ms. Anju Raju	Engineering	19.09.22-24.09.22
54	Ms. Nimisha Annie Abraham	Engineering	26.9.22-30.9.22
55	Ms. Nimisha Annie Abraham	7 Day National Level Online Faculty Development Program on Outcome Based Education(OBE)	26.9.22-30.9.22
56	Ms.Gladiz Mathew	Futuristic Research Scope in Civil Engineering	18.01.23-25.01.23
57	Athira Jacob	Technological Advancements in Civil Engineering	23.08.22-27.08.22
58	Athira Jacob	Nanotechnology in Engineering for a Sustainable Future	19.06.23 to 23.06.23
59	Athira Jacob	Emerging Trends in Energy Efficient Building Construction	11.01.23 - 13.01.23
60	Anila Mary Jacob	Conceptual approach to structural analysis and design	12.12.22- 16.12.22
61	Anila Mary Jacob	Smart materials and systems	16-01-23 -20-01-23
62	Silpa Caroline James	Nanotechnology in Engineering for a Sustainable Future	29.05.23 - 02.06.23
63	Silpa Caroline James	Outcome based education and NBA accreditation	11.01.23 - 13.01.23
64	Aswathy Sugu	Conceptual approach to structural analysis and design	15-02-23 -17-02-23
65	Aswathy Sugu	Technological Advancements in Civil Engineering	16-01-23 -20-01-23
66	Aswathy Sugu	Outcome based education and NBA accreditation	19.06.23 to 23.06.23
			15-02-23 -17-02-23

67	Aksharamee G Raj	Computational approach to structural analysis and design	
68	Aksharamee G Raj	Technological Advancements in Civil Engineering	16-01-23 -20-01-23
69	Asha Jose	Emerging Trends in Energy Efficient Building Construction	19.06.23 to 23.06.23
70	Vidya Mohan	Nanotechnology in Engineering for a Sustainable Future	12/12/22- 16/12/22
71	Vidya Mohan	Outcome based education and NBA accreditation	11/01/23 - 13/01/23
<b>Department of Chemical Engineering</b>			
72	Dr. Lovcy Jacob	Sustainable Bioreactor Processes And Applications in Bioenergy and Biowaste Management	
73	Ms. Parvathy J.U.	Sustainable Bioreactor Processes And Applications in Bioenergy and Biowaste Management	01/02/2023 -03/02/2023
<b>Department of Computer Science and Engineering</b>			
74	Dr.K.Ravikumar	FDP on Data Science using Python	
75	Dr.S.Padmimalal	FDP on Data Science using Python	24-01-2023 to26-01-2023
76	Dr.K.John Peter	FDP on Data Science using Python	24-01-2023 to26-01-2023
77	Dr.Sabu George	FDP on Data Science using Python	24-01-2023 to26-01-2023
78	Dr.C.Sahaya kingsly	FDP on Data Science using Python	24-01-2023 to26-01-2023
79		FDP on Data Science using Python	24-01-2023 to26-01-2023
80	Ms.Jinu P Saimaden	FDP on AWS Cloud	24-01-2023 to26-01-2023
81	Ms.Neethu Maria John	FDP on Data Science using Python	13-01-2023 to 17-01-2023
82		FDP on Data Science using Python	24-01-2023 to26-01-2023
83	Ms.Divya S B	Deep learning for beginners	24-01-2023 to26-01-2023
84	Ms.Neema George	FDP on Data Science using Python	26/8/22 to 31/8/2022
85		FDP on Data Science using Python	24-01-2023 to26-01-2023
86		Deep learning for beginners	24-01-2023 to26-01-2023
87	Ms.Sruthy Emmanuel	FDP on AWS Cloud	26/8/22 to 31/8/2022
88		FDP on Data Science using Python	13-01-2023 to 17-01-2023
89	Ms.Syamamol T	Deep learning for beginners	24-01-2023 to26-01-2023
90		FDP on Data Science using Python	26/8/22 to 31/8/2022
91		FDP on AWS Cloud	24-01-2023 to26-01-2023
92	Ms.Gayathri R Krishna	Advanced Research and Quality Publication	13-01-2023 to 17-01-2023
93		FDP on Data Science using Python	29-08-2022 to 09-08-2022
94	Ms.Eldhose K Paul	FDP on Distributed Computing	24-01-2023 to26-01-2023
95	Ms.Tinu Thomas	FDP on Data Science using Python	30/1/2023-1/2/2023
96		Advanced Research and Quality Publication	24-01-2023 to26-01-2023
97	Ms.Merlin Mary James	Designing and Modelling of IoT,AI &ML Systems	29-08-2022 to 09-08-2022
98	Ms.Neema G Krishnan	FDP on Data Science using Python	01.08.2022 to 05.08.2022
99	Mr.Chris Chettissery	Designing and Modelling of IoT,AI &ML Systems	24-01-2023 to26-01-2023
100		Advanced Research and Quality Publication	01.08.2022 to 05.08.2022

101		FDP on AWS Cloud	28-11-2022 to 12-02-2022
102	Mr.Jayakrishnan B	Designing and Modelling of IoT,AI &ML. Systems	01.08.2022 to 05.08.2022
103	Ms.Roja Thomas	FDP on Data Science using Python	24-01-2023 to 26-01-2023
104		FDP on Data Science using Python	24-01-2023 to 26-01-2023
105	Ms.Anjana Sekhar	FDP on MLOps	2/2/2023-6/2/2023
106	Ms.Vineetha V Nair	FDP on Data Science using Python	24-01-2023 to 26-01-2023
107		FDP on AWS Cloud	28-11-2022 to 12-02-2022
108		FDP on Data Science using Python	24-01-2023 to 26-01-2023
109		Advanced Research and Quality Publication	29-08-2022 to 2/9/2022
110	Ms.Sruthy K Joseph	Demystifying Machine Learning Algorithm	10-10-2022 to 14-10-2022
111		FDP on AWS Cloud	13-01-2023 to 17-01-2023
112		FDP on Innovations in Recend Trends in FDP	28-11-2022 to 12-02-2022
113	Ms.Nayana N Panicker	FDP on Data Science using Python	24-01-2023 to 26-01-2023
114		Natural language processing and information retrieval	29/08/2022-02/09/2022
115		FDP on AWS Cloud	13-01-2023 to 17-01-2023
116	Mr.Vimal Babu P	FDP on Data Science using Python	24-01-2023 to 26-01-2023
117		FDP on AWS Cloud	13-01-2023 to 17-01-2023
118	Mr.Sanoj C Chacko	FDP on Data Science using Python	24-01-2023 to 26-01-2023
119	Ms.Anjana J Mani	FDP on Data Science using Python	24-01-2023 to 26-01-2023
120		FDP on Data Science using Python	24-01-2023 to 26-01-2023
121	Arya P Unnikrishnan	FDP on AWS Cloud	13-01-2023 to 17-01-2023
122		FDP on AWS Cloud	13-01-2023 to 17-01-2023
123	Ms.Renju Renjith	FDP on Data Science using Python	24-01-2023 to 26-01-2023
124	Mr.Anoop T Sasidharan	FDP on Data Science using python	24-01-2023 to 26-01-2023
125	Ms. Neena Joseph	FDP on Deep Learning for beginners	26-08-2022 to 31-08-2022
126	Ms.Amritha Soloman	FDP on Data Science using Python	24-01-2023 to 26-01-2023
127	Ms.Anjumol Zachariah	FDP on Data Science using Python	24-01-2023 to 26-01-2023
<b>Department of Electrical and Electronics Engineering</b>			
128	Krupa Ann Kurian	Integration of Energy Resources	1.09.2022 to 8.09.2022
129	Ms.Jolly George	Emerging Trends in Power,Energy and Control	22.08.2022 to 27.08.2022
130	Dr.Bincy K Jose	Emerging Trends in Power,Energy and Control	22.08.2022 to 27.08.2022
131	Dr.S Leela	Emerging Trends in Power,Energy and Control	22.08.2022 to 27.08.2022
132	Dr.S Leela	Integration of Energy Resources	1.09.2022 to 8.09.2022
133	Dr.Bincy K Jose	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023
134	Dr.Bincy K Jose	Smart Grid Technology	17.04.2023 to 22.04.2023
135	Ms.Jolly George	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023
136	Lekshmi Nair	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023
137	Shoma Mani	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023
138	Dr. S Karthikumar	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023

139	Ms. Rahumath Beeby	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023
140	Ms. Divya Jose	Recent Trends in Grid Integration	30.01.2023 to 3.02.2024
141	Ms. Krupa Ann	Recent Trends in Grid Integration	30.01.2023 to 3.02.2025
142	Ms. Aiswarya Chandran	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023
143	Ms. Jeepa K.J	National Conference on Recent Trends in Material Science and Technology	28.12.2022 to 30.12.2022
<b>Department of Electronics and Communication Engineering</b>			
144	Abraham C.G	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
145	Dr Radeep Krishna	Intelligent Internet of Things	27/10/2022 to 28/10/2022
146	Dr. Radeep Krishna	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
147	Dr Radeep Krishna	Deep Learning for Beginners	26/8/2022 to 31/8/2022
148	Dr Radeep Krishna	IP Awareness and Training Program (NIPAM)	18-11-2022
149	Dr. Derik Mathew	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
150	Dr. Reena Thomas	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
151	Dr. Deepthy Mary Alex	Machine Learning in Big Data Applications and Security Challenges	24/04/2023 to 29/04/2023
152	Reneesh C Zacharia	10 days FDP on A step by step guide to write a good research paper"	18/03/2023-27/03/2023
153	Reneesh C Zacharia	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
154	Jyothisree K.R	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
155	Neethan Elizabeth Abraham	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
156	Mariya Stephen	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
157	Suresh Chandran	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
158	Devika Sarathi	Current trends on Data Science and its Applications	13/7/2022 to 15/7/2022
159	Devika Sarath	IP Awareness and Training Program (NIPAM)	11-3-2023
160	Devika Sarath	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
161	Mr. Jaleel P.K	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
<b>Department of Mechanical Engineering</b>			
162	JOHAN GEORGE CHERIAN	'Crossdisciplinarity in Research'	19/01/2023 to 24/01/2023.
163	JOHAN GEORGE CHERIAN	Research Opportunities and Futures of Additive Manufacturing Engineering	30/01/2023 to 03/02/2023
164	Dr. Rabi J	'Crossdisciplinarity in Research'	19/01/2023 to 24/01/2023.
165	Dr. Rabi J	Research Opportunities and Futures of Additive Manufacturing Engineering	30/01/2023 to 03/02/2023
166	SANTHU VARGHESE THOMAS	Research Opportunities and Futures of Additive Manufacturing Engineering	30/01/2023 to 03/02/2023
167	AMAL R	Contemporary Breakthroughs in the Technologies of Industry 4.0	22/08/22 - 24/08/22
168	Navish Kumar	'Crossdisciplinarity in Research'	19/01/2023 to 24/01/2023.
169	Navish Kumar	Emerging Trends in Additive Manufacturing Technology	30/01/2023 to 03/02/2023
170	Dr. Bibin K S	Contemporary Breakthroughs in the Technologies of Industry 4.0	22/08/22 - 24/08/22

171	Mr.Premjith S	'Crossdisciplinarity in Research'	19/01/2023 to 24/01/2023.
172	Mr.Premjith S	Research Opportunities and Futures of Additive Mnuufacturing Engineering	30/01/2023 to 03/02/2023
173	Mr. Tony Mathew	AICTE-Sponsored Two-Week Hybrid ATAL FDP on Digital Supply Chain Management	19/09/2022 to 30/09/2022
174	Mr. Tony Mathew	Societal Applications of Machine Learning	26/12/2022 to 30/12/2022
175	Mr. Tony Mathew	'Crossdisciplinarity in Research'	19/01/2023 to 24/01/2023.
176	Mr. Tony Mathew	Research Opportunities and Futures of Additive Mnuufacturing Engineering	30/01/2023 to 03/02/2023
177	Dr.Rabi.J	Contemporary Breakthroughs in the Technologies of Industry 4.0	22/08/22 to 24/08/23
178	SANTHU VARGHESE THOM	Societal Applications of Machine Learning	26/12/2022 to 30/12/2022
179	SANTHU VARGHESE THOM	Recent Trends in Artificial Intelligence and Cyber Security	01.11.2022 to 05.11.2022
180	Dr Manikandan H	High End Machining Centres for Computer Integrated Manufacturing	28/11/2022 to 04/12/2022
181	Dr Manikandan H	Advanced Machining Processes	August 2022 - October 2022
182	Dr Manikandan H	Rapid Manufacturing	July 2022 - October 2022
183	Dr Manikandan H	Fundamentals of Manufacturing Processes	July 2022 - October 2022
<b>Department of Master of Business Administration</b>			
184	Ms. Fiya James	Overview of securities market and career growth	29/09/22 to 29/09/22
185	Dr. Siby James	Structural equation modeling ( SEM) using Spss & AMOS	29/05/23- 31/05/23
186	Ms. Fiya James	Innovative Teaching and Learning Pedagogy	27/05/23-31/05/23
187	Mr. Jeffy James	Conquering the inner critic: Empowering Management Minds to thrive	26/05/23-26/05/23
188	Ms.Sreelakshmi Sreekumar	A Step by Step guide to write a good Research paper	18/03/23-27/03/23
189	Ms.Sreelakshmi Sreekumar	7 Days National Level online faculty development program on outcome based equcation	18/01/23-24/01/23
190	Ms.Sreelakshmi Sreekumar	Research paper writing for Research scholar	17/06/23-17/06/23
191	Mr. Jeffy James	achieve success	17/02/23 to 17/02/23
192	Mr. Jeffy James	How to become a Digital Marketer	16/05/23 to 16/05/23
193	Mr. Jeffy James	Research methods and Research methodology	15/04/23 to 15/04/23
194	Mr. Jeffy James	Speak up and stand out: Building dynamic communication skills	13/04/23 to 13/04/23
195	Mr. Jeffy James	From Dreamer to Doer	07/06/23 to 07/06/23
196	Mr. Jeffy James	What does it take to be an Entrepreneur	02/04/23 to 02/04/23
197	Mr. Jeffy James	Empowering students as Innovators: A path of Entrepreneurial excellence	16/06/23 to 16/06/23
198	Dr. Prima Anne George	7 day National Level Online Faculty Development on Outcome based education	18/01/23 to 25/01/23
199	Ms.Tina Baby	Structural equation modeling	14/02/23 to 16/02/23
200	Ms. Reshma Ravindranath	3 day training on research writing and publication	17/01/23 to 19/01/23
201	Ms. Neethu Kuncheria	Research paper writing for Research scholar	17/06/23 to 17/06/23
202	Ms. Tinta Baby	Advanced research and Quality publication	29/08/22 to 02/09/22

  
Criteria Coordinator

  
Principal  
ANGALAM COLLEGE OF ENGINEERS  
Ettumanoor

6.3.4 Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year  
(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
Justy Jameson	AI for Multimedia Processing and Security	18/02/2023-22/02/2023
Dheeraj N	AI for Multimedia Processing and Security	18/02/2023-22/02/2024
Aiswarya Mohan K	AI for Multimedia Processing and Security	18/02/2023-22/02/2025
Aiswarya Mohan K	Machine Learning Operations	02/02/2023-06/02/2023
Justy Jameson	Machine Learning Operations	02/02/2023-06/02/2023
Dheeraj N	Machine Learning Operations	02/02/2023-06/02/2023
Aiswarya Mohan K	Processing and Security of Digital Image	05/12/2023-09/12/2022
Aiswarya Mohan K	Demystifying Machine Learning Algorithm	10/11/2022-14/10/2022
Aiswarya Mohan K	STTP ON Artificial Intelligence and Application	29/08/2022-03/09/2022
Justy Jameson	Processing and Security of Digital Image	05/12/2023-09/12/2022
Justy Jameson	Advanced Research and Quality Publication	29/08/2022-02/09/2022
Dheeraj N	Processing and Security of Digital Image	05/12/2023-09/12/2022
Dheeraj N	Innovation in Recent Trends in Computing	28/11/2022-02/12/2022

NAAC COORDINATOR

*Pentley*

HOD, AM

*for  
Aiswarya*

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

5 Days Faculty Development Programme on

# AI for Multimedia Processing and Security



Sponsored by


ISEA project, Phase II, IIScT, Government of India

Organized by:

Department of Computer Science and Engineering  
**NATIONAL INSTITUTE OF TECHNOLOGY PATNA**


## *Certificate of Participation*

This is to certify that Dr./Mr./Ms. Justy Jameson from Mangalam College of Engineering has participated in 5 Days Faculty Development Programme on "AI for Multimedia Processing and Security" held from 18<sup>th</sup> -22<sup>nd</sup> February 2023.

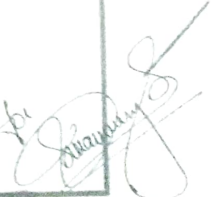
  
\_\_\_\_\_  
Dr. Shyam Singh Rajput  
Joint Coordinator



PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Erumangudi

  
\_\_\_\_\_  
Prof. (Dr.) Maheshwari Prasad Singh  
Joint Coordinator

HEAD OF DEPARTMENT  
Dept. of Computer Science and Engineering  
National Institute of Technology Patna





Serial No.: ISEA-II/AIMPS-2023/25

5 Days Faculty Development Programme on

# AI for Multimedia Processing and Security



Sponsored by:

ISEA project, Phase-II, MeitY, Government of India

Organized by:


Department of Computer Science and Engineering  
NATIONAL INSTITUTE OF TECHNOLOGY PATNA

## *Certificate of Participation*

This is to certify that Dr./Mr./Ms. DHEERAJ N from Mangalam college of engineering, Ettumanoor, Kottayam district, Kerala has participated in 5 Days Faculty Development Programme on "AI for Multimedia Processing and Security" held from **18<sup>th</sup> -22<sup>nd</sup> February 2023.**

  
Dr. Shyam Singh Rajput  
Joint Coordinator

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR

  
Prof. (Dr.) Maheshwari Prasad Singh  
Joint Coordinator



Serial No: ISEA-II/AIMPS-2023/24

5 Days Faculty Development Programme on

## AI for Multimedia Processing and Security



Sponsored by:

ISEA project, Phase-II, MeitY, Government of India

Organized by:

Department of Computer Science and Engineering  
NATIONAL INSTITUTE OF TECHNOLOGY PATNA

### *Certificate of Participation*

This is to certify that Dr./Mr./Ms. Aiswarya Mohan K from Mangalam college of engineering, Ettumanoor, Kottayam district, Kerala has participated in 5 Days Faculty Development Programme on "AI for Multimedia Processing and Security" held from **18<sup>th</sup> -22<sup>nd</sup> February 2023.**

Dr. Shyam Singh Rajput  
Joint Coordinator

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Prof. (Dr.) Maheshwari Prasad Singh  
Joint Coordinator



CHANDIGARH  
UNIVERSITY

NAAC  
GRADE **A+**  
Accredited University

ASIA  
UNIVERSITY  
RANKINGS  
RANKED NO. 2  
ASIA UNIVERSITY RANKINGS 2022

# CERTIFICATE OF PARTICIPATION

Faculty Development Program  
on  
MLOps

This is to certify that

**Aiswarya Mohan K**

Prof./Dr./Mr./Ms. \_\_\_\_\_

Successfully completed Five Days FDP on "MLOps (Machine Learning Operations)"  
Organized by AIT- CSE, Chandigarh University from 2nd February 2023 to 6th  
February 2023.



*Shikha Gupta*

Dr. Shikha Gupta  
Program Leader, AIML

*Rasmeet S. Bhatt*

Dr. Rasmeet S. Bhatt  
Additional Director-AIT-CSE

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Kuttumanoor

*B. Priestly Shan*

Dr. B. Priestly Shan  
Dean Academic Affairs

*Aiswarya Mohan K*



**CHANDIGARH  
UNIVERSITY**

**NAAC  
GRADE A+**  
Accredited University

ASIA  
UNIVERSITY  
RANKINGS  
RANKED NO. 2

# CERTIFICATE OF PARTICIPATION

## Faculty Development Program

on

## MLOps

This is to certify that

**Justy Jameson**

*Prof./Dr./Mr./Ms.* \_\_\_\_\_

Successfully completed Five Days FDP on "MLOps (Machine Learning Operations)"

Organized by AIT- CSE, Chandigarh University from 2nd February 2023 to 6th

February 2023.



*Shikha*

Dr. Shikha Gupta  
Program Leader, AIML

*Rasmeet*

Dr. Rasmeet S. Balli  
Additional Director-AIT-CSE

*Shan*

Dr. B. Priestly Shan  
Dean Academic Affairs

PRINCIPAL  
SCHOOL OF ENGINEERING  
CHANDIGARH UNIVERSITY

*Shikha*



CHANDIGARH  
UNIVERSITY

NAAC  
GRADE **A+**  
Accredited University

ASIA  
UNIVERSITY  
ANKINGS  
RANKED No. 1  
1000-10000

# CERTIFICATE OF PARTICIPATION

Faculty Development Program

on

MLOps

This is to certify that

**Dheeraj N**

Prof./Dr./Mr./Ms. \_\_\_\_\_

Successfully completed Five Days FDP on "MLOps (Machine Learning Operations)"  
Organized by AIT-CSE, Chandigarh University from 2nd February 2023 to 6th  
February 2023.



Dr. Shikha Gupta  
Program Leader, AIML

Dr. Rasmeet S. Bali  
Additional Director-AIT-CSE

PRINCIPAL  
COLLEGE OF ENGINEERING  
Dr. B. Priestly Shan  
Dean Academic Affairs

Serial No.: ISEA-II/PSDI-2022/6

One Week Faculty Development Programme on

# Processing and Security of Digital Images

Sponsored by:

ISEA project, Phase-II, MeitY, Government of India

Organized by:

Department of Computer Science and Engineering  
NATIONAL INSTITUTE OF TECHNOLOGY PATNA



## *Certificate of Participation*

This is to certify that Dr./Mr./Ms. Aiswarya Mohan K has participated in one-week Faculty Development Programme on "Processing and Security of Digital Images" organized by NIT Patna held from 5<sup>th</sup> -9<sup>th</sup> December 2022 under the "ISEA Project, Phase-II" of the Ministry of Electronics and Information Technology (MeitY), Government of India.

Dr. Shyam Singh Rajput  
Joint-Coordinator

Dr. Amit Kumar Singh  
Joint-Coordinator

PRINCIPAL

AGALAM COLLEGE OF ENGINEERING

Exam Hall

Dr. Maheshwari Prasad Singh  
Principal Coordinator



**Muthoot**

**Institute of Technology & Science**

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

**CERTIFICATE  
OF PARTICIPATION**

This is to certify that

**Aiswarya Mohan K**

has successfully completed five day faculty  
development programme on

**"DEMYSTIFYING MACHINE LEARNING ALGORITHMS"**

organized by Department of Artificial Intelligence & Data Science,  
Muthoot Institute of Technology & Science from 10 oct - 14 oct 2022

Dr. Jina Varghese  
Coordinator

Ms. Dimple Elizebeth Baby  
Coordinator

Dr. Sumani Mary Idicula  
HOD

Dr. Neelakantan P C  
Principal

ANGALAM COLLEGE OF ENGINEERING

Ettimamoor

# Certificate

OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY AWARDED TO :

Aiswarya Mohan K

OF

Mangalam college of engineering

FOR THE 6 DAYS STTP ON ARTIFICIAL INTELLIGENCE &  
APPLICATIONS CONDUCTED BY THE DEPARTMENT OF COMPUTER  
SCIENCE & ENGINEERING, MARIAN ENGINEERING COLLEGE,  
TRIVANDRUM FROM 29 AUG - 3 SEP 2022

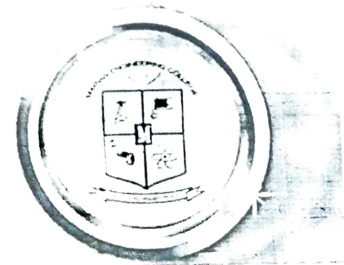


PROF. DR. SHEEJA AGUSTIN  
PROGRAM COORDINATOR



PROF. DR. JAYAPRAKASH  
HOD

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
First floor





Serial No.: ISEA-II/PSDI-2022/29

One Week Faculty Development Programme on

# Processing and Security of Digital Images



Sponsored by:

ISEA project, Phase-II, MeitY, Government of India

Organized by:

Department of Computer Science and Engineering  
NATIONAL INSTITUTE OF TECHNOLOGY PATNA

## Certificate of Participation

This is to certify that Dr./Mr./Ms. Justy Jameson has participated in one-week Faculty Development Programme on "Processing and Security of Digital Images" organized by NIT Patna held from 5<sup>th</sup> -9<sup>th</sup> December 2022 under the "ISEA Project, Phase-II" of the Ministry of Electronics and Information Technology (MeitY), Government of India.

Dr. Shyam Singh Rajput  
Joint-Coordinator

Dr. Amit Kumar Singh  
Joint-Coordinator

PRINCIPAL

SUNILAM COLLEGE OF ENGINEERING  
Ettumanoor

Dr. Maheshwari Prasad Singh  
Principal Coordinator



# FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)

An ISO 9001:2015 Certified Engineering College - Accredited by NAAC with 'A' Grade and NBA Accredited Programmes  
Hormis Nagar, Mookkannoor P O, Angamaly, Ernakulam Dt. Kerala, India, Pin - 683 577

## CERTIFICATE OF PARTICIPATION

This is certified that  
**Justy Jameson**  
Assistant professor

Mangalam college of engineering

participated and successfully completed one week International FDP on  
**Advanced Research and Quality Publication**  
at Federal Institute of Science and Technology (FISAT), Ernakulam, Kerala  
from 29/08/2022 to 02/09/2022.

Ms. Rose Mary Mathew  
Convenor

Dr. Sujesh P Lal  
Convenor

Dr. Deepa Mary Mathews  
HoD, Dept. of Computer Applications

Dr. Manoj George  
Principal

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Mookkannoor

Serial No.: ISEA-II/PSDI-2022/26

One Week Faculty Development Programme on

## Processing and Security of Digital Images



Sponsored by:

ISEA project, Phase-II, MeitY, Government of India

Organized by:

Department of Computer Science and Engineering  
**NATIONAL INSTITUTE OF TECHNOLOGY PATNA**

### *Certificate of Participation*

This is to certify that Dr./Mr./Ms. DHEERAJ N has participated in one-week Faculty Development Programme on "**Processing and Security of Digital Images**" organized by NIT Patna held from 5<sup>th</sup> -9<sup>th</sup> December 2022 under the "**ISEA Project, Phase-II**" of the **Ministry of Electronics and Information Technology (MeitY), Government of India.**

Dr. Shyam Singh Rajput  
Joint-Coordinator

Dr. Amit Kumar Singh  
Joint-Coordinator

Dr. Maheshwari Prasad Singh  
Principal Coordinator

Certificate No:- JISU/CSE/FDP-289



## Certificate of Participation

This is certified that Prof./Dr./Ms./Mr. DHEERAJ N  
from Mangalam college of engineering has participated in  
the *International FDP on Innovation in Recent Trends in Computing* organized  
by *Department of Computer Science Engineering of JIS University* on *28th  
November to 2nd December, 2022.*

A handwritten signature in black ink, appearing to be 'Dharmpal Singh'.

Dr. Dharmpal Singh  
Head of Department  
School of Engineering  
JIS University

INTERNATIONAL  
FDP ON INNOVATION  
IN RECENT TRENDS IN  
COMPUTING

*Shivaling*

6.3.4 Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year  
(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

BASIC SCIENCE AND HUMANITIES(2022-2023)		
Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
Ms. Sreelakshmi P.S	Artificial intelligence as a magical Tool For Teachers & Researchers	08/08/2023
Dr. Soumya Rajan	Advanced Materials For Technological Applications	24/03/2023-4/04/2023
Ms. Chippy Sudevan	Advanced Materials For Technological Applications	24/03/2023-4/04/2023
Ms. Chinchu Anna Varkey	Advanced Materials For Technological Applications	24/03/2023-4/04/2023
Ms. Sreelakshmi P.S	Pedagogical Excellence in ELT	13/02/2023 - 17/02/2023
Ms. Sruthi S	Pedagogical Excellence in ELT	13/02/2023 - 17/02/2023
Ms. Sruthi S	Crossdisciplinarity In Research	19/01/2023-24/01/2023
Ms. Sreelakshmi P.S	7 Day National Level Online FDP on OBE	18/01/2023-25/01/2023
Dr. Meenu M T	Research And Publication Ethics	22/10/2022-26/10/2022
Ms. Reshma Chandran	Research And Publication Ethics	22/10/2022-26/10/2022
Ms. Vidhya Vinayan	Research And Publication Ethics	22/10/2022-26/10/2022
Ms. Chinchu Anna Varkey	Raman Optronics Webinar Series-2022(VI Conference)	07/11/2022-07/12/2022
Ms. Chippy Sudevan	Raman Optronics Webinar Series-2022(VI Conference)	07/11/2022-07/12/2022
Dr. Soumya Rajan	Raman Optronics Webinar Series-2022(VI Conference)	07/11/2022-07/12/2022
Ms. Sruthi S	ELT in Digi-World:Developing Global Citizenship	27/06/2022-2/07/2022
Ms. Chinchu Anna Varkey	Research And Publication Ethics	22/10/2022-26/10/2022
Dr. Meenu M T	Advanced Materials For Technological Applications	24/03/2023-4/04/2023
Ms. Vidhya Vinayan	Advanced Materials For Technological Applications	24/03/2023-4/04/2023

*[Signature]*  
24/11/2023  
CRITERIA COORDINATOR

*[Signature]*  
24/11/23  
NAAC COORDINATOR

*[Signature]*  
20/11/23  
HOD

PRINCIPAL  
ANGALAM COLLEGE  
Ettuman

# CERTIFICATE of Participation

This certificate is presented to

**Sreelakshmi P. S**

For attending an online workshop 8th August, 2023 titled  
"Artificial Intelligence as a Magical Tool for Teachers & Researchers:  
Challenges and Opportunities" Organized by IQAC, Sacred Heart  
College (Autonomous), Thevara, Kochi-13



Principal  
DR. JOSE THURAVACKAL

SACRED  
HEART  
COLLEGE 

IQAC COORDINATOR  
DR. JOSEPH VARGHESE

 PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



**SATHYABAMA**  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

SCHOOL OF SCIENCE AND HUMANITIES  
DEPARTMENT OF PHYSICS

FACULTY DEVELOPMENT PROGRAM



**CERTIFICATE OF PARTICIPATION**

*This certificate is awarded to*

Dr. SOUMYA RAJAN, Associate Professor, Mangalam college of engineering, Kerala

*for the active participation in the Second International "Faculty Development Program on Advanced Materials for Technological Applications" organized by  
Department of Physics, Sathyabama Institute of Science and Technology between 24th March to 4th April 2023*

Dr.T.Sasiprabha  
Vice Chancellor

Dr.Rekha Chakravathy  
Dean, Arts and Science

Prof.S.Ravi Chandran  
Head, Department of Physics

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
MANGALAM



# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

SCHOOL OF SCIENCE AND HUMANITIES  
DEPARTMENT OF PHYSICS

FACULTY DEVELOPMENT PROGRAM



## CERTIFICATE OF PARTICIPATION

*This certificate is awarded to*

*Ms. CHIPPY SUDEVAN, Assistant Professor, Mangalam College of Engineering, Ettumanoor, Kerala*

*for the active participation in the Second International Faculty Development Program on  
"Advanced Materials for Technological Applications" organized by the Department of Physics,  
Sathyabama Institute of Science and Technology between 24th March to 4th April 2023.*

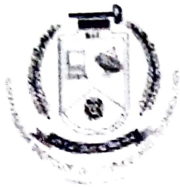
Dr. T. Sasi Prabha  
Vice Chancellor

Dr. Rekha Chakravathy  
Dean, Arts and Sciences

Dr. S. Ravi Chandran  
Head, Department of Physics

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR





**SATHYABAMA**  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

SCHOOL OF SCIENCE AND HUMANITIES  
DEPARTMENT OF PHYSICS

FACULTY DEVELOPMENT PROGRAM



**CERTIFICATE OF PARTICIPATION**

*This certificate is awarded to*

*Ms. CHINCHU ANNA VARKEY, Assistant Professor, MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR,  
KERALA*

*for the active participation in the Second International Faculty Development Program on  
"Advanced Materials for Technological Applications" organized by the Department of Physics,  
Sathyabama Institute of Science and Technology between 24th March to 4th April 2023.*

Dr. T. Sasi Prabha  
Vice Chancellor

Dr. Rekha Chakravathy  
Dean, Arts and Sciences

Dr. S. Ravi Chandran  
Head, Department of Physics

MANGALAM COLLEGE OF ENGINEERING  
PRINCIPAL



# Certificate

This certificate is PROUDLY PRESENTED TO

Sreelakshmi P S

Mangalam College of Engineering  
has delighted in the award of **Excellence in ELT** organized by School of Pedagogical  
of Liberal Arts and Science, Coimbatore, Tamil Nadu, for the period 2022 to 23  
February 2023

*R. Radhika*  
R. RADHIKA

*[Signature]*  
Principal

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor





# Certificate OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Sruthi S*

Mangalam College of Engineering  
Edumanoor, Tamil Nadu, India

has participated in the Faculty Development Programme on **Pedagogical  
Excellence in ELT** organized by School of English, Kumaraguru College  
of Liberal Arts and Science, Coimbatore, Tamil Nadu, India from 13 to 17

*[Signature]*  
DR. P. KALHANA

*[Signature]*  
SCHOOL OF ENGLISH  
KUMARAGURU COLLEGE OF ENGINEERING  
Edumanoor

*[Signature]*  
DR. V. RAJENDRAN





# The Kerala State Higher Education Council

[Constituted by Kerala State Legislature by notification No 19536/Leg.Uni.3/2007/Law Dated. Thiruvananthapuram 15<sup>th</sup> October 2007]

Science and Technology Museum Campus

Vikas Bhavan P.O., Thiruvananthapuram-695033

Website: [www.kshc.kerala.gov.in](http://www.kshc.kerala.gov.in). Email: [heckerala@gmail.com](mailto:heckerala@gmail.com)

Phone 0471-2301290-93, Fax: 0471-2301290

## Certificate of Participation

### Faculty Development Programme

This is to certify that **Ms. Sruthi S, Assistant Professor, Basic Science and Humanities Department, Mangalam College of Engineering, Ettumanoor** completed One-week Faculty Development Programme (online mode) in 'Crossdisciplinarity in Research' organised by the Faculty Development Centre of the Kerala State Higher Education Council from **19/01/2023 to 24/01/2023** for the selected faculty members from the Higher Education Institutions in Kerala.

Thiruvananthapuram  
24th January 2023



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR

*Rajan Varughese*

**Dr. Rajan Varughese**  
Member Secretary



**SES COLLEGE SREEKANDAPURAM**



The Kerala State Higher Education Council  
കേരളം ഉന്നത വിദ്യാഭ്യാസ കൗൺസിൽ

# CERTIFICATE

This is to certify that

**Sreelakshmi P S**

has completed

**7 Day National Level Online Faculty Development Program on Outcome Based Education (OBE)**

organised by S.E.S College, Sreekandapuram

in association with The Kerala State Higher Education Council (KSHEC)

from 18 January to 25 January 2023

HIEAGQnAp

**Dr. Mendus Jacob**  
FDP- Chief Resource Person  
Professor & Director MCA,  
Marian College, Kuttikkanam (Autonomous)  
MD & CEO, ipsr solutions limited.

PRINCIPAL  
S.E.S. COLLEGE OF ENGINEERING  
ETTUMANOOR



Dr. DOMINIC THOMAS  
Principal  
S.E.S. COLLEGE  
SREEKANDAPURAM

**Dr. Rajan Varughese**  
Member Secretary,  
Kerala State Higher Education Council



## CERTIFICATE

This is to certify that **Dr. Meenu M T, Assistant professor , Mangalam College of Engineering, Ettumanoor, Kottayam** has participated in the Five-day online Workshop on **“RESEARCH AND PUBLICATION ETHICS”** organized by the Internal Quality Assurance Cell (IQAC), Mar Athanasius College Kothamangalam from **22 to 26 October 2022.**



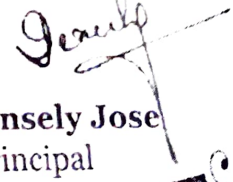
**Dr. Rajesh K. Thumbakara**  
Convenor, Dean of Research



**Dr. Julie Jacob**  
Co-ordinator



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



**Dr. Densely Jose**  
Principal

# MAR ATHANASIVUS COLLEGE (AUTONOMOUS)

Kothamangalam, Kerala – 686 666, India  
NAAC Accredited 'A+' Grade Institution



## CERTIFICATE

This is to certify that **RESHMA CHANDRAN**, Assistant Professor, Mangalam College of Engineering Ettumanoor Kottayam has participated in the Five-day online Workshop on “RESEARCH AND PUBLICATION ETHICS” organized by the Internal Quality Assurance Cell (IQAC), Mar Athanasius College Kothamangalam from **22 to 26 October 2022**.

**Dr. Rajesh K. Thumbakara**  
Convenor, Dean of Research

**Dr. Julie Jacob**  
Co-ordinator



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

**Dr. Densely Jose**  
Principal

# MAR ATHANASIUS COLLEGE (AUTONOMOUS)

Kothamangalam, Kerala – 686 666, India  
NAAC Accredited 'A+' Grade Institution



## CERTIFICATE

This is to certify that **VIDHYA VINAYAN**, Assistant Professor, Mangalam College of Engineering Etumanoor Kottayam has participated in the Five-day online Workshop on “**RESEARCH AND PUBLICATION ETHICS**” organized by the Internal Quality Assurance Cell (IQAC), Mar Athanasius College Kothamangalam from **22 to 26 October 2022**.

**Dr. Rajesh K. Thumbakara**  
Convenor, Dean of Research

**Dr. Julie Jacob**  
Co-ordinator



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Etumanoor

**Dr. Densely Jose**  
Principal





# ROWS '22

RAMAN OPTRONICS WEBINAR SERIES 2022  
VIRTUAL INTERNATIONAL CONFERENCE  
ORGANIZED BY RAMAN INTERNATIONAL OPTRONICS SOCIETY (RIOS)  
Email: [ramanoptronics@gmail.com](mailto:ramanoptronics@gmail.com) Website: <http://nos.ramanoptronics.in>  
(07.11.2022 to 07.12.2022)

## Certificate

*This certificate is presented to  
Chinchu Anna Varkey, Mangalam College of Engineering*

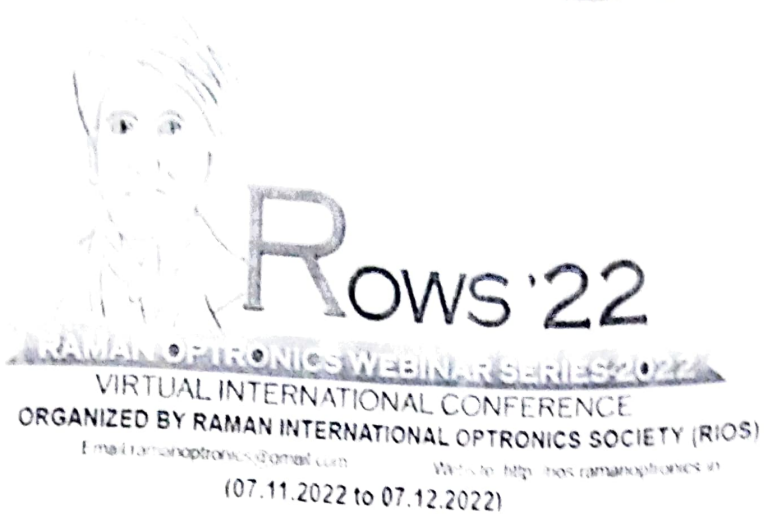
*in appreciation of his/her participation in ROWS 2022  
held on 07th November 2022 organised by RIOS.*

*Webinar on : New Raman-scattering selection rules with singular  
light.*

Dr. Humberto Cabrera  
Chairperson

Dr. Svetlana Von Gratowski  
Chairperson

Prof. S. Sankararaman  
Chairperson



RAMAN OPTONICS WEBINAR SERIES 2022  
VIRTUAL INTERNATIONAL CONFERENCE  
ORGANIZED BY RAMAN INTERNATIONAL OPTONICS SOCIETY (RIOS)  
E-mail: ramosoptronics@gmail.com Website: http://www.ramosoptronics.in  
(07.11.2022 to 07.12.2022)

# Certificate

This certificate is presented to  
Chippy Sudexan, Mangalam College of Engineering

in appreciation of his/her participation in ROWS 2022  
held on 28th November 2022 organised by RIOS.

Webinar on: *Controlling light with photonic nanostructures.*

**Dr. Humberto  
Cabrera**  
Chairperson

**Von Gratowski**  
Dr. Svetlana Von  
Gratowski  
Chairperson

**Prof. S.  
Sankararaman**  
Chairperson



# ROWS '22

RAMAN OPTONICS WEBINAR SERIES 2022

VIRTUAL INTERNATIONAL CONFERENCE

ORGANIZED BY RAMAN INTERNATIONAL OPTONICS SOCIETY (RIOS)

Email: ramanoptronics@gmail.com

Website: http://rios.ramanoptronics.in

(07.11.2022 to 07.12.2022)

## Certificate

This certificate is presented to

Dr. Soumya Rajan, Mangalam College of Engineering

in appreciation of his/her participation in ROWS 2022

held on 23rd November 2022 organised by RIOS.

Webinar on: *Strong light-matter Interactions in low-dimensional*

*extrinsic semiconductors*

Dr. Humberto

Cabrera

Chairperson

RAMAN INTERNATIONAL  
COLLEGE OF ENGINEERING  
Ettumanoor

Dr. Svetlana Von  
Gratowski

Chairperson

Prof. S.  
Sankararaman

Chairperson



**BHARAT**  
Institute of Engineering and Technology  
NAAC Accredited, NBA Accredited for UG Programmes, CBE, BCT, JEE & SO  
Approved by AICTE, New Delhi. Affiliated to JNTU/H

# Certificate of Participation

This is to certify that

**SRUTHI S**

from, Mangalam College of Engineering  
has successfully completed a One Week *Faculty Development Program* on  
" *ELT in Digi-World : Developing Global Citizenship* " organised by  
Department of Humanities, BIET, from June 27, 2022 to July 2, 2022 at  
Bharat Institute of Engineering and Technology, Hyderabad.

Batool Fatima Khaleel  
Convener & Organizer

Zehra Tahir  
Head, Dept. of English

Dr. Mummi Reddy  
Principal

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

# MAR ATHANASIUS COLLEGE (AUTONOMOUS)

Kothamangalam, Kerala – 686 666, India  
NAAC Accredited 'A+' Grade Institution



## CERTIFICATE

This is to certify that **Ms.Chinchu Anna Varkey, Assistant professor , Mangalam College of Engineering, Ettumanoor, Kottayam** has participated in the Five-day online Workshop on **“RESEARCH AND PUBLICATION ETHICS”** organized by the Internal Quality Assurance Cell (IQAC), Mar Athanasius College Kothamangalam from **22 to 26 October 2022.**

**Dr. Rajesh K.Thumbakara**  
Convenor, Dean of Research

**Dr. Julie Jacob**  
Co-ordinator



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

**Dr. Densely Jose**  
Principal



# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

SCHOOL OF SCIENCE AND HUMANITIES  
DEPARTMENT OF PHYSICS

FACULTY DEVELOPMENT PROGRAM



## CERTIFICATE OF PARTICIPATION

*This certificate is awarded to*

**Dr. MEENU M T** , Assistant Professor, Mangalam College of Engineering, Ettumanoor,  
Kerala

*for the active participation in the Second International "Faculty Development Program on Advanced Materials for  
Technological Applications" organized by Department of Physics, Sathyabama Institute of Science and Technology  
between 24th March to 4th April 2023.*

Dr. T. Sasiprabha  
Vice Cha

Dr. Rekha Chakravathy  
Professor  
Dean Arts and Science

Dr. S. Ravichandran  
Professor and Head  
Department of Physics

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
ETTMANOUR



# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

SCHOOL OF SCIENCE AND HUMANITIES  
DEPARTMENT OF PHYSICS



## CERTIFICATE OF PARTICIPATION

*This certificate is awarded to*

Ms. VIDHYA VINAYAN , Assistant Professor, Mangalam College of Engineering, Ettumanoor,  
Kerala

*for the active participation in the Second International Faculty Development Program on Advanced Materials for  
Technological Applications organized by Department of Physics Sathyabama Institute of Science and Technology  
between 24th March to 4th April 2023*

Dr. T. Sasiprabha  
Vice Cha

Dr. Rakha Chakraborty  
Professor  
Dean Arts and Science

Dr. S. Ravichandran  
Professor and Head  
Department of Physics

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

6.3.4 Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year  
(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

BASIC SCIENCE AND HUMANITIES(2022-2023)		
Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
Dr.D Ramesh Kumar	Smart materials and systems	29.05.23 - 02.06.23
Dr.R Radhakrishnan	Current Strategies in Civil Engineering	02-01-23-06-01-23
Dr.P.Swaminathan Dr.P.Swaminathan Dr.P.Swaminathan Dr.K.Arunkumar Dr.K.Arunkumar	Latest Analysis and Design Trends for Civil Engineering Structures	14/11/22 to 18/11/22
	Smart materials and systems	29.05.23 - 02.06.23
	Current Strategies in Civil Engineering	02-01-23-06-01-23
	Current Strategies in Civil Engineering	02-01-23-06-01-23
	Smart materials and systems	29.05.23 - 02.06.23
	Dr.Asha P Tom	Recent Advancements in Waste to Energy Technologies
Mr.Sreerench Ragavu	Smart materials and systems	29.05.23 - 02.06.23
Ms.Reni Kuruvilla	Current Research Trends in the Field of Civil Engineering	16-01-23 -20-01-23
Ms.Reni Kuruvilla	7 Day National Level Online Faculty Development Program on Outcome Based Education(OBE)	18.01.23-25.01.23
Mr.Gokul P V	Current Strategies in Civil Engineering	02-01-23-06-01-23
Ms.Geethu Lal Ms.Geethu Lal Mr.Abhijith Kumar A N Mr.Abhijith Kumar A N Mr.Richu George Varghese Mr.Richu George Varghese Mr.Richu George Varghese Mr.Richu George Varghese Lulu k makkar	Current Research Trends in the Field of Civil Engineering	16-01-23 -20-01-23
	Technological Advancements in Civil Engineering	19.06.23 to 23.06.23
	Innovation & Entrepreneurship Ecosystem Development	07.07.22-08.07.22
	Blooms Taxonomy in Teaching and Learning	16.02-23
	Sustainable Building Materials & Practices	20.02.23-24.02.23
	"Self Sustainable Buildings"	12.09.22-16.09.22
	Technological Advancements in Civil Engineering	19.06.23 to 23.06.23
	Current Research Trends in the Field of Civil Engineering	16-01-23 -20-01-23
	Induction Training Programme for Young Teachers	19.09.22-24.09.22

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Ms. Anju Raju	Geoenvironmental Engineering	26/9/22-30/9/22
Ms. Nimisha Annie Abraham	Geoenvironmental Engineering	26/9/22-30/9/22
Ms. Nimisha Annie Abraham	on Outcome Based Education(OBE)	18.01.23-25.01.23
Ms. Gladia Mathew	Futuristic Research Scope in Civil Engineering	23/08/22-27/08/22
Athira Jacob	Technological Advancements in Civil Engineering	19.06.23 to 23.06.23
Athira Jacob	Nanotechnology in Engineering for a Sustainable Future	11/01/23 - 13/01/23
Athira Jacob	Emerging Trends in Energy Efficient Building Construction	12/12/22- 16/12/22
Anila Mary Jacob	Conceptual approach to structural analysis and design	16-01-23 -20-01-23
Anila Mary Jacob	Smart materials and systems	29.05.23 - 02.06.23
Silpa Caroline James	Nanotechnology in Engineering for a Sustainable Future	11/01/23 - 13/01/23
Silpa Caroline James	Outcome based education and NBA accreditation	15-02-23 -17-02-23
Aswathy Sugu	Conceptual approach to structural analysis and design	16-01-23 -20-01-23
Aswathy Sugu	Technological Advancements in Civil Engineering	19.06.23 to 23.06.23
Aswathy Sugu	Outcome based education and NBA accreditation	15-02-23 -17-02-23
Aksharamol G Raj	Conceptual approach to structural analysis and design	16-01-23 -20-01-23
Aksharamol G Raj	Technological Advancements in Civil Engineering	19.06.23 to 23.06.23
Asha Jose	Emerging Trends in Energy Efficient Building Construction	12/12/22- 16/12/22
Vidya Mohan	Nanotechnology in Engineering for a Sustainable Future	11/01/23 - 13/01/23
Vidya Mohan	Outcome based education and NBA accreditation	15-02-23 -17-02-23

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ETIMENEER

*[Signature]*  
Dept. Criteria Co-ordinator

*[Signature]*  
Dept. NAAC Co-ordinator

*[Signature]*  
HOD / CE

*[Signature]*



# AICTE – VTU Joint Teachers Training Programme VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Centre for Post-Graduation Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) -562101.

One Week Online Teachers Training Program

On

“Smart Materials & Systems”

29<sup>th</sup> May - 02<sup>nd</sup> June 2023

## Certificate

This is to certify that Mr. /Mrs. /Dr. /Prof. RAMESHKUMAR D of MANGALAM COLLEGE OF ENGINEERING has participated and successfully completed One Week AICTE-VTU Joint Teachers Training Programme on “Smart Materials & Systems” from 29<sup>th</sup> May to 02<sup>nd</sup> June 2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.

**Dr. Thirtha Prasad H P**

Associate Professor,  
Dept. of Mechanical Engineering,  
VTU CPGS, Muddenahalli

**Dr. N. Chikkanna**

TU Coordinator, Professor & Chairman  
Dept. of Aerospace Engineering  
VTU CPGS, Muddenahalli.

**Dr. Rangaswamy B E**

Registrar  
Visvesvaraya Technological University,  
Belagavi.

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor





**SRI RANGANATHAR**

**INSTITUTE OF ENGINEERING AND TECHNOLOGY**

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Accredited by NAAC with "A+" Grade & ISO 9001:2015 Certified Institution

Athpalayam, Coimbatore - 641 110. Web site: sriet.ac.in Ph: 0422 2697792



# CERTIFICATE

## OF PARTICIPATION



This is to Certify that Dr./Prof./Mr./Ms./Mrs.Dr.R Radhakrishnan of Mangalam College of Engineering, kerala has participated in a 5 days International Level Faculty Development Program on *Current Strategies in Civil Engineering* organized by Department of Civil Engineering in Association with SQUADRONZ 22-23 from 02-01-2023 to 06-01-2023 at Sri Ranganathar Institute of Engineering and Technology, Coimbatore.

*C. Nandhini*

**Mrs. U. NANDHINI**  
coordinator

*A. Suresh Kumar*

**Dr. A. SURESH KUMAR**  
HoD/Civil

*H. Ganesan*

**Dr. H. GANESAN**  
Principal



Certificate No: ICT-18276/22

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*



**SWAMINATHAN P**

**MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR,  
KERALA**

*Participated in the AICTE Recognized Faculty Development Programme*

**on**

**Latest Analysis and Design Trends for Civil Engineering Structures**

*Conducted by*

**Civil Engineering Department**

**from**

**14/11/2022 to 18/11/2022 (One Week)**

**at**

**NITTTR, Chandigarh**



**Coordinator**

**PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor**

**Director**



Certificate No: AICTE/VTU/PRG/01/\*\*\*  
Certificate No: AICTE-VTU/CPGSM/2022-23/PRG-07/192

**AICTE – VTU Joint Teachers Training Programme**  
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
Centre for Post-Graduation Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) -562101.  
One Week Online Teachers Training Program



On  
"Smart Materials & Systems"  
29<sup>th</sup> May - 02<sup>nd</sup> June 2023

# Certificate

This is to certify that Mr. /Mrs. /Dr. /Prof. P.SWAMINATHAN of MANGALAM COLLEGE OF ENGINEERING has participated and successfully completed One Week AICTE-VTU Joint Teachers Training Programme on "Smart Materials & Systems" from 29<sup>th</sup> May to 02<sup>nd</sup> June 2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.

**Dr. Thirtha Prasad H P**  
Associate Professor,  
Dept. of Mechanical Engineering,  
VTU CPGS, Muddenahalli

**Dr. N. Chikkanna**  
TU Coordinator, Professor & Chairman  
Dept. of Aerospace Engineering  
VTU CPGS, Muddenahalli.

**Dr. Rangaswamy B E**  
Registrar  
Visvesvaraya Technological University,  
Belagavi.

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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



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Accredited by NAAC with "A+" Grade & ISO 9001:2015 Certified Institution

Athipalayam, Coimbatore - 641 110. Web site: sriet.ac.in Ph: 0422 2697792



# CERTIFICATE

OF PARTICIPATION



This is to Certify that Dr./Prof./Mr./Ms./Mrs. Dr.P.Swaminathan of Mangalam College of Engineering, kerala has participated in a 5 days International Level Faculty Development Program on *Current Strategies in Civil Engineering* organized by Department of Civil Engineering in Association with SQUADRONZ 22-23 from 02-01-2023 to 06-01-2023 at Sri Ranganathar Institute of Engineering and Technology, Coimbatore.

**Mrs. U. NANDHINI**  
coordinator

**Dr. A. SURESH KUMAR**  
HoD/Civil

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

**Dr. H. GANESAN**  
Principal



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Athipalayam, Coimbatore - 641 110. Web site: sriet.ac.in Ph: 0422 2697792

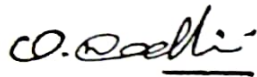


**CERTIFICATE**

**OF PARTICIPATION**



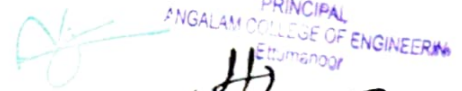
This is to Certify that Dr./Prof./Mr./Ms./Mrs. Dr. K. ARUNKUMAR of Mangalam College of Engineering has participated in a 5 days International Level Faculty Development Program on *Current Strategies in Civil Engineering* organized by Department of Civil Engineering in Association with SQUADRONZ 22-23 from 02-01-2023 to 06-01-2023 at Sri Ranganathar Institute of Engineering and Technology, Coimbatore.



**Mrs. U. NANDHINI**  
coordinator



**Dr. A. SURESH KUMAR**  
HoD/Civil

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
ETTMANOHUR

**Dr. H. GANESAN**  
Principal



# AICTE – VTU Joint Teachers Training Programme VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Centre for Post-Graduation Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) -562101.  
One Week Online Teachers Training Program.



On

**“Smart Materials & Systems”**

29<sup>th</sup> May - 02<sup>nd</sup> June 2023

## *Certificate*

*This is to certify that Mr. /Mrs. /Dr. /Prof. ARUNKUMAR KADARKARAI of MANGALAM COLLEGE OF ENGINEERING has participated and successfully completed One Week AICTE-VTU Joint Teachers Training Programme on “Smart Materials & Systems” from 29<sup>th</sup> May to 02<sup>nd</sup> June 2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.*

**Dr. Thirtha Prasad H P**  
Associate Professor,  
Dept. of Mechanical Engineering,  
VTU CPGS, Muddenahalli

**Dr. N. Chikkanna**  
TU Coordinator, Professor & Chairman  
Dept. of Aerospace Engineering  
VTU CPGS, Muddenahalli.

**Dr. Rangaswamy B E**  
Registrar  
Visvesvaraya Technological University,  
Belagavi.

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
B E Manandoor





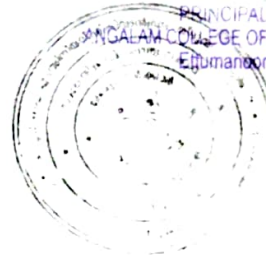
**COLLEGE OF ENGINEERING TRIVANDRUM**  
Department of Technical Education, Government of Kerala

**CERTIFICATE**

This is to certify that Sri./Smt./Dr. DR. ASHA P TOM, has participated in the training programme on *Recent Advancements in Waste to Energy Technologies* from 09/01/2023 to 14/01/2023, held at Online organised by the College of Engineering Trivandrum.

Dr. Sumi S  
Co-ordinator

Dr. Lea Mathew  
Co-Coordinator



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COLLEGE OF ENGINEERING  
Trivandrum

Dr. Suresh Babu V  
Principal



# AICTE – VTU Joint Teachers Training Programme VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Centre for Post-Graduation Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) -562101.  
One Week Online Teachers Training Program



On

**“Smart Materials & Systems”**

29<sup>th</sup> May - 02<sup>nd</sup> June 2023

## *Certificate*

*This is to certify that Mr. /Mrs. /Dr. /Prof. SREERENCH RAGHAVU of MANGALAM COLLEGE OF ENGINEERING has participated and successfully completed One Week AICTE–VTU Joint Teachers Training Programme on “Smart Materials & Systems” from 29<sup>th</sup> May to 02<sup>nd</sup> June 2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.*

**Dr. Thirtha Prasad H P**  
Associate Professor,

Dept. of Mechanical Engineering,  
VTU CPGS, Muddenahalli

**Dr. N. Chikkanna**

TU Coordinator, Professor & Chairman  
Dept. of Aerospace Engineering  
VTU CPGS, Muddenahalli.

**Dr. Rangaswamy B E**

Registrar  
Visvesvaraya Technological University,  
Belagavi.

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Ettumanoor



OPJU

**OP JINDAL UNIVERSITY, RAIGARH**

OP Jindal Knowledge Park, Punjipathra, Raigarh, Chhattisgarh - 496109



**Five Day Online Faculty Development Program**

on

**Current Research Trends in Field of Civil Engineering**

**January 16-20, 2023**

*Certificate of Participation*

This is certified that MrsRENI KURUVILLA

from Mangalam College of Engineering

has participated in Five Day Online Faculty Development Program on "*Current Research Trends in Field of Civil Engineering*" organised by Department of Civil Engineering in association with Academic Staff College, OP Jindal University.

Faculty Coordinators

**Dr. Swapnasri Kar**  
Assistant Professor  
Dept. of Civil Engineering, OPJU Raigarh

**Dr. Anurag Sharma**  
Assistant Professor  
Dept. of Civil Engineering, OPJU Raigarh

Chairman

**Dr. Mahasakti Mahamaya**  
Head  
Dept. of Civil Engineering, OPJU Raigarh

Patron

**Dr. R.D. Patidar**  
Vice Chancellor  
OPJU Raigarh

PRINCIPAL

MANGALAM COLLEGE OF ENGINEERING

RAIGARH, CHHATTISGARH



# CERTIFICATE

This is to certify that

**Reni Kuruvilla**

has completed

**7 Day National Level Online Faculty Development Program on Outcome Based Education (OBE)**

organised by S.E.S College, Sreekandapuram

in association with The Kerala State Higher Education Council (KSHEC)

from 18 January to 25 January 2023



*Handwritten signature*

**Dr. DOMINIC THOMAS**  
Principal  
**S.E.S. COLLEGE**  
**SREEKANDAPURAM**

bB8FuVrtN2

*Handwritten signature of Dr. Mendus Jacob*

**Dr. Mendus Jacob**  
FDP- Chief Resource Person  
Professor & Director MCA,  
Marian College, Kuttikkanam (Autonomous)  
MD & CEO, ipsr solutions limited.

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Ettumanoor



*Handwritten initials*

*Handwritten signature of Dr. Rajan Varughese*

**Dr. Rajan Varughese**  
Member Secretary,  
Kerala State Higher Education Council



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**INSTITUTE OF ENGINEERING AND TECHNOLOGY**

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)

Accredited by NAAC with "A+" Grade & ISO 9001:2015 Certified Institution

Athipalayam, Coimbatore - 641 110. Web site: sriet.ac.in Ph: 0422 2697792



# CERTIFICATE

## OF PARTICIPATION



This is to Certify that Dr./Prof./Mr./Ms./Mrs. Mr Gokul P V of Mangalam College of Engineering, kerala has participated in a 5 days International Level Faculty Development Program on *Current Strategies in Civil Engineering* organized by Department of Civil Engineering in Association with SQUADRONZ 22-23 from 02-01-2023 to 06-01-2023 at Sri Ranganathar Institute of Engineering and Technology, Coimbatore.

**Mrs. U. NANDHINI**  
coordinator

**Dr. A. SURESH KUMAR**  
HoD/Civil

**Dr. H. GANESAN**  
Principal



**OP JINDAL UNIVERSITY, RAIGARH**  
OP Jindal Knowledge Park, Punjipathra, Raigarh, Chhattisgarh - 496109



**Five Day Online Faculty Development Program  
on**

# **Current Research Trends in Field of Civil Engineering**

**January 16-20, 2023**

## **Certificate of Participation**

This is certified that Mrs. Geethu Lal  
from Mangalam College of Engineering

has participated in Five Day Online Faculty Development Program on *“Current Research Trends in Field of Civil Engineering”* organised by Department of Civil Engineering in association with Academic Staff College, OP Jindal University.

Faculty Coordinators

**Dr. Swapnasari Kar**  
Assistant Professor  
Dept. of Civil Engineering, OPJU Raigarh

**Dr. Anurag Sharma**  
Assistant Professor  
Dept. of Civil Engineering, OPJU Raigarh

Chairman

**Dr. Maheswari Mahamaya**  
Head  
Dept. of Civil Engineering, OPJU Raigarh

Patron

**Dr. H.D. Patidar**  
Vice-Chancellor  
OPJU Raigarh

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Ettumanoor



**MANGALAM**  
**COLLEGE OF ENGINEERING**

Ettumanoor, Kottayam, 0481-2710120, mangalam.edu.in

- Affiliated to KTU
- Approved by AICTE
- Accredited by NAAC



## DEPARTMENT OF CIVIL ENGINEERING

"TECHNOLOGICAL ADVANCEMENTS IN CIVIL ENGINEERING"

June (19-23), 2023

Certificate of Participation

This certificate is awarded to

**Ms. Geethu Lal**

**Assistant Professor**

**Mangalam College of**

**Engineering.**

for the participation in the five days  
Faculty Development Program.

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

**Dr. Asha P Tom,**  
Organizing Secretary,  
Department of Civil  
Engineering, MLMCE

**Dr. D. Ramesh Kumar,**  
HOD, Department of Civil  
Engineering, MLMCE

**Dr. Vinodh P Vijayan**  
Principal,  
MLMCE

# Two-day Residential Faculty Development Programme on Innovation & Entrepreneurship Ecosystem Development



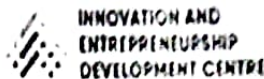
7 & 8 July 2022



*Organized By*

**Makerhub IEDC & Startups Valley TBI Amal Jyothi College of Engineering**

*In association with*



## Certificate of Participation

This is to certify that

**ABHIJITH KUMAR A N**

of

**Mangalam College of Engineering, Kottayam**

has participated in the

“Two-day Residential Faculty Development Programme on  
Innovation & Entrepreneurship Ecosystem Development”  
organized by Makerhub IEDC & Startups Valley TBI

Amal Jyothi College of Engineering on

07 and 08 July 2022

Prof. Sherin Sam Jose  
Coordinator

Faculty Development Programme

Dr. Lillykutty Jacob  
Principal

Amal Jyothi College of Engineering

ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor





# CERTIFICATE OF PARTICIPATION

PROUDLY PRESENTED TO

**ABHIJITH KUMAR A.N**

**Mangalam College of Engineering**

in recognition of his / her participation in the one day FDP on  
“Blooms Taxonomy in Teaching and Learning”  
organized by SanSnow’s Nobel Professional Foundation  
(Approved by MSME and Ministry of Corporate Affairs,  
Government of India) on February 16, 2023.

Founder

Managing Director

ANGALAM PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING

Registered Under



MINISTRY OF  
CORPORATE  
AFFAIRS



MSME  
MICRO, SMALL & MEDIUM ENTERPRISES



YASHODA SHIKSHAN PRASARAK MANDAL'S  
**YASHODA TECHNICAL CAMPUS, SATARA**



(Wadhe, NH4, Satara 415 011, Maharashtra (India) Tel: 02162-271239, [www.yes.edu.in](http://www.yes.edu.in))  
Approved by AICTE, PCI, New Delhi, DTE, MSBTE Maharashtra. Affiliated to DBATU Lonere.



*This is to Certify that*

**Mr. Richu George Varghese**

*has participated and successfully completed the One Week Faculty Development Program on “Sustainable Building Materials & Practices” held during 20/02/2023 - 24/02/2023 Organized by the Department of Civil Engineering, Yashoda Technical Campus, Faculty of Engineering, Satara in association with ISTE Faculty Chapter. We wish him/her all the success in future endeavors.*

*ShahAB*  
FDP Co-ordinator  
Civil Engineering

*[Signature]*  
HOD  
Civil Engineering  
PRINCIPAL  
YASHODA TECHNICAL CAMPUS OF ENGINEERING  
SATARA  
*[Signature]*  
Secretary  
ISTE Faculty Chapter

*[Signature]*  
Principal  
YTC, Satara



# PRESIDENCY UNIVERSITY



Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956  
Approved by AICTE, New Delhi | Approved By BCI  
Bengaluru



PU-CIV-SSB-185

## Certificate of Participation

This is to certify that

*Mr. Richu George Varghese*

from

**Mangalam College of Engineering**

has actively participated in the 5 day Short Term Training Program on “Self Sustainable Buildings” organised by Department of Civil Engineering , Presidency University, Bengaluru in association with Karnataka Science and Technology Academy (KSTA) from 12 September 2022 to 16 September 2022.

Dr. Jagdish H Godihal  
Coordinator - STTP-SSB and  
Deputy Dean - Academic Research

Dr. Nakul Ramanna  
Professor and Head,  
Department of Civil Engineering

Dr. S. B. Anadinni  
Associate Dean (Core Branches),  
School of Engineering

Dr. Abdul Sharief  
Dean,  
School of Engineering

Dr. A M Ramesh  
Chief Executive Officer,  
Karnataka Science and Technology Academy (KSTA)



**MANGALAM** • Affiliated to KTU  
**COLLEGE OF ENGINEERING** • Approved by AICTE  
• Accredited by NAAC

Ettumanoor, Kottayam, 0481-2710120, mangalam.edu.in



## DEPARTMENT OF CIVIL ENGINEERING

"TECHNOLOGICAL ADVANCEMENTS IN CIVIL ENGINEERING"

June (19-23), 2023

Certificate of Participation

This certificate is awarded to

**Mr. Richu George Varghese**

Assistant Professor

Mangalam College of

Engineering.

for the participation in the five days

Faculty Development Program.

**Dr. Asha P Tom,**  
Organizing Secretary,  
Department of Civil  
Engineering, MLMCE

**Dr. D. Ramesh Kumar,**  
HOD, Department of Civil  
Engineering, MLMCE

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

**Dr. Vinodh P Vijayan**  
Principal,  
MLMCE



**OP JINDAL UNIVERSITY, RAIGARH**  
OP Jindal Knowledge Park, Punjipathra, Raigarh, Chhattisgarh - 496109



**Five Day Online Faculty Development Program**  
on  
**Current Research Trends in Field of Civil Engineering**  
January 16-20, 2023

*Certificate of Participation*

This is certified that Mr Richu George Varghese  
from Mangalam College of Engineering  
has participated in Five Day Online Faculty Development Program on "**Current Research Trends in Field of Civil Engineering**" organised by Department of Civil Engineering in association with Academic Staff College, OP Jindal University.

Faculty Coordinators

Dr. Swapnaselt Kar  
Assistant Professor  
Dept. of Civil Engineering, OPJU Raigarh

Dr. Anurag Sharma  
Assistant Professor  
Dept. of Civil Engineering, OPJU Raigarh

Chairman

Dr. Mahasakti Mahamaya  
Head  
Dept. of Civil Engineering, OPJU Raigarh

Patron

Dr. R.D. Patilkar  
Vice Chancellor  
OPJU Raigarh

MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**  
CET Campus, Thiruvananthapuram, Kerala-695016

# CERTIFICATE OF PARTICIPATION

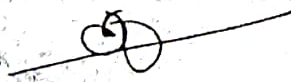
This is to certify that

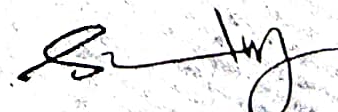
*Mr. Lulu K Makkar*

**Assistant Professor**

has successfully completed **INDUCTION TRAINING PROGRAMME FOR  
YOUNG TEACHERS** organized by the Human Resource Development Centre  
from 19<sup>th</sup> to 24<sup>th</sup> September 2022.

24/09/2022

  
**Dr. K Gopakumar**  
IQAC Coordinator

  
**Dr. Shalij P R**  
Dean (Academics)

APJ ABDUL KALAM  
TECHNOLOGICAL UNIVERSITY  
CENTRAL  
COLLEGE OF ENGINEERING  
Thiruvananthapuram



RSET

RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY  
AUTONOMOUS

# RAJAGIRI

SCHOOL OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

Affiliated to A.P. J. Abdul Kalam Technological University, Kerala | Approved by AICTE, New Delhi

Accredited by NAAC with A Grade | NBA Accredited Programmes | UGC-2(f) Status



## CERTIFICATE

OF PARTICIPATION

SUSTAINABLE DEVELOPMENTS AND PRACTICES IN GEOTECHNICAL &  
GEOENVIRONMENTAL ENGINEERING

This certificate is presented to

**Ms. ANJU RAJU**

for actively participating in the 5-Day APJKTU Sponsored Faculty Development Program on  
"Sustainable Developments and Practices in Geotechnical & Geoenvironmental Engineering",  
held from 26<sup>th</sup> September 2022 to 30<sup>th</sup> September 2022, organized by the Department of Civil  
Engineering, Rajagiri School of Engineering & Technology.

Mr. Jayakumar J.  
Programme Coordinator

PRINCIPAL  
ANJALI AM COLLEGE OF ENGINEERING  
MADURAI

Mr. Ajil Sasindran  
Programme Coordinator

Dr. Rajeev Kumar P.  
Programme Convenor & HoD

Principal

Rajagiri Valley, Kochi-682 039, Kerala, India

Tel: +91 484 2660999 | Email: office@rajagiritech.edu.in | www.rajagiritech.ac.in



# RAJAGIRI

**SCHOOL OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)**

Affiliated to A.P. J. Abdul Kalam Technological University, Kerala | Approved by AICTE, New Delhi  
Accredited by NAAC with A Grade | NBA Accredited Programmes | UGC-2(f) Status



## CERTIFICATE

OF PARTICIPATION

**SUSTAINABLE DEVELOPMENTS AND PRACTICES IN GEOTECHNICAL & GEOENVIRONMENTAL ENGINEERING**

This certificate is presented to

**MS. NIMISHA ANNIE ABRAHAM**

for actively participating in the **5-Day APJKTU Sponsored Faculty Development Program** on  
“Sustainable Developments and Practices in Geotechnical & Geoenvironmental Engineering”,  
held from 26<sup>th</sup> September 2022 to 30<sup>th</sup> September 2022, organized by the Department of Civil  
Engineering, Rajagiri School of Engineering & Technology.

Mr. Jayakumar J  
Programme Coordinator

Mr. Ajil Sasindran  
Programme Coordinator

Dr. Rajeev Kumar P  
Programme Convenor & HoD

Prof. Dr. Sreejith P. S.  
Principal



# CERTIFICATE

This is to certify that

**Nimisha Annie Abraham**

has completed

**7 Day National Level Online Faculty Development Program on Outcome Based Education (OBE)**

organised by S.E.S College, Sreekandapuram

in association with The Kerala State Higher Education Council (KSHEC)


from 18 January to 25 January 2023

\*\*\*

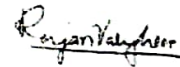
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**Dr. Mendus Jacob**  
FDP- Chief Resource Person  
Professor & Director MCA,  
Marian College, Kuttikkanam (Autonomous)  
MD & CEO, ipsr solutions limited.

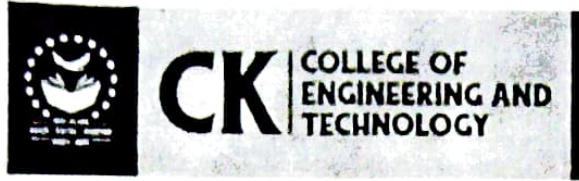
  
FUNDING  
**ANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor





**Dr. Rajan Varughese**  
Member Secretary,  
Kerala State Higher Education Council

  
**Dr. DOMINIC THOMAS**  
Principal  
**S.E.S. COLLEGE**  
**SREEKANDAPURAM**




CAVINKARE PATRONIZED INSTITUTIONS

DEPARTMENT OF CIVIL ENGINEERING  
*Certificate of Participation*

This is to certify that Dr. / Mr. / Ms. / Mrs. / Prof. Ms.Gladia Mathew  
of MANGALAM has  
participated in one week national level Faculty Development Program on “Futuristic  
Research Scope in Civil Engineering” organized by the Department of Civil Engineering,  
CK College of Engineering and Technology, Cuddalore, Tamilnadu, India. from 23<sup>rd</sup> August to  
27<sup>th</sup> August 2022.

  
Dr. K. Malliswaran  
Professor & HOD/ Convener

  
Dr. S. Saravanan  
Principal - CK College of Engineering and Technology

  
Ms. Amudhavalli Ranganathan  
Executive Director - CK Group of Institutions

Certificate ID: PO94AO-CE000086

  
MANGALAM COLLEGE OF ENGINEERING AND TECHNOLOGY  
Cuddalore





**MANGALAM** • Affiliated to KTU  
**COLLEGE OF ENGINEERING** • Approved by AICTE  
• Accredited by NAAC



Ettumanoor, Kottayam, 0481-2710120, mangalam.edu.in

## DEPARTMENT OF CIVIL ENGINEERING

"TECHNOLOGICAL ADVANCEMENTS IN CIVIL ENGINEERING"

June (19-23), 2023

Certificate of Participation

This certificate is awarded to

**Ms. Athira Jacob**

**Assistant Professor**

**Mangalam College of  
Engineering.**

for the participation in the five days  
Faculty Development Program.

**Dr. Asha P Tom,**  
Organizing Secretary,  
Department of Civil  
Engineering, MLMCE

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING

**Dr. D. Ramesh Kumar,**  
MOD, Department of Civil  
Engineering, MLMCE

**Dr. Vinodh P Vijayan**  
Principal,  
MLMCE



# CERTIFICATE


## OF PARTICIPATION

This is to certify that

**Ms. Athira Jacob**

has participated in KTU sponsored 5 day Faculty Development Programme on **"EMERGING TRENDS IN ENERGY EFFICIENT BUILDING CONSTRUCTION"**, organized by Department of Civil Engineering, Toc H Institute of Science & Technology, Arakkunnam, Ernakulam, Kerala, held from 12-12-2022 to 16-12-2022.

  
**Asst. Prof. Sahmel Eldhose**  
Coordinator

  
PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

  
**Asso. Prof. (Dr.) Vasudev R**  
Convener, HOD

  
**Prof. (Dr.) Preethi Thekkath**  
Principal





# TKM INSTITUTE OF TECHNOLOGY

Musaliar Hills, Karuvellil P.O, Ezhukone, Kollam

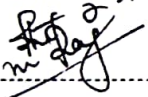
DEPARTMENT OF CIVIL ENGINEERING



## CERTIFICATE OF PARTICIPATION



This is to certify that ~~Dr./Mr./Ms.~~ ANILA MARY JACOB, ..... from MANGALAM COLLEGE OF ENGINEERING, ETUMANOOR. has participated in the five day Faculty Development Programme on “Conceptual Approach to Structural Analysis and Design” organized by the Department of Civil Engineering and sponsored by APJ Abdul Kalam Technological University, Kerala from 16<sup>th</sup> to 20<sup>th</sup> January, 2023.

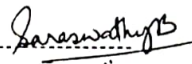
  
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Ms. Nitha Raj

Course Coordinators

  
-----

Ms. Roshni Roy

  
-----

Dr. Saraswathy B.

HoD

  
-----

Dr. Jose Prakash M.

Principal

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
ETUMANOOR



Certificate No: AICTE-VTU/CPGSM/2022-23/PRG-07/177

# AICTE – VTU Joint Teachers Training Programme VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Centre for Post-Graduation Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) -562101.

One Week Online Teachers Training Program

On

**“Smart Materials & Systems”**

**29<sup>th</sup> May - 02<sup>nd</sup> June 2023**

## *Certificate*

*This is to certify that Mr. /Mrs. /Dr. /Prof. ANILA MARY JACOB of MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR has participated and successfully completed One Week AICTE-VTU Joint Teachers Training Programme on “Smart Materials & Systems” from 29<sup>th</sup> May to 02<sup>nd</sup> June 2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.*

**Dr. Thirtha Prasad H P**  
Associate Professor,  
Dept. of Mechanical Engineering,  
VTU CPGS, Muddenahalli

**Dr. N. Chikkanna**  
TU Coordinator, Professor & Chairman  
Dept. of Aerospace Engineering  
VTU CPGS, Muddenahalli.

PRINCIPAL

MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

**Dr. Rangaswamy B E**  
Registrar  
Visvesvaraya Technological University,  
Belagavi.



SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING,  
KADAYIRUPPU, ERNAKULAM, KERALA - 682311  
Ph.No: 04842597800, info@sngce.ac.in, www.sngce.ac.in



# Certificate of Participation

☞ This is presented to ☞

Ms. Silpa Caroline James

for successfully participating in KTU sponsored three days Faculty Development Programme on "Nanotechnology in Engineering for a Sustainable Future" organised by the Department of Civil Engineering, Sree Narayana Gurukulam College of Engineering, Kadayiruppu, Ernakulam, Kerala held from 11.01.2023 to 13.01.2023.

Asst. Prof. Reshmi P R  
Coordinator

Prof. (Dr.) Usha S  
Convener, HOD

Prof. (Dr.) Kemthose Paul  
Principal

ERNAKULAM COLLEGE OF ENGINEERING  
Ettumanoor

# CERTIFICATE OF PARTICIPATION

*This is to certify that*

17<sup>th</sup> February 2023

*Ms. SILPA CAROLINE JAMES*

*Assistant Professor*


*Mangalam college of Engineering*


*has participated in the 3 day Faculty Development Program on*

***"OUTCOME BASED EDUCATION & NBA ACCREDITATION"***

*organized by Eranad Knowledge City Technical campus, Manjeri*


*Department of Civil Engineering during the period 15<sup>th</sup> February to 17<sup>th</sup> February 2023*

  
Course Co-ordinator

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

  
Head of the Department



  
Principal







# TKM INSTITUTE OF TECHNOLOGY

Musaliar Hills, Karuvelil P.O, Ezhukone, Kollam

DEPARTMENT OF CIVIL ENGINEERING



## CERTIFICATE OF PARTICIPATION



This is to certify that ~~Dr.~~Mr./Ms. ASWATHY. SUGU,..... from MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR... has participated in the five day Faculty Development Programme on “Conceptual Approach to Structural Analysis and Design” organized by the Department of Civil Engineering and sponsored by APJ Abdul Kalam Technological University, Kerala from 16<sup>th</sup> to 20<sup>th</sup> January, 2023.

Ms. Nitha Raj

Ms. Roshni Roy

Course Coordinators

Dr. Saraswathy B.

HoD

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Dr. Jose Prakash M.

Principal



**MANGALAM**  
**COLLEGE OF ENGINEERING**

- Affiliated to KTU
- Approved by AICTE
- Accredited by NAAC



Ettumanoor, Kottayam, 0481-2710120, mangalam.edu.in

## DEPARTMENT OF CIVIL ENGINEERING

"TECHNOLOGICAL ADVANCEMENTS IN CIVIL ENGINEERING"

June (19-23), 2023

**Certificate of Participation**

This certificate is awarded to

**Ms. Aswathy Sugu**

**Assistant Professor**

**Mangalam College of**

**Engineering.**

for the participation in the five days

Faculty Development Program.

**Dr. Asha P Tom,**  
Organizing Secretary,  
Department of Civil  
Engineering, MLMCE

**Dr. D. Ramesh Kumar,**  
HOD, Department of Civil  
Engineering, MLMCE

**Dr. Vinodh P Vijayan**  
Principal,  
MLMCE

# CERTIFICATE OF PARTICIPATION

*This is to certify that*

17<sup>th</sup> February 2023

*Ms. ASWATHY SUGU*

*Assistant Professor*

*Mangalam College of Engineering*

*has participated in the 3 day Faculty Development Program on*

**"OUTCOME BASED EDUCATION & NBA ACCREDITATION"**

*organized by Eranad Knowledge City Technical campus, Manjeri*

*Department of Civil Engineering during the period 15<sup>th</sup> February to 17<sup>th</sup> February 2023*



Course Co-ordinator



Head of the Department



Principal





# TKM INSTITUTE OF TECHNOLOGY

Musaliar Hills, Karuvelil P.O, Ezhukone, Kollam

DEPARTMENT OF CIVIL ENGINEERING



## CERTIFICATE OF PARTICIPATION



This is to certify that Dr./Mr./Ms. AKSHARAMOL C. RAJ..... from  
MANIMALAM COLLEGE OF ENGINEERING, ETTUMANOOR. has participated in the five day  
 Faculty Development Programme on “Conceptual Approach to Structural Analysis and Design”  
 organized by the Department of Civil Engineering and sponsored by APJ Abdul Kalam Technological  
 University, Kerala from 16<sup>th</sup> to 20<sup>th</sup> January, 2023.

.....

Ms. Nitha Raj

Course Coordinators

.....

Ms. Roshni Roy

.....

Dr. Saraswathy B.

HoD

.....

Dr. Jose Prakash M.

Principal

ANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR



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• Accredited by NAAC

Ettumanoor, Kottayam, 0481-2710120, mangalam.edu.in



## DEPARTMENT OF CIVIL ENGINEERING

"TECHNOLOGICAL ADVANCEMENTS IN CIVIL ENGINEERING"

June (19-23), 2023

Certificate of Participation

This certificate is awarded to

**Ms. Aksharamol G Raj**

**Assistant Professor**

**Mangalam College of**

**Engineering.**

for the participation in the five days  
Faculty Development Program.

**Dr. Asha P Tom,**  
Organizing Secretary,  
Department of Civil  
Engineering, MLMCE

**Dr. D. Ramesh Kumar,**  
HOD, Department of Civil  
Engineering, MLMCE

**Dr. Vinodh P Vijayan**  
Principal,  
MLMCE

MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# CERTIFICATE

## OF PARTICIPATION


This is to certify that

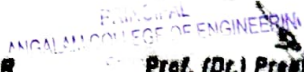
**Ms. Asha Jose**

has participated in KTU sponsored 5 day Faculty Development Programme on **"EMERGING TRENDS IN ENERGY EFFICIENT BUILDING CONSTRUCTION"**, organized by Department of Civil Engineering, Toc H Institute of Science & Technology, Arakkunnam, Ernakulam, Kerala, held from 12-12-2022 to 16-12-2022.

  
**Asst.Prof. Sahimol Eidiyasa**  
Coordinator

  
**Asso. Prof. (Dr.) Vasudev R**  
Convener, HOD

  
**Prof. (Dr.) Preethi Thekkath**  
Principal







SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING,  
KADAYIRUPPU, ERNAKULAM, KERALA - 682311  
Ph.No: 04842597800, info@sngce.ac.in, www.sngce.ac.in



# Certificate of Participation

This is presented to

Ms. Vidya Mohan

for successfully participating in KTU sponsored three days Faculty Development Programme on "Nanotechnology in Engineering for a Sustainable Future" organised by the Department of Civil Engineering, Sree Narayana Gurukulam College of Engineering, Kadayiruppu, Ernakulam, Kerala held from 11.01.2023 to 13.01.2023.

Asst. Prof. Reshmi P R  
Coordinator

Prof. (Dr.) Usha S  
Convener, HOD

Prof. (Dr.) Kemthose Paul  
Principal

PRINCIPAL  
SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING

# CERTIFICATE OF PARTICIPATION

*This is to certify that*

17<sup>th</sup> February 2023

Ms. VIDYA MOHAN

Assistant Professor

*Mangalam college of Engineering*

has participated in the 3 day Faculty Development Program on

**"OUTCOME BASED EDUCATION & NBA ACCREDITATION"**

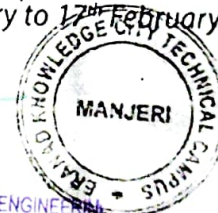
organized by Eranad Knowledge City Technical campus, Manjeri

Department of Civil Engineering during the period 15<sup>th</sup> February to 17<sup>th</sup> February 2023

Course Co-ordinator

Head of the Department

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



Principal





6.3.4 Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
Dr. Lovey Jacob	Sustainable Bioreactor Processes And Applications in Bioenergy and Biowaste Management	01/02/2023 -03/02/2023
Ms. Parvathy J.U.	Sustainable Bioreactor Processes And Applications in Bioenergy and Biowaste Management	01/02/2023 -03/02/2023

Note: Classify the data and provide year wise

*Donathomas*  
20/11/23

DONA THOMAS  
(Dept of chemical Engg.)

PRINCIPAL  
JNGALAM COLLEGE OF ENGINEERING  
Etumanoor

*20/11/23*



SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY  
FACULTY DEVELOPMENT PROGRAMME



# CERTIFICATE OF PARTICIPATION

This is to certify that

Dr. Lovey Jacob, Mangalam College of Engg., Kottayam

has actively participated in three day **Faculty Development Programme (FDP)** on  
**SUSTAINABLE BIOREACTOR PROCESSES AND APPLICATIONS IN BIOENERGY & BIO-WASTE MANAGEMENT**  
from **01.02.2023** to **03.02.2023**, jointly organized by **Department of Biotechnology, Sahrdaya College of Engineering and Technology, Thrissur & APJ Abdul Kalam Technological University.**

DR. UMA KRISHNAKUMAR  
FACULTY COORDINATOR

Mrs. SALINI P J  
FACULTY COORDINATOR

DR. AMBILI MECHOOR  
HEAD OF DEPARTMENT

DR. NIXON KURUVILA  
PRINCIPAL

PRINCIPAL  
SAHRDAYA COLLEGE OF ENGINEERING  
ETTUMANOOR



SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY  
 FACULTY DEVELOPMENT PROGRAMME



CERTIFICATE OF PARTICIPATION

This is to certify that

*Ms. Parvathy J.V., Mangalam College of Engg., Kottayam*

has actively participated in three day **Faculty Development Programme (FDP)** on

**SCALE BIOPROCESSOR PROCESSES AND APPLICATIONS IN BIOENERGY & BIO-WASTE MANAGEMENT**

from **01.02.2023** to **03.02.2023**, jointly organized by **Department of Biotechnology, Sahrdaya College of Engineering and Technology, Thrissur & APJ Abdul Kalam Technological University.**

*Uma*

TECHNICAL MANAGER  
 FACULTY COORDINATOR

*Salini*

MRS. SALINI P J  
 FACULTY COORDINATOR

*Ambili*

DR. AMBI LI MECHOOR  
 HEAD OF DEPARTMENT  
 DEPARTMENT OF BIOTECHNOLOGY  
 APJ ABDUL KALAM COLLEGE OF ENGINEERING  
 Ettumanoor

*Nixon*

DR. NIXON KURUVILA  
 PRINCIPAL  
 PRINCIPAL

	A	B	C	D	E
1					
2	6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the last five years (Professional				
3	Academic	sl. no	Name of teacher who	Title of the program	Duration (from - to) (DD-
4	<b>DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING</b>				
5		1	Dr K Ravikumar	FDP on Data Science using Python	24-01-2023 to26-01-2023
6		2	Dr S Padmalal	FDP on Data Science using Python	24-01-2023 to26-01-2023
7		3	Dr K John Peter	FDP on Data Science using Python	24-01-2023 to26-01-2023
8		4	Dr Sabu George	FDP on Data Science using Python	24-01-2023 to26-01-2023
9		5	Dr C Sahaya kingsly	FDP on Data Science using Python	24-01-2023 to26-01-2023
10		6		FDP on Data Science using Python	24-01-2023 to26-01-2023
11		7	Ms Jinu P Sainuden	FDP on AWS Cloud	13-01-2023 to 17-01-2023
12		8	Ms Neethu Maria John	FDP on Data Science using Python	24-01-2023 to26-01-2023
13		9		Deep learning for beginners	26/8/22 to 31/8/2022
14		10	Ms Divya S B	FDP on Data Science using Python	24-01-2023 to26-01-2023
15		11	Ms Neema George	FDP on Data Science using Python	24-01-2023 to26-01-2023
16		12		FDP on Data Science using Python	24-01-2023 to26-01-2024
17		13	Ms Sruthy Emmanuel	Deep learning for beginners	26/8/22 to 31/8/2022
18		14		FDP on AWS Cloud	13-01-2023 to 17-01-2023
19		15		Deep learning for beginners	26/8/22 to 31/8/2022
20		16	Ms.Syamamol T	FDP on Data Science using Python	24-01-2023 to26-01-2023
21		17		Advanced Research and Quality Publication	29-08-2022 to 09-08-2022
22		18	Ms Gayathri R Krishna	FDP on Data Science using Python	24-01-2023 to26-01-2023
23		19		FDP on AWS Cloud	13-01-2023 to 17-01-2023
24		20	Ms Eldhose K Paul	FDP on Data Science using Python	24-01-2023 to26-01-2023
25		21		FDP on Distributed Computing	30/1/2023-1/2/2023
26		22	Ms. Tinu Thomas	FDP on Data Science using Python	24-01-2023 to26-01-2023
27		23		Advanced Research and Quality Publication	29-08-2022 to 09-08-2022
28		24	Ms.Merlin Mary James	Designing and Modelling of IoT,AI &ML Systems	01 08 2022 to 05 08 2022
29		25	Ms Neena G Krishnan	FDP on Data Science using Python	24-01-2023 to26-01-2023
30	2022-2023	26	Mr.Chris Chettissery	Designing and Modelling of IoT,AI &ML Systems	01 08 2022 to 05 08 2022
31		27		Advanced Research and Quality Publication	29-08-2022 to 09-02-2022
32		28	Mr.Jayakrishnan B	FDP on AWS Cloud	28-11-2022 to 12-02-2022
33		29		Designing and Modelling of IoT,AI &ML Systems	01 08 2022 to 05 08 2022
34		30	Ms.Roja Thomas	FDP on Data Science using Python	24-01-2023 to 26-01-2023
35		31		FDP on Data Science using Python	24-01-2023 to 26-01-2023
36		32	Ms Anjana Sekhar	FDP on MLOps	2/2/2023-6/2/2023
37		33	Ms Vineetha V Nair	FDP on Data Science using Python	24-01-2023 to 26-01-2023
38		34		FDP on AWS Cloud	28-11-2022 to 12-02-2022
39		35	Ms.Sruthy K Joseph	FDP on Data Science using Python	24-01-2023 to 26-01-2023
40		36		Advanced Research and Quality Publication	29-08-2022 to 2/9/2022
41		37		Demystifying Machine Learning Algorithm	10-10-2022 to 14-10-2022
42		38		FDP on AWS Cloud	13-01-2023 to17-01-2023
43		39	Ms Nayana N Panicker	FDP on Innovations in Recend Trends in FDP	28-11-2022 to 12-02-2022
44		40		FDP on Data Science using Python	24-01-2023 to26-01-2023
45		41		Natural language processing and information retrieval	29/08/2022-02/09/2022
46		42	Mr.Vimal Babu P	FDP on AWS Cloud	13-01-2023 to 17-01-2023
47		43		FDP on Data Science using Python	24-01-2023 to26-01-2023
48		44	Mr Sanoj C Chacko	FDP on AWS Cloud	13-01-2023 to 17-01-2023
49		45		FDP on Data Science using Python	24-01-2023 to26-01-2023
50		46	Ms Anjana J Mani	FDP on Data Science using Python	24-01-2023 to26-01-2023
51		47		FDP on Data Science using Python	24-01-2023 to26-01-2023
52		48	Arya P Unnikrishnan	FDP on AWS Cloud	13-01-2023 to 17-01-2023
53		49		FDP on AWS Cloud	13-01-2023 to 17-01-2023
54		50	Ms Renju Renjith	FDP on Data Science using Python	24-01-2023 to26-01-2023
55		51	Mr Anoop T Sasidharan	FDP on Data Science using python	24-01-2023 to 26-01-2023
56		52	Ms. Neena Joseph	FDP on Deep Learning for beginners	26-08-2022 to 31-08-2022
57		53	Ms.Amritha Soloman	FDP on Data Science using Python	24-01-2023 to 26-01-2023
58		54	Ms Anjumol Zachariah	FDP on Data Science using Python	24-01-2023 to 26-01-2023

Symol  
22/11/23  
Symol As

Signature

PRINCIPAL  
ETTUMANOOR COLLEGE OF ENGINEERING  
Ettumanoor  
22/11/23  
Dr.S.P. Pradeep Kumar



**MANGALAM**  
COLLEGE OF ENGINEERING  
Inspire | Imbibe | Innovate



## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Dr.K.Ravikumar**  
of ..... **Department of CSE, Mangalam College of Engineering**.....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr.C.Sahaya Kingsly**  
Coordinator

**Dr.K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
Principal  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



**MANGALAM**  
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# CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Dr. S. Padmalal**

of ..... **Department of CSE, Mangalam College of Engineering** .....

has attended a three days "Online Faculty Development Programme on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
 Mangalam College of Engineering, Kottayam, Kerala.

*Chancy*

**Dr. C. Sahaya Kingsly**  
 Coordinator

*RK*

**Dr. K. Ravikumar**  
 HoD of CSE

*[Signature]*

**Dr. Vinodh P. Vijayan**  
 PRINCIPAL  
 MANGALAM COLLEGE OF ENGINEERING  
 Ettimannoor



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## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Dr K .John .Peter** .....

of ..... **Department of CSE, Mangalam College of Engineering** .....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr.C.Sahaya Kingsly**  
Coordinator

**Dr.K. Ravikumar**  
HoD of CSE

**Dr.Vinodh P.Vijayan**  
Principal



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COLLEGE OF ENGINEERING  
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## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Dr.Sabu George**  
of ..... **Department of CSE, Mangalam College of Engineering**.....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.  
Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr.C.Sahaya Kingsly**  
Coordinator

**Dr.K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
Principal





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## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** .....

**Dr. C. Sahaya Kingsly** .....

of .....  
**Department of CSE, Mangalam College of Engineering** .....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**

Coordinator

**Dr. K. Ravikumar**

HoD of CSE

**Dr. Vinodh P. Vijayan**

Principal

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# CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Jinu P sainudeen** .....

of ..... **Department of CSE, Mangalam College of Engineering** .....

has attended a three days “**Online Faculty Development Programme on Data Science using Python**”, dated from **24 Jan 2023 to 26 Jan 2023**.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**  
Coordinator

**Dr. K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
Principal



**CHANDIGARH UNIVERSITY**  
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ACCREDITED UNIVERSITY

**QS ASIA UNIVERSITY RANKINGS**  
RANKED NO. 2  
AMONG PVT. UNIVERSITIES OF INDIA

# *Certificate of Participation*

## FACULTY DEVELOPMENT PROGRAMME ON AWS Cloud

This is to certify that

**JINU P SAINUDEEN**

Prof./Dr./Mr./Ms. \_\_\_\_\_  
Successfully completed Five Days FDP on "AWS Cloud" organized by AIT-CSE,  
Chandigarh University from 13th January 2023 to 17th January 2023



*Monika Singh*

**Dr. Monika Singh**  
FDP, Coordinator

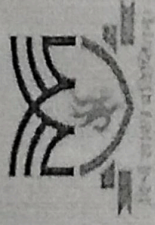
*Rasmeet S. Bali*

**Dr. Rasmeet S. Bali**  
Additional Director-AIT

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERS  
Ettumanoor

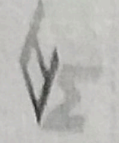
*[Signature]*

**Dr. B. Priestly Shan**  
Dean Academic Affairs



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COLLEGE OF ENGINEERING

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## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Neethu Maria John**  
of ..... **Department of CSE, Mangalam College of Engineering**.....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

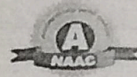
**Dr. C. Sahaya Kingsly**  
Coordinator

**Dr. K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
Principal  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



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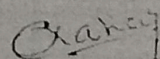
## CERTIFICATE OF PARTICIPATION

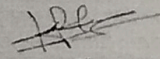
This is to certify that Dr./ Mr./ Ms. Divya S B

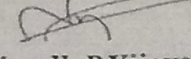
of Department of CSE, Mangalam College of Engineering

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

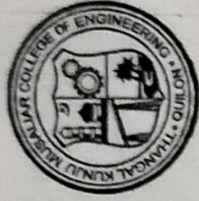
Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

  
**Dr. C. Sahaya Kingsly**  
Coordinator

  
**Dr. K. Ravikumar**  
HoD of CSE

  
**Dr. Vinodh P. Vijayan**  
Principal

MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



**TKM COLLEGE OF ENGINEERING**  
KOLLAM, KERALA, INDIA.

# **CENTRE FOR ARTIFICIAL INTELLIGENCE**

## **Certificate**

**Divya S B**  
**of**

Mangalam College of Engineering, Ettumanoor

*has attended and completed Online Certificate Course on*  
**DEEP LEARNING FOR BEGINNERS** conducted by  
**Centre for Artificial Intelligence,**

**TKM College of Engineering, Kollam from 26.08.22 to 31.08.22.**

A handwritten signature in black ink, appearing to read 'Dr. Sumod Sundar'.

**Prof. Sumod Sundar**  
Coordinator

A handwritten signature in blue ink, appearing to read 'Dr. Imthias Ahamed'.

**PRINCIPAL**  
**Dr. Imthias Ahamed**  
**HOD, Centre for AI**  
**ANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor



**MANGALAM**  
COLLEGE OF ENGINEERING  
Inspire | Imbibe | Innovate



## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Neema George** .....

of ..... **Department of CSE, Mangalam College of Engineering** .....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**  
Coordinator

**Dr. K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
Principal

ANGALAM COLLEGE OF ENGINEERING  
Kottayam



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## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Sruthy Emmanuel** .....

of ..... **Department of CSE, Mangalam College of Engineering** .....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**

Coordinator

**Dr. K. Ravikumar**

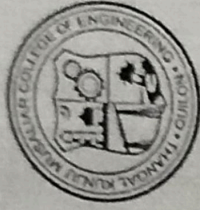
HoD of CSE

**Dr. Vinodh P. Vijayan**

Principal  
PRINCIPAL

MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor





TKM COLLEGE OF ENGINEERING  
KOLLAM, KERALA, INDIA.

# CENTRE FOR ARTIFICIAL INTELLIGENCE Certificate

Sruthy Emmanuel  
of

Mangalam College of Engineering, Ettumanoor

*has attended and completed Online Certificate Course on  
DEEP LEARNING FOR BEGINNERS conducted by  
Centre for Artificial Intelligence,*

*TKM College of Engineering, Kollam from 26.08.'22 to 31.08.'22.*

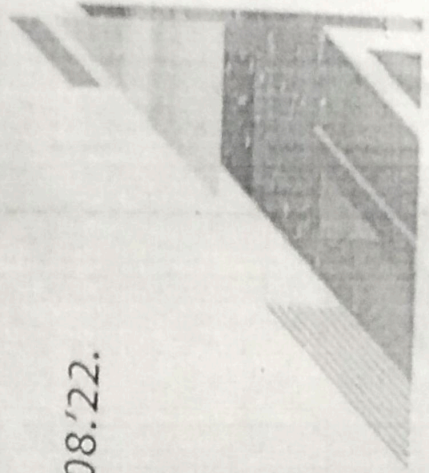
Handwritten signature of Prof. Sumod Sundar.

Prof. Sumod Sundar  
Coordinator

Handwritten signature of Dr. Imthias Ahamed.

Dr. Imthias Ahamed  
HOD, Centre for AI

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# Certificate of Participation

FACULTY DEVELOPMENT PROGRAMME  
ON  
AWS Cloud

This is to certify that

**Sruthy Emmanuel**

Prof./Dr./Mr./Ms. \_\_\_\_\_

Successfully completed Five Days FDP on "AWS Cloud" organized by AIT-CSE,  
Chandigarh University from 13th January 2023 to 17th January 2023



Dr. Monika Singh  
FDP, Coordinator

*Praveen L*

Dr. Rasmeet S. Bhat  
Additional Director-AIT

*Praveen L*

PRINCIPAL  
MUSALAM COLLEGE OF ENGINEERING  
Ettumanoor  
Dr. B. Priestly Shan  
Dean Academic Affairs



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COLLEGE OF ENGINEERING  
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# CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Syamamol T** .....

of ..... **Department of CSE, Mangalam College of Engineering.** .....

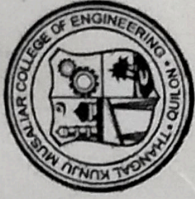
has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**  
Coordinator

**Dr. K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettimannoor



**TKM COLLEGE OF ENGINEERING**  
KOLLAM, KERALA, INDIA.

# **CENTRE FOR ARTIFICIAL INTELLIGENCE**

## **Certificate**

**Syama mol T**  
of

Mangalam College of Engineering, Ettumanoor

*has attended and completed Online Certificate Course on*  
**DEEP LEARNING FOR BEGINNERS** conducted by  
**Centre for Artificial Intelligence,**

**TKM College of Engineering, Kollam from 26.08.'22 to 31.08.'22.**

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

**Prof. Sumod Sundar**  
Coordinator

A handwritten signature in blue ink, appearing to read 'IA'.

**Dr. Imthias Ahamed**  
HOD, Centre for AI  
PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING,  
Ettumanoor



**MANGALAM**  
COLLEGE OF ENGINEERING  
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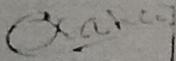


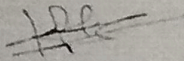
## CERTIFICATE OF PARTICIPATION

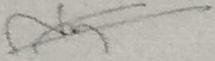
This is to certify that Dr./ Mr./ Ms. Gayathri R Krishna  
of Department of CSE, Mangalam College of Engineering

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

  
**Dr. C. Sahaya Kingsly**  
Coordinator

  
**Dr. K. Ravikumar**  
HoD of CSE

  
**Dr. Vinodh P. Vijayan**  
Principal

ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



CHANDIGARH UNIVERSITY

NAAC GRADE A+

ASIA UNIVERSITY RANKINGS RANKED NO. 2 AMONG PVT UNIVERSITIES OF INDIA

# Certificate of Participation

## FACULTY DEVELOPMENT PROGRAMME

on

### AWS Cloud

This is to certify that

Prof./Dr./Mr./Ms. \_\_\_\_\_

## Gayathri R Krishna

Successfully completed Five Days FDP on "AWS Cloud" organized by AIT-CSE, Chandigarh University from 13th January 2023 to 17th January 2023



*Monika Singh*

Dr. Monika Singh  
FDP Coordinator

*Rasmeet S. Bali*

Dr. Rasmeet S. Bali  
Additional Director-AIT

*B. Priestly Shan*

Dr. B. Priestly Shan  
Dean Academic Affairs

*[Signature]*

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



Focus on Excellence

# FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)

An ISO 9001:2015 Certified Engineering College - Accredited by NAAC with 'A' Grade and NBA Accredited Programmes  
Hormis Nagar, Mookkannoor P O, Angamaly, Ernakulam Dt. Kerala, India, Pin - 683 577

## CERTIFICATE OF PARTICIPATION

This is certified that

**Gayathri R krishna**

Associate Professor

Mangalam college of engineering

participated and successfully completed one week International FDP on

**Advanced Research and Quality Publication**

at Federal Institute of Science and Technology (FISAT), Ernakulam, Kerala

from 29/08/2022 to 02/09/2022.

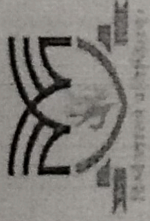
Ms. Rose Mary Mathew  
Convenor

Dr. Sujesh P Lal  
Convenor

Dr. Deepa Mary Mathew  
HoD, Dept. of Computer Applications

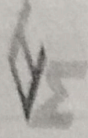
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
ERNAKULAM

Dr. Manoj George  
Principal



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COLLEGE OF ENGINEERING

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# CERTIFICATE OF PARTICIPATION

This is to certify that Dr./ Mr./ Ms. Eldhose K Paul  
of Department of CSE, Mangalam College of Engineering

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**  
Coordinator

**Dr. K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
Principal  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# CERTIFICATE

*Of Participation*

THIS IS TO CERTIFY THAT

*Eldhose K Paul*

of Mangalam College of Engineering, Ettumanur has participated in the Online Faculty Development Programme on, "Distributed Computing", organized by Department of Computer Science and Engineering at Sree Narayana Gurukulam College of Engineering from 30th January 2023 - 1st February 2023.

*Smitha*

Dr. Smitha Suresh  
Convener

*[Signature]*

*[Signature]*

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanur

Dr. Kemthose P Paul  
Principal



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# CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Tinu Thomas**  
of ..... **Department of CSE, Mangalam College of Engineering**.....

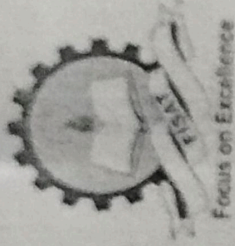
has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**  
Coordinator

**Dr. K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Kottayam



**FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)**  
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Hormis Nagar, Mookkannoor P O, Angamaly, Ernakulam Dt. Kerala, India, Pin - 683 577

# CERTIFICATE OF PARTICIPATION

This is certified that  
**MERLIN MARY JAMES**  
Assistant Professor

Mangalam college of Engineering

participated and successfully completed one week International FDP on  
**Advanced Research and Quality Publication**  
at Federal Institute of Science and Technology (FISAT), Ernakulam, Kerala  
from 29/08/2022 to 02/09/2022.

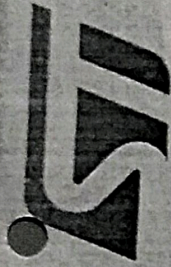
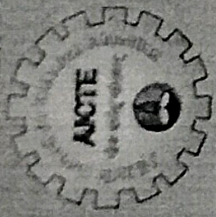
Ms. Rose Mary Mathew  
Convener

Dr. Sujesh P Lal  
Convener

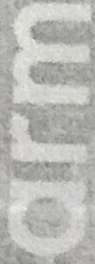
Dr. Deepa Mary Mathews  
HoD, Dept. of Computer Applications

Dr. Manoj George  
Principal

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



life.augmented



This is to certify that

**Merlin Mary James**

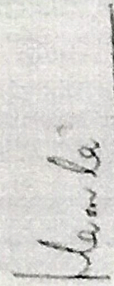
from

**Mangalam College of Engineering, Ettumanoor**

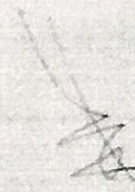
has participated in the workshop:

**Designing and Modelling of IoT, AI & ML Systems**

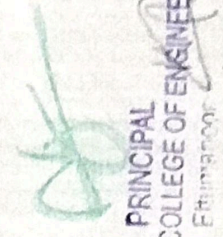
Organized by - All India Council for Technical Education (AICTE),  
ATAL Academy, Arm Education and STMicroelectronics  
from August 1<sup>st</sup> to 5<sup>th</sup> 2022

  
Mamta Rani Agarwal  
ATAL Academy

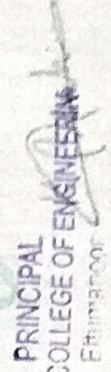
Mamta Rani Agarwal  
ATAL Academy



Arnaud Jullienne  
Vice-President,  
Director of Center for Digital (Ca Group),  
to (AI) Competence Center and Digital Marketing  
Chairman of AP-C-STM Electronics



Guru Ganesan  
Managing Director and President,  
Arm India



Dr. Khaled Benkrid  
Senior Director,  
Education and Research  
Applied



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COLLEGE OF ENGINEERING

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## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** .....

**Neena G Krishnan** .....

of ..... **Department of CSE, Mangalam College of Engineering** .....

has attended a three days "Online Faculty Development Programme  
on **Data Science using Python**", dated from **24 Jan 2023 to 26 Jan 2023**.

Organized by Department of Computer Science and Engineering,

Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**

Coordinator

**Dr. K. Ravikumar**

HoD of CSE

**Dr. Vinodh P. Vijayan**

Principal

MANGALAM COLLEGE OF ENGINEERING

Ettimanoor



**UNIVERSITY**

**GRADE if-**

Accredited University

ASIA

ANKINGS  
RANKED NO 2

# CERTIFICATE OF PARTICIPATION

## Faculty Development Program

ON

Designing and Modelling of IoT, AI & ML System

This is to certify that

**Mr. Chris Chettissery**

*Prof/Dr. Mr. Ilkfs.*

Successfully completed Five Days FDP on IOT, AI AND ML SYSTEM"

Organized by AIT- CSE, Chandigarh University from 1ST August to 5<sup>th</sup> August 2022



*Shikha Gupta*

Dr. Shikha Gupta

Program Leader, AIML

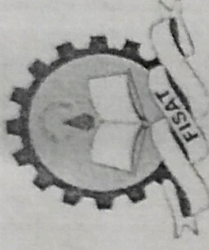
*Dr. Rasmeeet S. Bahi*

Dr. Rasmeeet S. Bahi

Additional Director-AIT-CSE

Dr. B. Priestly Shan

Dean Academic Affairs



Focus on Excellence

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Hormis Nagar, Mookkannoor P O, Angamaly, Ernakulam Dt. Kerala, India, Pin - 683 577

## CERTIFICATE OF PARTICIPATION

This is certified that

**Jayakrishnan B**

Assistant Professor

Mangalam College of Engineering, Kottayam

participated and successfully completed one week International FDP on

### Advanced Research and Quality Publication

at Federal Institute of Science and Technology (FISAT), Ernakulam, Kerala

from 29/08/2022 to 02/09/2022.

Ms. Rose Mary Mathew  
Convenor

Dr. Sujesh P Lal  
Convenor

Dr. Deepa Mary Mathews  
HoD, Dept. of Computer Applications

Dr. Manoj George  
Principal

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RANKED NO. 2  
AMONG PVT. UNIVERSITIES OF INDIA

# Certificate of Participation

## FACULTY DEVELOPMENT PROGRAMME ON AWS Cloud

This is to certify that

**Jayakrishnan B**

Prof./Dr./Mr./Ms. \_\_\_\_\_  
Successfully completed Five Days FDP on "AWS Cloud" organized by AIT-CSE,  
Chandigarh University from 13th January 2023 to 17th January 2023



*Monika Singh*

**Dr. Monika Singh**  
FDP, Coordinator

*Rasmeet S. Bali*

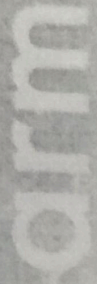
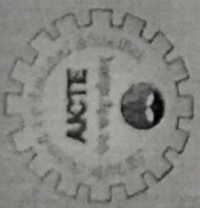
**Dr. Rasmeet S. Bali**  
Additional Director-AIT



**ANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor

**Dr. B. Priestly Shan**  
Dean Academic Affairs





This is to certify that

**Jayakrishnan B**

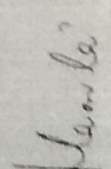
from

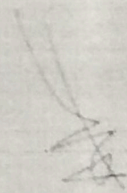
APJ Abdul Kalam Technological University, Kerala

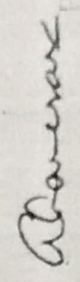
has participated in the workshop


**Designing and Modelling of IoT, AI & ML Systems**

Organized by - All India Council for Technical Education (AICTE),  
ATAL Academy, Arm Education and STMicroelectronics  
from August 1<sup>st</sup> to 5<sup>th</sup> 2022

  
**Mamta Rani Agarwal**  
Faculty  
ATAL Academy

  
**Arnaud Jullienne**  
Vice President  
Microelectronics and Digital ICs Group  
ATAL Competence Center and Digital Marketing  
Co-ordinator ATAL - STMicroelectronics

  
**Guru Ganesan**  
Managing Director and President  
Arm India  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor  
Kerala

  
**Dr. Khaled Benkrid**  
Senior Lecturer  
Education and Research  
New York



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# CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** .....

**Roja Thomas** .....

of ..... **Department of CSE, Mangalam College of Engineering**.....

has attended a three days "Online Faculty Development Programme  
on **Data Science using Python**", dated from **24 Jan 2023 to 26 Jan 2023**.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**

Coordinator

**Dr. K. Ravikumar**

HoD of **CSE**, MANGALAM COLLEGE OF ENGINEERING,  
Ettumanoor

**Dr. Vinodh P. Vijayan**

Principal



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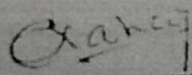
## CERTIFICATE OF PARTICIPATION

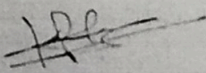
This is to certify that Dr./ Mr./ Ms. Anjana S Sekhar


of Department of CSE, Mangalam College of Engineering

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

  
**Dr. C. Sahaya Kingsly**  
Coordinator

  
**Dr. K. Ravikumar**  
HoD of CSE

  
**Dr. Vinodh P. Vijayan**  
Principal  
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RANKED NO 2  
2022-23

## CERTIFICATE OF PARTICIPATION

Faculty Development Program  
on  
**MLOps**

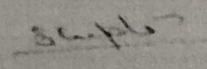
This is to certify that

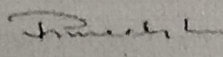
**Anjana Sekhar**

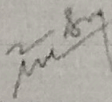
of Dr./Mr./Ms.

successfully completed Five Days FDP on "MLOps (Machine Learning Operations)"  
organized by AIT-CSE, Chandigarh University from 2nd February 2023 to 6th  
February 2023.



  
Dr. Shikha Gupta  
Program Leader, AIML

  
Dr. Rasmeet S. Bali  
Additional Director-AIT-CSE

  
Dr. B. Priestly Shan  
Dean Academic Affairs

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# CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... Vineetha V Nair

of ..... Department of CSE, Mangalam College of Engineering.....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,

Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**  
Coordinator

**Dr. K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
Principal

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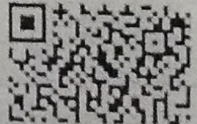
# Certificate of Participation

## FACULTY DEVELOPMENT PROGRAMME ON AWS Cloud

This is to certify that

**Sruthy K Joseph**

Prof./Dr./Mr./Ms. \_\_\_\_\_  
Successfully completed Five Days FDP on "AWS Cloud" organized by AIT-CSE,  
Chandigarh University from 13th January 2023 to 17th January 2023



Dr. Monika Singh  
FDP, Coordinator

Dr. Rasmeet S. Bali  
Additional Director-AIT

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Dr. B. Priestly Shan  
Dean Academic Affairs



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# CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** .....

**Sruthy K Joseph** .....

of ..... **Department of CSE, Mangalam College of Engineering** .....

has attended a three days "Online Faculty Development Programme on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**

Coordinator

**Dr. K. Ravikumar**

HoD of CSE

**Dr. Vinodh P. Vijayan**

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Hormis Nagar, Mookkannoor P O, Angamaly, Ernakulam Dt. Kerala, India, Pin - 683 577

## CERTIFICATE OF PARTICIPATION

This is certified that  
**Sruthy K Joseph**  
Assistant Professor

Mangalam College of Engineering

participated and successfully completed one week International FDP on  
**Advanced Research and Quality Publication**  
at Federal Institute of Science and Technology (FISAT), Ernakulam, Kerala  
from 29/08/2022 to 02/09/2022.

Ms. Rose Mary Mathew  
Convenor

Dr. Sujesh P Lal  
Convenor

Dr. Deepa Mary Mathews  
HoD, Dept. of Computer Applications

Dr. Manoj George  
Principal

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ERNAKULAM





Muthoot

Institute of Technology & Science

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

CERTIFICATE  
OF PARTICIPATION

This is to certify that

Sruthy K Joseph

has successfully completed five day faculty  
development programme on

**"DEMYSTIFYING MACHINE LEARNING ALGORITHMS"**

organized by Department of Artificial Intelligence & Data Science,  
Muthoot Institute of Technology & Science from 10 oct - 14 oct 2022

Dr. Jina Varghese  
Coordinator

Ms. Dimple Elizebeth Baby  
Coordinator

Dr. Sumam Mary Idicula  
HOD

Dr. Neelakaritan P C  
Principal

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# Certificate of Participation

## FACULTY DEVELOPMENT PROGRAMME

On

### AWS Cloud

This is to certify that

**Nayana N Panicker**

Prof./Dr./Mr./Ms.

Successfully completed Five Days FDP on "AWS Cloud" organized by AIT-CSE,  
Chandigarh University from 13th January 2023 to 17th January 2023



*Nayana N Panicker*

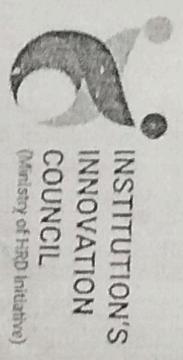
Dr. Monika Singh  
FDP, Coordinator

*Dr. Rasmeet S. Bali*

Dr. Rasmeet S. Bali  
Additional Director-AIT

*Dr. B. Priestly Shan*

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Ettumanoor  
Dr. B. Priestly Shan  
Dean Academic Affairs



# Certificate of Participation

This is certified that Prof./Dr./Ms./Mr. Nayana N Panicker from Mangalam college of Engineering has participated in the International FDP on Innovation in Recent Trends in Computing organized by Department of Computer Science Engineering of JIS University on 28th November to 2nd December, 2022.

Dr. Dharmपाल Singh  
Head of Department  
School of Engineering  
JIS University

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## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Nayana N Panicker**

of ..... **Department of CSE, Mangalam College of Engineering** .....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**  
Coordinator

**Dr. K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
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Accredited by NAAC with A Grade | NBA Accredited Programmes | UGC-2(f) Status

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## CERTIFICATE

This is to certify that **Mr. Vimal Babu P** of Mangalam College of Engineering, Ettumanoor has participated in the Faculty Development Programme on **NATURAL LANGUAGE PROCESSING AND INFORMATION RETRIEVAL- RESEARCH TRENDS AND APPLICATIONS** jointly organized by Rajagiri School of Engineering & Technology and ICFOSS from 29/8/2022 to 02/09/2022.

Dr. Dhanya P M

HOD CSE

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Ettumanoor

Prof. (Dr.) P S Sreejith

Principal

Rajagiri Valley, Kochi-682 039, Kerala, India

Tel: +91 484 2660999 | Email: [office@rajagiritech.edu.in](mailto:office@rajagiritech.edu.in) | [www.rajagiritech.ac.in](http://www.rajagiritech.ac.in)



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# Certificate of Participation

## FACULTY DEVELOPMENT PROGRAMME ON AWS Cloud

This is to certify that

**Vimal Babu**

Prof./Dr./Mr./Ms.

Successfully completed Five Days FDP on "AWS Cloud" organized by AIT-CSE,  
Chandigarh University from 13th January 2023 to 17th January 2023



*Monika*

**Dr. Monika Singh**  
FDP, Coordinator

*[Signature]*

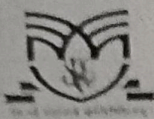
PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Etumanoor

*[Signature]*

**Dr. Rasmeet S. Balli**  
Additional Director-AIT

*[Signature]*

**Dr. B. Priestly Shan**  
Dean Academic Affairs

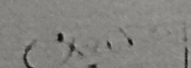


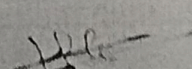
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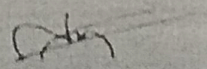


## CERTIFICATE OF PARTICIPATION

This is to certify that Dr./ Mr./ Ms. .... **vimal Babu** .....  
of ..... **Department of CSE, Mangalam College of Engineering** .....  
has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.  
Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

  
**Dr. C. Sahaya Kingsly**  
Coordinator

  
**Dr. K. Ravikumar**  
HoD of CSE

  
**Dr. Vinodh P. Vijayan**  
Prin. Principal  
MANGALAM COLLEGE OF ENGINEERING  
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## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Sanoj C Chacko**  
of ..... **Department of CSE, Mangalam College of Engineering**.....  
has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**  
Coordinator

**Dr. K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
Principal



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## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** .....

**Anjana J Mani** .....

of .....  
**Department of CSE, Mangalam College of Engineering.** .....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,

Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**

Coordinator

**Dr. K. Ravikumar**

HoD of CSE

**Dr. Vinodh P. Vijayan**

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# CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Arya P Unnikrishnan**

of ..... **Department of CSE, Mangalam College of Engineering.**.....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**

Coordinator

**Dr. K. Ravikumar**

HoD of CSE

**Dr. Vinodh P. Vijayan**

Principal

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RANKED NO. 2  
AMONG PVT. UNIVERSITIES OF INDIA

# Certificate of Participation

## FACULTY DEVELOPMENT PROGRAMME ON AWS Cloud

This is to certify that

Arya P Unnikrishnan

Prof./Dr./Mr./Ms. \_\_\_\_\_

Successfully completed Five Days FDP on "AWS Cloud" organized by AIT-CSE,  
Chandigarh University from 13th January 2023 to 17th January 2023



*Monika Singh*

**Dr. Monika Singh**  
FDP, Coordinator

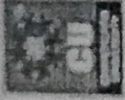
*[Signature]*

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**Dr. Rasmeet S. Bali**  
Additional Director-AIT

*[Signature]*

**Dr. B. Priestly Shan**  
Dean Academic Affairs



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UNIVERSITY  
RANKINGS  
RANKED NO. 2  
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# *Certificate of Participation*

**FACULTY DEVELOPMENT PROGRAMME  
ON  
AWS Cloud**

This is to certify that

**Renju Renjith**

Prof./Dr./Mr./Ms.

Successfully completed Five Days FDP on "AWS Cloud" organized by AIT-CSE,  
Chandigarh University from 13th January 2023 to 17th January 2023



**Dr. Monika Singh**  
FDP, Coordinator

*Dr. Rasmeeet S. Ball*

**Dr. Rasmeeet S. Ball**  
Additional Director-AIT

*Dr. B. Priestly Shan*

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**Dr. B. Priestly Shan**  
Dean Academic Affairs



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## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms. ....** **Renju Renjith**  
of **.....** **Department of CSE, Mangalam College of Engineering.....**

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr.C.Sahaya Kingsly**  
Coordinator

**Dr.K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
Principal  
ANGALAM COLLEGE OF ENGINEERING  
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# CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Anoop T Sasidharan**  
of ..... **Department of CSE, Mangalam College of Engineering**.....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**  
Coordinator

**Dr. K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
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**TKM COLLEGE OF ENGINEERING**  
KOLLAM, KERALA, INDIA.

# CENTRE FOR ARTIFICIAL INTELLIGENCE Certificate

Neena Joseph  
of

Mangalam College of Engineering

*has attended and completed Online Certificate Course on  
**DEEP LEARNING FOR BEGINNERS** conducted by  
Centre for Artificial Intelligence,*

**TKM College of Engineering, Kollam from 26.08.'22 to 31.08.'22.**

Prof. Sumod Sundar  
Coordinator

Dr. Imthias Ahamed  
HOD, Centre for AI

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# CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Ms.Amritha Soloman**  
of ..... **Department of CSE, Mangalam College of Engineering**.....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.  
Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr.C.Sahaya Kingsly**  
Coordinator

**Dr.K. Ravikumar**  
HoD of CSE

**Dr. Vinodh P. Vijayan**  
Principal  
ANGALAM COLLEGE OF ENGINEERING  
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## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr./ Mr./ Ms.** ..... **Ms.Anjumol Zachariah**  
of ..... **Department of CSE, Mangalam College of Engineering**.....

has attended a three days "Online Faculty Development Programme  
on Data Science using Python", dated from 24 Jan 2023 to 26 Jan 2023.

Organized by Department of Computer Science and Engineering,  
Mangalam College of Engineering, Kottayam, Kerala.

**Dr. C. Sahaya Kingsly**

Coordinator

**Dr. K. Ravikumar**

HoD of CSE

**Dr. Vinodh P. Vijayan**

Principal

ANGALAM COLLEGE OF ENGINEERING

Kottayam

6.3.4 Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

ELECTRICAL AND ELECTRONICS ENGINEERING(2022-2023)		
Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
Krupa Ann Kurian	Integration of Energy Resources	1.09.2022 to 8.09.2022
Ms.Jolly George	Emerging Trends in Power,Energy and Control	22.08.2022 TO 27.08.2022
Dr.Bincy K Jose	Emerging Trends in Power,Energy and Control	22.08.2022 TO 27.08.2022
Dr.S Leela	Emerging Trends in Power,Energy and Control	22.08.2022 TO 27.08.2022
Dr.S Leela	Integration of Energy Resources	1.09.2022 to 8.09.2022
Dr.Bincy K Jose	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023
Dr.Bincy K Jose	Smart Grid Technology	17.04.2023TO 22.04.2023
Ms.Jolly George	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023
Lekshmi Nair	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023
Shoma Mani	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023
Dr. S Karthikumar	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023
Ms.Rahumath Beeby	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023
Ms.Divya Jose	Recent Trends in Grid Integration	30.01.2023 to 3.02.2024
Ms.Krupa Ann	Recent Trends in Grid Integration	30.01.2023 to 3.02.2025
Ms.Aiswarya Chandran	Recent Trends in Grid Integration	30.01.2023 to 3.02.2023
Ms.Jeeva K.J	National Conference on Recent Trends in Material Science and Technology	28.12.2022 TO 30.12.2022

prepared by  
Shoma Mani Shoma Mani

Verified by  
MOD, EEE

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# MAILAM ENGINEERING COLLEGE




MAILAM ENGINEERING  
COLLEGE

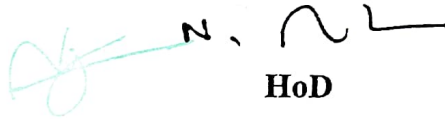
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
Accredited by NBA & TATA Consultancy Services, Chennai)  
Mailam (PO), Vilupuram District, Pin 604 304

## Department of Electrical and Electronics Engineering Silver Jubilee Celebrations

### *Certificate of Participation*

This is to certify that Mrs. KRUPA ANN KURIAN of MANGALAM College Of Engineering has actively participated in a 6-day Faculty Development Programme on "*Integration of Energy Resources*" organized by the Department of Electrical and Electronics Engineering from 01.09.2022 to 08.09.2022.

  
Coordinator

  
HoD

  
Principal

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettimanoor



**Muthoot  
Institute of Technology & Science**

ERNAKULAM, KERALA

Approved by AICTE and affiliated to APJ Abdul Kalam Technological University

**DEPARTMENT OF ELECTRICAL & ELECTRONICS  
CERTIFICATE OF PARTICIPATION**

*This is to certify that*

**JOLLY GEORGE**

**MANGALAM COLLEGE OF ENGINEERING**

has successfully completed the National Level Faculty Development Programme  
on "Emerging Trends in Power, Energy and Control" conducted by the  
Department of Electrical & Electronics Engineering on 22<sup>nd</sup> - 27<sup>th</sup> August, 2022.



Dr. JANI DAS  
CONVENER



Prof. NEELAKANTAN.P.C.  
PRINCIPAL



Ms. BREEZA PAULOSE  
PROGRAM COORDINATOR



**Muthoot  
Institute of Technology & Science**

ERNAKULAM, KERALA

Approved by AICTE and affiliated to APJ Abdul Kalam Technological University

**DEPARTMENT OF ELECTRICAL & ELECTRONICS**

**CERTIFICATE OF PARTICIPATION**

*This is to certify that*

**Dr. Bincy K Jose**

**MANGALAM COLLEGE OF ENGINEERING**

has successfully completed the National Level Faculty Development Programme on "Emerging Trends in Power, Energy and Control" conducted by the Department of Electrical & Electronics Engineering on 22<sup>nd</sup> - 27<sup>th</sup> August, 2022.

  
Dr. JANI DAS  
CONVENER

  
Prof. NEELAKANTAN.PC  
PRINCIPAL

  
Ms. BREEZA PAULOSE  
PROGRAM COORDINATOR

  
Ms. BREEZA PAULOSE  
PROGRAM COORDINATOR





**Muthoot  
Institute of Technology & Science**

ERNAKULAM, KERALA

Approved by AICTE and affiliated to APJ Abdul Kalam Technological University

**DEPARTMENT OF ELECTRICAL & ELECTRONICS  
CERTIFICATE OF PARTICIPATION**

*This is to certify that*

**Dr.S.LEELA**

**MANGALAM COLLEGE OF ENGINEERING**

has successfully completed the National Level Faculty Development Programme on "Emerging Trends in Power, Energy and Control" conducted by the Department of Electrical & Electronics Engineering on 22<sup>nd</sup> - 27<sup>th</sup> August, 2022.

  
Dr. JANI DAS  
CONVENER

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

  
Prof. NEELAKANTAN.PC  
PRINCIPAL

  
Ms. BREEZA PAULOSE  
PROGRAM COORDINATOR

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Accredited by NBA & TATA Consultancy Services, Chennai)  
Mailam (PO), Vilupuram District, Pin 604 304

## Department of Electrical and Electronics Engineering Silver Jubilee Celebrations

### *Certificate of Participation*

This is to certify that Dr. LEELA S of Mangalam College of Engineering has actively participated in a 6-day Faculty Development Programme on “*Integration of Energy Resources*” organized by the Department of Electrical and Electronics Engineering from 01.09.2022 to 08.09.2022.

Coordinator

HoD

Principal

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor





# CERTIFICATE

OF PARTICIPATION

*This is to certify that Dr. BINCY K. JOSE of Mangalam College of Engineering, Ettumanoor has participated & completed successfully one week faculty development program on "Recent Trends in Grid Integration" from 30/01/2023 to 03/02/2023 organized by Department of Electrical and Electronics Engineering, ;Mangalam College of Engineering.*

  
COORDINATOR

  
CONVENER

  
CHAIRMAN



  
PRINCIPAL

MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of HRD Initiative)



**MAR BASELIOS**  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
AUTONOMOUS



**INNOVATION AND  
ENTREPRENEURSHIP  
DEVELOPMENT CENTRE**



**Catalyst**  
MAR BASELIOS EDC

# CERTIFICATE OF PARTICIPATION

Is presented to:

**Dr. Binicy K Jose**

Associate Professor

Mangalam College of Engineering

for participation in the six-day Short Term Training Program on

**SMART GRID TECHNOLOGY**

organised by the Department of Electrical and Electronics  
Engineering, Mar Basellos College of Engineering and Technology

from 17-22 April 2020

Ms. Soumya A V

Co-ordinators of STTP

Ms. Shilpa Susan Peter

Dr. Nisha G K

HoD, Dept. of EEE

Dr. Abraham T Mathew

Principal, MBCET

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING



# CERTIFICATE

OF PARTICIPATION


*This is to certify that Mrs. JOLLY GEORGE of Mangalam College of Engineering, Ettumanoor has participated & completed successfully one week faculty development program on "Recent Trends in Grid Integration" from 30/01/2023 to 03/02/2023 organized by Department of Electrical and Electronics Engineering, ;Mangalam College of Engineering.*


  
COORDINATOR

  
CONVENER

  
CHAIRMAN



  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

  
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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# CERTIFICATE

OF PARTICIPATION

*This is to certify that Mrs. LEKSHMI NAIR of Mangalam College of Engineering, Ettumanoor has participated & completed successfully one week faculty development program on "Recent Trends in Grid Integration" from 30/01/2023 to 03/02/2023 organized by Department of Electrical and Electronics Engineering, ;Mangalam College of Engineering.*

  
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CONVENER

  
CHAIRMAN



  
PRINCIPAL



# CERTIFICATE

OF PARTICIPATION

*This is to certify that Mrs. SHOMA MANI of Mangalam College of Engineering, Ettumanoor has participated & completed successfully one week faculty development program on "Recent Trends in Grid Integration" from 30/01/2023 to 03/02/2023 organized by Department of Electrical and Electronics Engineering, ;Mangalam College of Engineering.*

  
COORDINATOR

  
CONVENER

  
CHAIRMAN



  
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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# CERTIFICATE OF PARTICIPATION

*This is to certify that Dr. S KARTHIKUMAR of Mangalam College of Engineering, Ettumanoor has participated & completed successfully one week faculty development program on "Recent Trends in Grid Integration" from 30/01/2023 to 03/02/2023 organized by Department of Electrical and Electronics Engineering, ;Mangalam College of Engineering.*

  
COORDINATOR

  
CONVENER

  
CHAIRMAN



  
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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# CERTIFICATE OF PARTICIPATION

*This is to certify that Ms. MS.RAHUMATH BEEBY K,A of Mangalam College of Engineering, Ettumanoor has participated & completed successfully one week faculty development program on "Recent Trends in Grid Integration" from 30/01/2023 to 03/02/2023 organized by Department of Electrical and Electronics Engineering, ;Mangalam College of Engineering.*

  
COORDINATOR

  
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CHAIRMAN



  
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Ettumanoor



# CERTIFICATE

OF PARTICIPATION

*This is to certify that Ms. DIVYA JOSE of Mangalam College of Engineering, Ettumanoor has participated & completed successfully one week faculty development program on "Recent Trends in Grid Integration" from 30/01/2023 to 03/02/2023 organized by Department of Electrical and Electronics Engineering, ;Mangalam College of Engineering.*

  
COORDINATOR

  
CONVENER

  
CHAIRMAN



  
PRINCIPAL  
COLLEGE OF ENGINEERING  
Ettumanoor





# CERTIFICATE

OF PARTICIPATION

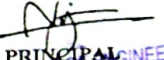
*This is to certify that Mrs. KRUPA ANN KURIAN of Mangalam College of Engineering, Ettumanoor has participated & completed successfully one week faculty development program on "Recent Trends in Grid Integration" from 30/01/2023 to 03/02/2023 organized by Department of Electrical and Electronics Engineering, ;Mangalam College of Engineering.*

  
COORDINATOR

  
CONVENER

  
CHAIRMAN



  
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Ettumanoor



# CERTIFICATE OF PARTICIPATION

This is to certify that Mrs. AISWARYA CHANDRAN of Mangalam College of Engineering, Ettumanoor has participated & completed successfully one week faculty development program on "Recent Trends in Grid Integration" from 30/01/2023 to 03/02/2023 organized by Department of Electrical and Electronics Engineering, ;Mangalam College of Engineering.

  
COORDINATOR

  
CONVENER

  
CHAIRMAN



  
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# National Conference on Recent Trends in Materials Science and Technology



Organized by  
**Department of Chemistry**  
**Indian Institute of Space Science and Technology**  
Government of India, Department of Space  
Valiamala P. O. Thiruvananthapuram - 695 547, Kerala



Jointly with  
**Materials Research Society of India**  
Thiruvananthapuram Chapter

## Certificate

This is to certify that Dr./Mr./Ms. Jeepa K J affiliated to Mangalam college of Engineering  
.....has participated  
in the National Conference on Recent Trends in Materials Science and Technology (NCMST-2022) during  
December 28-30, 2022 and presented a paper entitled Investigation of Inverted Planar Perovskite  
Solar Cell with Different ETM

Valiamala  
December 30, 2022

ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Prof. Kuruvilla Joseph  
Convener

Prof. K Y Sandhya  
Co-Convener

## MANGALAM COLLEGE OF ENGINEERING

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the last academic year (2022-2023)

S NO	Name of teacher who attended	Title of the program	Duration (from - to) (DD-MM-YYYY)
1	Abraham C.G	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
2	Dr Radeep Krishna	Intelligent Internet of Things	27/10/2022 to 28/10/2022
3	Dr Radeep Krishna	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
4	Dr Radeep Krishna	Deep Learning for Beginners	26/8/2022 to 31/8/2022
5	Dr Radeep Krishna	IP Awareness and Training Program (NIPAM)	18-11-22
6	Dr. Derik Mathew	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
7	Dr. Reena Thomas	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
8	Dr. Deepthy Mary Alex	Machine Learning in Big Data Applications and Security Challenges	24/04/2023 to 29/04/2023
9	Reneesh C Zacharia	10 days FDP on A step by step guide to write a good research paper"	18/03/2023-27/03/2023
10	Reneesh C Zacharia	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
11	Jyothisree K.R	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
12	Neethan Elizabeth Abraham	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
13	Mariya Stephen	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
14	Sumesh Chandran	Innovations, IPR's, & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022

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15	Devika Sarath		
16	Devika Sarath	Current trends on Data Science and its Applications	13/7/2022 to 15/7/2022
17	Devika Sarath	IP Awareness and Training Program (NIPAM)	11-3-2023
18	Mr. Jaleel P.K	Innovations, IPR's. & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022
		Innovations, IPR's. & Optimisation in Electronic Designs with Energy Systems	18/11/2022 to 22/11/2022

Co-ordinator




ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

HOD

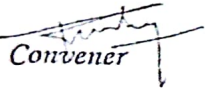
Dr. Abraham G G  
Professor & Head  
Electronics & Communication Engineering  
Mangalam College of Engineering  
Kottayam, India - 686 631

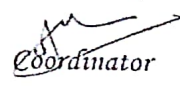


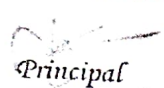
**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor, Kottayam

**Certificate of Participation**

This certificate is awarded to.....Dr. ABRAHAM C. G.....for  
participating in 5 Days IETE Sponsored FDP on Innovations, IPR's & Optimisation in Electronic  
Design with Energy Systems organized by Department of ECE, Mangalam College of Engineering,  
Kottayam, Kerala, India on 18<sup>th</sup> November to 24<sup>th</sup> November 2022.

  
Convener

  
Coordinator

  
Principal

  
MANGALAM COLLEGE OF ENGINEERING  
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



Indian Institute of  
Information Technology  
Kottayam

IEEE  
Signal  
Processing  
Society  
Kerala Chapter



# CERTIFICATE OF PARTICIPATION

Proudly Presented To:

## RADEEP KRISHNA R

MANGALAM COLLEGE OF ENGINEERING

for having attended the Indo-Taiwan 2-day online workshop on  
Intelligent Internet of Things jointly organized by  
IIIT Kottayam and the IEEE SPS Kerala Chapter.

27-28 OCTOBER 2022

REGISTRAR  
IIIT KOTTAYAM

MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

CHAIRMAN  
IEEE SPS KERALA CHAPTER



**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor, Kottayam

**Certificate of Participation**

This certificate is awarded to...*Dr. R. Radeep. Krishna*.....for  
participating in 5 Days IETE Sponsored FDP on Innovations, IPR's & Optimisation in Electronic  
Design with Energy Systems organized by Department of ECE, Mangalam College of Engineering,  
Kottayam, Kerala, India on 18<sup>th</sup> November to 24<sup>th</sup> November 2022.

*[Signature]*  
Convener

*[Signature]*  
Coordinator

*[Signature]*  
Principal

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Ettumanoor





TKM COLLEGE OF ENGINEERING  
KOLLAM, KERALA, INDIA.

CENTRE FOR ARTIFICIAL INTELLIGENCE  
Certificate

Dr Radeep Krishna R

of

Mangalam College of Engineering

*has attended and completed On-Line Certificate Course on  
DEEP LEARNING FOR BEGINNERS conducted by  
Centre for Artificial Intelligence,  
TKM College of Engineering, Kollam from 26.08.22 to 31.08.22.*

Handwritten signature of Prof. Sumod Sundar in blue ink.

Prof. Sumod Sundar  
Coordinator, **TKM COLLEGE OF ENGINEERING**  
Ettimbray

Handwritten signature of Dr. Inthias Ahamed in blue ink.

Dr. Inthias Ahamed  
HOD, Centre for AI



Government of India  
 Ministry of Commerce and Industry  
 Department for Promotion of Industry and Internal Trade  
 Office of the Controller General of Patents, Designs and Trade Marks

**CERTIFICATE**

This is to certify that, **DR. RADEEP KRISHNA R** of **MANGALAM COLLEGE OF ENGINEERING** has successfully participated in IP Awareness/Training program under

**NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION**  
 on November 18,2022

Organized by  
 Intellectual Property Office, India



(Prof. (Dr) Umat P. Pandit)  
 CONTROLLER GENERAL OF  
 PATENTS, DESIGNS AND TRADE MARKS

Date: November 22, 2022

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OFFICE OF ELECTRONICS & COMMUNICATIONS  
 DEPARTMENT OF ELECTRONICS & COMMUNICATIONS  
 ETTC



**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor, Kottayam

**Certificate of Participation**

*This certificate is awarded to.....Dr. Derick Mathew.....for  
participating in 5 Days IETE Sponsored FDP on Innovations, IPR's & Optimisation in Electronic  
Design with Energy Systems organized by Department of ECE, Mangalam College of Engineering,  
Kottayam, Kerala, India on 18<sup>th</sup> November to 24<sup>th</sup> November 2022.*

*[Signature]*  
Convener

*[Signature]*  
Coordinator

*[Signature]*  
Principal

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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor, Kottayam

**Certificate of Participation**

*This certificate is awarded to... P.A.:..... Reena..... Thomas..... for  
participating in 5 Days IETE Sponsored FDP on Innovations, IPR's & Optimisation in Electronic  
Design with Energy Systems organized by Department of ECE, Mangalam College of Engineering,  
Kottayam, Kerala, India on 18<sup>th</sup> November to 24<sup>th</sup> November 2022.*

*[Signature]*  
Convener

*[Signature]*  
Coordinator

*[Signature]*  
Principal  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# MLR INSTITUTE OF TECHNOLOGY

UGC AUTONOMOUS

Dundigal, Hyderabad – 500 043



## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. Deepthy Mary Alex, Mangalam College of Engineering** has participated in the One Week Faculty Development Programme on "**Machine Learning in Big Data Applications and Security Challenges** " organized by **Department of Computer Science and Engineering** from **24<sup>th</sup> - 29<sup>th</sup> April, 2023**.

He/She has successfully completed all the requirements for the completion of the Program.

**Dr. Ajmeera Kiran**  
Convener

**Dr. A. Balaram**  
HOD-CSE

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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

**Dr. K. Srinivas Rao**  
Principal





RFI-2023/GRP/221

# 10 Days FDP/ Training Program On A Step-by-Step Guide to write a Good Research Paper



Date: 18-27 March 2023

Organized By



RESEARCH FOUNDATION OF INDIA  
रिसर्च फाउंडेशन ऑफ इंडिया  
Research Foundation of India



In Association with



Parul University FACULTY OF COMMERCE,  
PARUL UNIVERSITY-GUJARAT



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This is to Certify that Prof./Dr./Mr./Ms./Mrs.

**RENEESH C ZACHARIA**

ASSISTANT PROFESSOR, MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR

Participated in the 10 Days FDP/ Training Program On "A STEP-BY-STEP GUIDE TO WRITE A GOOD RESEARCH PAPER" Organised by Research Foundation of India & RFI-CARE from 18 March to 27 March 2023.

Dr. Manish Dubey  
President, Central India Board  
Research Foundation of India

Dr. Ajay Jain  
National Coordinator  
Research Foundation of India

Prof. Dr. Ashok Kumar Gupta  
Chief Managing Director  
Research Foundation of India

Dr. Sourabh Jain  
Chairman & CEO  
Research Foundation of India

MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR



MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor, Kottayam

Certificate of Participation

This certificate is awarded to...Ms. Rengesh C. zachasia.....for  
participating in 5 Days IETE Sponsored FDP on Innovations, IPR's & Optimisation in Electronic  
Design with Energy Systems organized by Department of ECE, Mangalam College of Engineering,  
Kottayam, Kerala, India on 18<sup>th</sup> November to 24<sup>th</sup> November 2022.

  
Convener

  
Coordinator

  
Principal  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

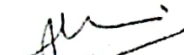


**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor, Kottayam

**Certificate of Participation**

This certificate is awarded to...MS.....Jyothisree K. R.....for  
participating in 5 Days IETE Sponsored FDP on Innovations, IPR's & Optimisation in Electronic  
Design with Energy Systems organized by Department of ECE, Mangalam College of Engineering,  
Kottayam, Kerala, India on 18<sup>th</sup> November to 24<sup>th</sup> November 2022.

  
Convener

  
Coordinator

  
Principal

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Ettumanoor






**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor, Kottayam

**Certificate of Participation**

This certificate is awarded to Ms. Neethan Elizabeth Abraham for participating in 5-Days FETL Sponsored TDP on Innovations, IPR's & Optimisation in Electronic Design with Energy Systems organized by Department of TCE, Mangalam College of Engineering, Kottayam, Kerala, India on 18<sup>th</sup> November to 24<sup>th</sup> November 2022.

  
Convener

  
Coordinator


  
Principal  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING




**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor, Kottayam

**Certificate of Participation**

This certificate is awarded to Ms. Mariya Stephan for participating in 5 Days FETE Sponsored FDP on Innovations, IPRs & Optimisation in Electronic Design with Energy Systems organized by Department of ECE, Mangalam College of Engineering, Kottayam, Kerala, India on 18<sup>th</sup> November to 24<sup>th</sup> November 2022.

  
Convener

  
Coordinator

  
Principal

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Ettumanoor



**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor, Kottayam

**Certificate of Participation**

This certificate is awarded to *M. Suresh Chandran* for participating in 5 Days IETE Sponsored FDP on Innovations, IPR's & Optimisation in Electronic Design with Energy Systems organized by Department of ECE, Mangalam College of Engineering, Kottayam, Kerala, India on 18<sup>th</sup> November to 24<sup>th</sup> November 2022.

*[Signature]*  
Convener

*[Signature]*  
Coordinator

*[Signature]*  
Principal  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



**NIPAM**  
NATIONAL IP AWARENESS MISSION

Government of India  
Ministry of Commerce and Industry  
Department for Promotion of Industry and Internal Trade  
Office of the Controller General of Patents, Designs and Trade Marks

**CERTIFICATE**

This is to certify that, **MS. DEVIKA SARATH** of **MANGALAM COLLEGE OF ENGINEERING**  
has successfully participated in IP Awareness/Training program under

**NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION**  
on November 18, 2022

Organized by  
Intellectual Property Office, India



Date: November-22, 2022

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

(Prof. (Dr) Unnat P. Pandit)  
CONTROLLER GENERAL OF  
PATENTS, DESIGNS & TRADE MARKS



# VIT<sup>®</sup>

**Vellore Institute of Technology**

(Deemed to be University under section 3 of UGC Act, 1956)

CHENNAI



## *Certificate of Participation*

This to certify that Dr./Prof./Mr./Ms. .... *Devika Sarath* ..... of  
..... *Mangalam College of Engineering, Ettumanoor* ..... has  
participated in FDP titled “Current Trends on Data Science and its Applications”  
organized by School of Electronics Engineering (SENSE) from 13<sup>th</sup> – 15<sup>th</sup> July 2022 at  
Vellore Institute of Technology, Chennai.

Dr. Shoba S  
Coordinator

Dr. Sasithradevi A  
Coordinator

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Dr. Susan Elias  
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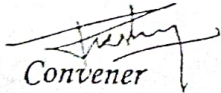
MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR 638 031

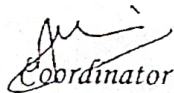


**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor, Kottayam

**Certificate of Participation**

*This certificate is awarded to...M.S....Devika...Sasath.....for  
participating in 5 Days IETE Sponsored FDP on Innovations, IPR's & Optimisation in Electronic  
Design with Energy Systems organized by Department of ECE, Mangalam College of Engineering,  
Kottayam, Kerala, India on 18<sup>th</sup> November to 24<sup>th</sup> November 2022.*

  
Convener

  
Coordinator

  
Principal  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

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MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR



**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor, Kottayam

**Certificate of Participation**

This certificate is awarded to Mr. galeel p. k for  
participating in 5-Days IETE Sponsored FDP on Innovations, IPR's & Optimisation in Electronic  
Design with Energy Systems organized by Department of ECE, Mangalam College of Engineering,  
Kottayam, Kerala, India on 18<sup>th</sup> November to 24<sup>th</sup> November 2022.

  
Convener

  
Coordinator

  
Principal  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the last five years

(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

(5)

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	Institution
JOHAN GEORGE CHERIAN	'Crossdisciplinarity in Research'	19/01/2023 to 24/01/2023.	Kerala State Higher Education Council : Faculty Training Centre
JOHAN GEORGE CHERIAN	Research Opportunities and Futures of Additive Mnuufacturing Engineering	30/01/2023 to 03/02/2023	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE,PUDUCHERRY
Dr.Rabi.J	'Crossdisciplinarity in Research'	19/01/2023 to 24/01/2023.	Kerala State Higher Education Council : Faculty Training Centre
Dr.Rabi.J	Research Opportunities and Futures of Additive Mnuufacturing Engineering	30/01/2023 to 03/02/2023	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE,PUDUCHERRY
SANTHU VARGHESE THOMAS	Research Opportunities and Futures of Additive Manufacturing Engineering	30/01/2023 to 03/02/2023	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE,PUDUCHERRY
AMAL R	Contemporary Breakthroughs in the Technologies of Industry 4.0	22/08/22 - 2408/22	Vimal Jyothi Engineering College, Chemperi, Kannur
Navish Kumar	'Crossdisciplinarity in Research'	19/01/2023 to 24/01/2023.	Kerala State Higher Education Council : Faculty Training Centre
Navish Kumar	Emerging Trends in Additive Manufacturing Technology	30/01/2023 to 03/02/2023	Federal Institute of Science and Technology, Angamaly
Dr. Bibin K S	Contemporary Breakthroughs in the Technologies of Industry 4.0	22/08/22 - 2408/22	Vimal Jyothi Engineering College, Chemperi, Kannur
Mr.Premjith S	'Crossdisciplinarity in Research'	19/01/2023 to 24/01/2023.	Kerala State Higher Education Council : Faculty Training Centre
Mr.Premjith S	Research Opportunities and Futures of Additive Mnuufacturing Engineering	30/01/2023 to 03/02/2023	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE,PUDUCHERRY
Mr. Tony Mathew	AICTE-Sponsored Two-Week Hybrid ATAL FDP on Digital Supply Chain Management	19/09/2022 to 30/09/2022	NIT, Calicut
Mr. Tony Mathew	Societal Applications of Machine Learning	26/12/2022 to 30/12/2022	Shri Vishnu Engineering College for Women (A), Bhimavaram

*J.R.*  
CRITERIA 6  
COORDINATOR/ME


PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettimanoor


*[Signature]*  
HOD/MECH


Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering



Mr. Tony Mathew	'Crossdisciplinarity in Research'	19/01/2023 to 24/01/2023.	Kerala State Higher Education Council : Faculty Training Centre
Mr. Tony Mathew	Research Opportunities and Futures of Additive Manufacturing Engineering	30/01/2023 to 03/02/2023	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE,PUDUCHERRY
Dr.Rabi.J	Contemporary Breakthroughs in the Technologies of Industry 4.0	22/08/22 - 24/08/22	Vimal Jyothi Engineering College, Chempuri, Kannur
SANTHU VARGHESE THOMAS	Societal Applications of Machine Learning	26/12/2022 to 30/12/2022	Shri Vishnu Engineering College for Women (A), Bhimavaram
SANTHU VARGHESE THOMAS	Recent Trends in Artificial Intelligence and Cyber Security	01-05 November 2022	Shri Vishnu Engineering College for Women (A), Bhimavaram
Dr Manikandan H	High End Machining Centres for Computer Integrated Manufacturing	28/11/2022 to 04/12/2022	IIT Madras
Dr Manikandan H	Advanced Machining Processes	August 2022 - October 2022	NPTEL
Dr Manikandan H	Rapid Manufacturing	July 2022 - October 2022	NPTEL
Dr Manikandan H	Fundamentals of Manufacturing Processes	July 2022 - October 2022	NPTEL

  
CRITERIA - 6  
CO-ORDINATOR / ME

  
PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettimadoor

  
HOD/MECH  
Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering



## Certificate of Participation

This is to certify that

**Mr. Amal R**

**Assistant Professor**

**Mangalam College of Engineering**

has participated in the KTU Sponsored Three Days Online Faculty Development Program on "Contemporary Breakthroughs in the Technologies of Industry 4.0" Organized by Department of Mechanical Engineering, Vimal Jyothi Engineering College, Chemperi, Kannur during 22 - 24, August 2022.

Certificate No:

VJECFPCBTI4222408017

**Dr. Sreekanth M P**  
(Coordinator & AP - ME)

**Dr. Jithin E V**  
(Coordinator & AP - ME)

**Cdr. (Retd.) Raju K Kuriakose**  
(HOD - ME)

**Dr. K PRATHEESH**  
Head of Department  
Department of Mechanical Engineering

**Dr. Benny Joseph**  
(PRINCIPAL)



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# Certificate of Participation

This is to certify that

**Mr. Bibin K.S**

**Assistant Professor**

**Mangalam College of Engineering**

has participated in the KTU Sponsored Three Days Online Faculty Development Program on "Contemporary Breakthroughs in the Technologies of Industry 4.0" Organized by Department of Mechanical Engineering, Vimal Jyothi Engineering College, Chemperi, Kannur during 22 - 24, August 2022.



**Certificate No:**

**VJECFPCBTI4222408020**

**Dr. Sreekanth M P**  
(Coordinator & AP - ME)

**Dr. Jithin E V**  
(Coordinator & AP - ME)

**Cdr. (Retd.) Raju K Kuriakose**  
(HOD - ME)

**Dr. Benny Joseph**  
(PRINCIPAL)

**Dr. K. PRATHEESH**  
Head of Department  
Department of Mechanical Engineering

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MANGALAM COLLEGE OF ENGINEERING  
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MANGALAM COLLEGE OF ENGINEERING



# SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

Puducherry - 605 107, India

ADDITIVE MANUFACTURING  
ENGINEERING

## CERTIFICATE OF PARTICIPATION

This is to Certify that  
**JOHAN GEORGE CHERIAN**  
Assistant Professor  
Mangalam College of Engineering

has participated and successfully completed the  
International Virtual Faculty Development Program on  
**Research Opportunities and Futures of  
Additive Manufacturing Engineering**

organized by the Department of Mechanical  
Engineering from 30<sup>th</sup> January - 3<sup>rd</sup> February 2023

Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering

Dr. G. G. Sozhamannan  
Coordinator

Dr. K. Velmuruhan  
Convenor

Dr. V.S.K. Venkatachalepathy  
Director cum Principal





# The Kerala State Higher Education Council

[Constituted by Kerala State Legislature by notification No.19536/Leg.Uni.3/2007/Law. Dated, Thiruvananthapuram 15-October-2007]

Science and Technology Museum Campus

Vikas Bhavan P.O., Thiruvananthapuram-695033

Website: [www.kshec.kerala.gov.in](http://www.kshec.kerala.gov.in), Email: [heckerala@gmail.com](mailto:heckerala@gmail.com)

Phone 0471-2301290-93, Fax: 0471-2301290

## Certificate of Participation

### Faculty Development Programme

This is to certify that **Mr. JOHAN GEORGE CHERIAN, ASSISTANT PROFESSOR, MECHANICAL ENGINEERING, MANGALAM COLLEGE OF ENGINEERING** completed One-week Faculty Development Programme (online mode) in 'Crossdisciplinarity in Research' organised by the Faculty Development Centre of the Kerala State Higher Education Council from **19/01/2023 to 24/01/2023** for the selected faculty members from the Higher Education Institutions in Kerala.

Thiruvananthapuram  
24th January 2023

  
**Dr. K. PRATHEESH**  
Head of Department  
Department of Mechanical Engineering



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

  
**Dr. Rajan Varughese**  
Member Secretary



## Certificate of Participation

This is to certify that

**Dr. Rabi. J**

**Associate Professor**

**Mangalam College of Engineering**

has participated in the KTU Sponsored Three Days Online Faculty Development Program on "Contemporary Breakthroughs in the Technologies of Industry 4.0" Organized by Department of Mechanical Engineering, Vimal Jyothi Engineering College, Chemperi, Kannur during 22 - 24, August 2022.



Certificate No:

VJECFDPCBTI4222408022

**Dr. Sreekanth M P**  
(Coordinator & AP - ME)

**Dr. Jithin E V**  
(Coordinator & AP - ME)

**Cdr. (Retd.) Raju K Kuriakose**  
(HOD - ME)

**Dr. Benny Joseph**  
(PRINCIPAL)

**Dr. K. PRATHEESH**  
Head of Department  
Department of Mechanical Engineering

**SRI MANAKULA VINAYAGAR  
ENGINEERING COLLEGE**

Angalams Insalamm  
Puducherry - 605 107, India

**CERTIFICATE  
OF PARTICIPATION**

This is to Certify that

**Dr. RABI. J**

Associate professor


Mangalam College of Engineering

has participated and successfully completed the  
International Virtual Faculty Development Program on


**Research Opportunities and Futures of  
Additive Manufacturing Engineering**

organized by the Department of Mechanical  
Engineering from 30<sup>th</sup> January - 3<sup>rd</sup> February 2023

  
Dr. K. PRATHEESH  
Head of Department  
Mechanical Eng

  
Dr. G. G. Sozhamannan  
Coordinator

  
Dr. K. Velmurugan  
Convenor

  
Dr. V.S.K. Venkatachalapathy  
Director cum Principal



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# The Kerala State Higher Education Council

(Constituted by Kerala State Legislature by notification No.19536/Leg.Uni.3/2007/Law. Dated, Thiruvananthapuram 15- October 2007)

Science and Technology Museum Campus

Vikas Bhavan P.O., Thiruvananthapuram-695033

Website: [www.kshec.kerala.gov.in](http://www.kshec.kerala.gov.in), Email: [heckerala@gmail.com](mailto:heckerala@gmail.com)

Phone 0471-2301290-93, Fax: 0471-2301290

## Certificate of Participation

### Faculty Development Programme

This is to certify that **Dr. Rabi J, Associate Professor, Mechanical Engineering, Mangalam college of Engineering** completed One-week Faculty Development Programme (online mode) in 'Crossdisciplinarity in Research' organised by the Faculty Development Centre of the Kerala State Higher Education Council from **19/01/2023 to 24/01/2023** for the selected faculty members from the Higher Education Institutions in Kerala.

Thiruvananthapuram  
24th January 2023

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumancor



Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering

Dr. Rajan Varughese  
Member Secretary



One Week Hands-On Training Workshop  
"High End Machining Centers for Computer  
Integrated Manufacturing"

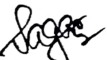
Under  
DST-STUTI Program of Indian Institute of Technology (ISM) Dhanbad-826004  
Funded By: Department of Science & Technology (DST), Govt. of India


Organised by  
Department of Mechanical Engineering  
Birla Institute of Technology & Science, Pilani - 333031

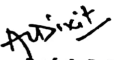
28<sup>th</sup> Nov. - 4<sup>th</sup> Dec., 2022

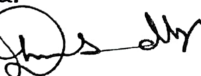
*Certificate*  
of Participation


This is to certify that Dr./ Mr./ Ms. Mani Kandan H of  
Mangalam College of Engg. Kottayam, Kerala has participated in the one-week hands-on training workshop on  
"High End Machining Centers for Computer Integrated Manufacturing" from 28<sup>th</sup> November - 04<sup>th</sup> December 2022  
organised by Department of Mechanical Engineering, Birla Institute of Technology & Science, Pilani under the aegis  
of DST-STUTI programme of Indian Institute of Technology (ISM) Dhanbad-826004, funded by the Department of  
Science and Technology (DST), Government of India.

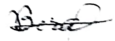
  
Prof. Sagar Pal  
Coordinator: DST-STUTI Project  
IIT (ISM) Dhanbad

  
Prof. Ravi K. Gangwar  
Co-coordinator: DST-STUTI Project  
IIT (ISM) Dhanbad

  
Prof. A. R. Dixit  
Program Coordinator  
IIT (ISM), Dhanbad


  
Prof. I. A. Kumaraswamidhas  
Program Coordinator  
IIT (ISM) Dhanbad

  
Prof. Bijay K. Rout  
Program Coordinator  
BITS Pilani, Pilani Campus

  
Prof. T C Bera  
Program Co-coordinator  
BITS Pilani, Pilani Campus

  
Prof. Srikanta Routroy  
Program Coordinator  
BIT Pilani, Pilani Campus

PROF. P. L.  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

  
Dr. R. PRATHEESH  
Head  
Department of Mechanical Engineering



Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MANIKANDAN H**



for successfully completing the course

**Fundamentals of Manufacturing Processes**

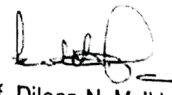
with a consolidated score of **60 %**



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



(Jul-Oct 2022)



Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

No NPTEL22ME71553470278

Duration of NPTEL course 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

PRINCIPAL  
SINGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MANIKANDAN H**

for successfully completing the course

**Rapid Manufacturing**

with a consolidated score of **66 %**



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



(Jul-Oct 2022)



Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No NPTEL22ME74S43470921

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering



PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# The Kerala State Higher Education Council

[Constituted by Kerala State Legislature by notification No.19536/Leg.Uni.3/2007/Law. Dated, Thiruvananthapuram 15<sup>th</sup> October 2007.]

## Science and Technology Museum Campus

Vikas Bhavan P.O., Thiruvananthapuram-695033

Website: [www.kshec.kerala.gov.in](http://www.kshec.kerala.gov.in), Email: [heckerala@gmail.com](mailto:heckerala@gmail.com)

Phone 0471-2301290-93, Fax: 0471-2301290

## Certificate of Participation

### Faculty Development Programme

This is to certify that **Mr. Navish Kumar**, Assistant professor, Mechanical Engineering, Mangalam College of Engineering completed One-week Faculty Development Programme (online mode) in 'Crossdisciplinarity in Research' organised by the Faculty Development Centre of the Kerala State Higher Education Council from **19/01/2023 to 24/01/2023** for the selected faculty members from the Higher Education Institutions in Kerala.

Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering



Thiruvananthapuram  
24th January 2023

Dr. Rajan Varughese  
Member Secretary

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
THIRUVANANTHAPURAM



# FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)

Hormis Nagar, Mookkannoor P.O., Angamaly, Kerala - 683577  
Affiliated to APJ Abdul Kalam Technological University, Kerala & Approved by AICTE, New Delhi  
(Accredited by NBA / NAAC / ISO 9001-2015 certified)




## CERTIFICATE OF PARTICIPATION

This is to certify that Mr NAVISH KUMAR  
of Mangalam College of Engineering, Ettumanoor  
has attended Faculty Development Programme on "Emerging Trends in Additive Manufacturing  
Technologies" organized by the Department of Mechanical Engineering, Federal Institute of Science  
And Technology (FISAT), Angamaly and sponsored by APJ Abdul Kalam Technological University,  
Kerala from 30<sup>th</sup> January to 3<sup>rd</sup> February 2023.

  
**Dr Harish T M**  
Convener

  
**Dr. K. PRATHEESH**  
Head of Department  
Department of Mechanical Engineering

  
**Dr. Sumanlal M R**  
Head of Department

  
**Dr. Manoj George**  
Principal

APJ ABUL KALAM COLLEGE OF ENGINEERING  
Ettumanoor

creno: FIT-AM17



# The Kerala State Higher Education Council

Constituted by Kerala State Legislature by notification No 19536/Leg Uni.3/2007/Law Dated Thiruvananthapuram 11.05.2007

## Science and Technology Museum Campus

Vikas Bhavan P.O., Thiruvananthapuram-695033

Website: [www.kshec.kerala.gov.in](http://www.kshec.kerala.gov.in), Email: [heckerala@gmail.com](mailto:heckerala@gmail.com)

Phone 0471-2301290-93, Fax: 0471-2301290

## Certificate of Participation Faculty Development Programme

This is to certify that **Mr. Premjith S, Assistant Professor, Mechanical Engineering, Mangalam College of Engineering** completed One-week Faculty Development Programme (online mode) in 'Crossdisciplinarity in Research' organised by the Faculty Development Centre of the Kerala State Higher Education Council from **19/01/2023 to 24/01/2023** for the selected faculty members from the Higher Education Institutions in Kerala.

Thiruvananthapuram  
24th January 2023

MANGALAM COLLEGE OF ENGINEERING  
Erumanoor



Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering

Dr. Rajan Varughese  
Member Secretary



# SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

Puducherry - 605 107, India

ADDITIVE MANUFACTURING  
ENGINEERING

## CERTIFICATE OF PARTICIPATION

This is to Certify that  
**PREMJITH S**  
Assistant Professor  
Mangalam College of Engineering

has participated and successfully completed the  
International Virtual Faculty Development Program on  
**Research Opportunities and Futures of  
Additive Manufacturing Engineering**

organized by the Department of Mechanical  
Engineering from 30<sup>th</sup> January - 3<sup>rd</sup> February 2023

Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering

Dr. G. G. Sozhamannan  
Coordinator

Dr. K. Velmurugan  
Convener

Dr. V.S.K. Venkatachalapathy  
Director cum Principal






**Department of Computer Science & Engineering**

**One Week National Level Online Faculty Development Program on  
Recent Trends in Artificial Intelligence and Cyber Security**

**Certificate of Participation**

This is to certify that **SANTHU VARGHESE THOMAS** of **MANGALAM COLLEGE OF ENGINEERING**, has participated in **One Week National Level Online Faculty Development Program on Recent Trends in Artificial Intelligence and Cyber Security** from **01-05 November 2022** organized by the department of **CSE** at **Shri Vishnu Engineering College for Women (A), Bhimavaram**. He/She has cleared the end exam successfully.

  
**Dr. P. Kiran Sree**  
**HOD-CSE**

  
**Dr. P. Srinivasa Raju**  
**Vice-Principal**

  
**Dr. G. Srinivasa Rao**  
**Principal**

**GRHPSY-CE000115**

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**PRINCIPAL**  
**MANGALAM COLLEGE OF ENGINEERING**  
Bhimavaram

  
**Dr. K. PRATHEESH**  
**Head of Department**



# SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

An Autonomous Institution  
Puducherry - 605 107, India

ADDITIVE MANUFACTURING  
ENGINEERING

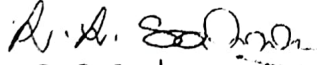
## CERTIFICATE OF PARTICIPATION


This is to Certify that  
**SANTHU VARGHESE THOMAS**  
Assistant Professor  
Mangalam College of Engineering

has participated and successfully completed the  
International Virtual Faculty Development Program on  
**Research Opportunities and Futures of  
Additive Manufacturing Engineering**

organized by the Department of Mechanical  
Engineering from 30<sup>th</sup> January - 3<sup>rd</sup> February 2023

  
Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering

  
Dr. G. G. Sozhamannan  
Coordinator

  
Dr. K. Velmurugan  
Convenor

  
Dr. V.S.K. Venkatachalapathy  
Director cum Principal  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



**Shri Vishnu Engineering College for Women : : Bhimavaram**  
**(Autonomous)**

**Department of Computer Science & Engineering**



**One Week National Level Online FDP on**  
**Societal Applications of Machine Learning, 26-30 December 2022**

**Certificate of Participation**

This is to certify that **Santhu Varghese Thomas** of Mangalam College of Engineering , has participated in **One Week National Level Online Faculty Development Program on Societal Applications of Machine Learning** from **26-30 December 2022** organized by the department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram. He/She has cleared the end exam successfully.

**Dr. P. Kiran Sree**  
**HOD-CSE**

**PRINCIPAL**  
**MANGALAM COLLEGE OF ENGINEERING**  
**Ettumanoor**

**Dr. P. Srinivasa Raju**  
**Vice-Principal**

**Dr. G. Srinivasa Rao**  
**Principal**

**Dr. K. PRATHEESH**  
**Head of Department**  
**Department of Mechanical Engineering**



**Shri Vishnu Engineering College for Women : : Bhimavaram  
(Autonomous)**

**Department of Computer Science & Engineering**



**One Week National Level Online FDP on  
Societal Applications of Machine Learning, 26-30 December 2022**

**Certificate of Participation**

**This is to certify that Tony Mathew of Mangalm College of Engineering, has participated in One Week National Level Online Faculty Development Program on Societal Applications of Machine Learning from 26-30 December 2022 organized by the department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram. He/She has cleared the end exam successfully.**

**Dr. P. Kiran Sree  
HOD-CSE**

**PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor**

**Dr. P. Srinivasa Raju  
Vice-Principal**

**Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering**

**Dr. G. Srinivasa Rao  
Principal**



# SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

Puducherry - 605 107, India

ADDITIVE MANUFACTURING  
ENGINEERING

## CERTIFICATE OF PARTICIPATION

This is to Certify that  
**TONY MATHEW**  
Assistant Professor  
Mangalam College of Engineering

Dr. K. PRATHEESH  
Head of Department

Department

has participated and successfully completed the  
International Virtual Faculty Development Program on

### Research Opportunities and Futures of Additive Manufacturing Engineering

organized by the Department of Mechanical  
Engineering from 30<sup>th</sup> January - 3<sup>rd</sup> February 2023

Dr. G. G. Sozhamannan  
Coordinator

Dr. K. Velmurogan  
Convenor

Dr. V.S.K. Venkatachalapathy  
Director cum Principal

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEER  
Ettimanoor





# The Kerala State Higher Education Council

[Constituted by Kerala State Legislature by notification No.19536/Leg.Uni.3/2007/Law. Dated, Thiruvananthapuram 15- October 2007.

Science and Technology Museum Campus

Vikas Bhavan P.O., Thiruvananthapuram-695033

Website: [www.kshec.kerala.gov.in](http://www.kshec.kerala.gov.in), Email: [heckerala@gmail.com](mailto:heckerala@gmail.com)

Phone 0471-2301290-93, Fax: 0471-2301290

## Certificate of Participation

### Faculty Development Programme

This is to certify that **Mr. Tony Mathew**, Assistant Professor, Mechanical Engineering, Mangalam College of Engineering completed One-week Faculty Development Programme (online mode) in 'Crossdisciplinarity in Research' organised by the Faculty Development Centre of the Kerala State Higher Education Council from 19/01/2023 to 24/01/2023 for the selected faculty members from the Higher Education Institutions in Kerala.

Thiruvananthapuram  
24th January 2023

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MANGALAM COLLEGE OF ENGINEERING  
Ettimanoor



Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering

Dr. Rajan Varughese  
Member Secretary



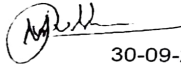
# AICTE-Sponsored Two-Week Hybrid ATAL FDP on Digital Supply Chain Management

Online - 19 to 24 September, 2022

Offline - 26 to 30 September, 2022

## Certificate of Participation


This is to certify that **Mr. Tony Mathew** from **Mangalam College of Engineering** participated in the AICTE-sponsored two-week hybrid ATAL FDP on "Digital Supply Chain Management" jointly organized by the Department of Mechanical Engineering & Department of Computer Science and Engineering, National Institute of Technology Calicut, held during 19-30 September 2022.

  
30-09-2022

**Dr. V. Madhusudanan Pillai**  
Coordinator



Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering

  
30/09/2022

**Dr. Hiran V. Nath**  
Co-coordinator

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Erumanoor



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to


**MANIKANDAN H**



for successfully completing the course

**Advanced Machining Processes**

with a consolidated score of **56 %**

  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



(Aug-Oct 2022)

  
Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL22ME119S33470443

Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2016, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

  
Dr. K. PRATHEESH  
Head of Department  
Department of Mechanical Engineering


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ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor


6.3.4 Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year  
(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

**BASIC SCIENCE AND HUMANITIES(2022-2023)**

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
Ms. Fiya James	Overview of securities market and career growth	29/09/22 to 29/09/22
Dr. Siby James	Structural equation modeling ( SEM) using Spss & AMOS	29/05/23- 31/05/23
Ms. Fiya James	Innovative Teaching and Learning Pedagogy	27/05/23-31/05/23
Mr. Jeffy James	Conquering the inner critic: Empowering Management Minds to thrive	26/05/23-26/05/23
Ms.Sreelakshmi Sreekumar	A Step by Step guide to write a good Research paper	18/03/23-27/03/23
Ms.Sreelakshmi Sreekumar	7 Days National Level online faculty development program on outcome based education	18/01/23-24/01/23
Ms.Sreelakshmi Sreekumar	Research paper writing for Research scholar	17/06/23-17/06/23
Mr. Jeffy James	Creating a growth mindset : Harnessing the power of positive thinking to achieve success	17/02/23 to 17/02/23
Mr. Jeffy James	How to become a Digital Marketer	16/05/23 to 16/05/23
Mr. Jeffy James	Research methods and Research methodology	15/04/23 to 15/04/23
Mr. Jeffy James	Speak up and stand out: Building dynamic communication skills	13/04/23 to 13/04/23
Mr. Jeffy James	From Dreamer to Doer	07/06/23 to 07/06/23
Mr. Jeffy James	What does it take to be an Entrepreneur	02/04/23 to 02/04/23
Mr. Jeffy James	Empowering students as Innovators: A path of Entrepreneurial excellence	16/06/23 to 16/06/23
Dr. Prima Anne George	7 day National Level Online Faculty Development on Outcome based education	18/01/23 to 25/01/23
Ms.Tina Baby	Structural equation modeling	14/02/23 to 16/02/23
Ms. Reshma Ravindranath	3 day training on research writing and publication	17/01/23 to 19/01/23
Ms. Neethu Kuncheria	Research paper writing for Research scholar	17/06/23 to 17/06/23
Ms. Tinta Baby	Advanced research and Quality publication	29/08/22 to 02/09/22

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Ettumanoor

 24/11/23

 24/11/23  
Tomy Mathew M Com. PhD.  
Professor and Head  
Department of Management Studies  
Mangalam College of Engg. Ettumanoor



# BSE

INVESTORS' PROTECTION FUND

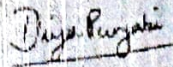
# KRISHA

FOUNDATION  
A TRUSTEES COMPANY

## CERTIFICATE OF PARTICIPATION

This is to Certify that Fiya James has participated in the Webinar  
Overview of Securities Market and Career Growth held on 29th September, 2022.

Organized by the BSE Investors Protection Fund as an Investor Awareness Initiative.



Smt. Diya Navin Punjabi  
President and Trustee Krishna Foundation

[www.bseindia.com](http://www.bseindia.com)

KFBSIPP/2021-22/197406



PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING

# CERTIFICATE OF PARTICIPATION



This is to certify that

**DR. SIBY JAMES**

Associate Professor, Mangalam College of Engineering

has participated in the **Three Day Workshop on Structural Equation Modeling (SEM) using SPSS & AMOS** organized by Dept. of Research & Publications, A2Z EduLearningHub LLP on 29th, 30th & 31st May 2023.

Director  
A2Z EduLearningHub LLP

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



Venue: Online

PSPAM523K52



\*Authorities accepting the certificate may check its authenticity at the web portal <https://edulearninghub.com/credential-id-verification/>



# Faculty Development Program / Training Program On Innovative Teaching and Learning Pedagogy

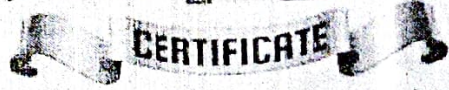


27-31  
May 2023

**Organized By**  
RESEARCH FOUNDATION OF INDIA  
National Coordinator

**In Association With**  
BPIIT

**Sponsored By**  
ERELDUVA, JADAV, WEST, ARBA, A



This is to Certify that Prof./Dr./Mr./Ms./Mrs.

**FIYA JAMES**

**ASSISTANT PROFESSOR, MBA DEPARTMENT, MANGALAM COLLEGE OF  
ENGINEERING, ETTUMANOOR, KOTTAYAM**

Participated in the Faculty Development Program/ Training Program On "Innovative Teaching and Learning Pedagogy" Jointly Organised by Research Foundation of India & RFI-CARE from 27-31 May 2023.

*[Signature]*  
**Dr. Manish Dubey**  
President, Central India Board  
Research Foundation of India

*[Signature]*  
**Dr. Ajay Jain**  
National Coordinator  
Research Foundation of India

*[Signature]*  
**Prof. Dr. Ashok Kumar Gupta**  
Chief Managing Director  
Research Foundation of India

*[Signature]*  
**Dr. Reshu Jain**  
Director  
RFI-CARE

*[Signature]*  
**Dr. Sourabh Jain**  
Chairman & CEO  
Research Foundation of India

[www.researchfoundationofindia.com](http://www.researchfoundationofindia.com)

*[Signature]*  
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**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor



Global Institute  
of Business Studies  
BANGALORE, INDIA



# CERTIFICATE

OF PARTICIPATION



*This certificate is awarded to*

**JEFFY JAMES**

For actively participating in IRE TALKS (A National Level Webinar) on  
**"Conquering the Inner Critic: Empowering Management  
Minds to Thrive"** by Diksha Dogra - Founder of Reimage by  
Diksha Academy | JoshTalk Speaker, on May 26, 2023

MR. RITESH GOYAL  
Managing Director, GIBS

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ANGALAM COLLEGE OF ENGINEERING  
Ettimanoor

[www.gibs.edu.in](http://www.gibs.edu.in)

DR. KAVITA MATHAD  
Dean & CGO, GIBS

# 10 Days FDP/ Training Program On A Step-by-Step Guide to write a Good Research Paper



Date: 18-27 March 2023

Organized By



RESEARCH FOUNDATION OF INDIA  
शिक्षण फाउंडेशन ऑफ इंडिया



In Association with



Parul' FACULTY OF COMMERCE,  
University PARUL UNIVERSITY-GUJARAT



Sponsored By



This is to Certify that Prof./Dr./Mr./Ms./Mrs.

**SREELAKSHMI SREEKUMAR**

ASSISTANT PROFESSOR, MANGALAM COLLEGE OF ENGINEERING

Participated in the 10 Days FDP/ Training Program On "A STEP-BY-STEP GUIDE TO WRITE A GOOD RESEARCH PAPER" Organised by Research Foundation of India & RFI-CARE from 18 March to 27 March 2023.

Dr. Manish Dubey  
President, Central India Board  
Research Foundation of India

Dr. Ajay Jain  
National Coordinator  
Research Foundation of India

Prof. Dr. Ashok Kumar Gupta  
Chief Managing Director  
Research Foundation of India

Dr. Sourabh Jain  
Chairman & CEO  
Research Foundation of India

[www.researchfoundationofindia.com](http://www.researchfoundationofindia.com)

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ESTD. 2002



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(Approved by NAAC with 'B' Grade) Affiliated to Kannur University



The Kerala State Higher Education Council

കേരള സംസ്ഥാന ഉന്നതവിദ്യാഭ്യാസ കൗൺസിൽ

# CERTIFICATE

This is to certify that

**Sreelakshmi P S**

has completed

**7 Day National Level Online Faculty Development Program on Outcome Based Education (OBE)**

organised by S.E.S College, Sreekandapuram

in association with The Kerala State Higher Education Council (KSHEC)

from 18 January to 25 January 2023

\*\*\*

**Dr. DOMINIC THOMAS**  
Principal  
**S.E.S. COLLEGE**  
**SREEKANDAPURAM**

PRINCIPAL  
**ANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor

IIIIEAGQnAp

**Dr. Mendus Jacob**  
FDP- Chief Resource Person  
Professor & Director MCA,  
Marian College, Kuttikkannam (Autonomous)  
MD & CEO, ipsr solutions limited.



**Dr. Rajan Varughese**  
Member Secretary,  
Kerala State Higher Education Council



Global Institute  
of Business Studies  
BANGALORE, INDIA



# CERTIFICATE OF PARTICIPATION



This certificate is awarded to

**JEFFY JAMES**

For actively participating in IRE TALKS (A National Level Webinar) on  
"CREATING A GROWTH MINDSET: HARNESSING THE POWER OF POSITIVE THINKING  
TO ACHIEVE SUCCESS" by Vibha Rani, Actor, Motivational speaker,  
Josh Talk Speaker on February 17, 2023

MR. RITESH GOYAL  
Managing Director, GIBS

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COLLEGE OF ENGINEERING  
BANGALORE  
Ettumanoor

DR. KAVITA MATHAD  
Dean & CGO, GIBS

www.gibsonline.in



Global Institute  
of Business Studies  
BANGALORE, INDIA



# CERTIFICATE OF PARTICIPATION



*This certificate is awarded to*

**JEFFY JAMES**

For actively participating in IRE TALKS (A National Level Webinar) on  
"HOW TO BECOME A DIGITAL MARKETER" by Shivam Ahuja -  
Founder and CEO @ Skillcircle | Edtech entrepreneur of Year 2022 - Awarded |  
TedX speaker | Podcaster  
on May 16, 2023

MR. RITESH GOYAL  
Managing Director, GIBS

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[www.gibs.edu.in](http://www.gibs.edu.in)

DR. KAVITA MATHAD  
Dean & COO, GIBS





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Serial : RG/WB50/0105

Date : 15-4-2023

# CERTIFICATE OF PARTICIPATION

This Certificate is proudly presented to

**JEFFY JAMES**

who has attended a 2 Hour Live Training Webinar on Research Methods  
and Research Methodology which was held on 15th April 2023

*Renu*

**DR. RENU**

Expert Resource Person

*[Signature]*  
PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



*Thejaswini*

**THEJASWINI B**

CEO at Research Graduate



Global Institute  
of Business Studies  
BANGALORE, INDIA



# CERTIFICATE OF PARTICIPATION

*This certificate is awarded to*

**JEFFY JAMES**

For actively participating in IRE TALKS (A National Level Webinar) on  
**"SPEAK UP AND STAND OUT: BUILDING DYNAMIC COMMUNICATION SKILLS  
FOR TODAY'S MODERN WORLD"** by Yash Tiwari - Global Youth Mentor,  
Award Winning International Public Speaker, TEDx & JoshTalk Speaker  
on April 13, 2023

MR. RITESH GOYAL  
Managing Director, GIBS

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

DR. KAVITA MATHAD  
Dean & CCO, GIBS



Global Institute  
of Business Studies  
BANGALORE, INDIA



# CERTIFICATE

OF PARTICIPATION



*This certificate is awarded to*

**JEFFY JAMES**

For actively participating in IRE TALKS (A National Level Webinar) on  
"FROM DREAMER TO DOER" by Girish Nagpal  
CEO & Co-founder at MetroRide | Shark Tank Finalist  
on June 07, 2023

MR. RITESH GOYAL  
Managing Director, GIBS

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[www.gibs.edu.in](http://www.gibs.edu.in)

DR. KAVITA MATHAD  
Dean & CCO, GIBS



Global Institute  
of Business Studies  
BANGALORE, INDIA



# CERTIFICATE OF PARTICIPATION



*This certificate is awarded to*

**JEFFY JAMES**

For actively participating in IRE TALKS (A National Level Webinar) on

**"What does it take to be an Entrepreneur?"**

by Rohit Kumar Sharma -COO & Co-founder-Bizgurukul Pvt Ltd

on April 25, 2023

MR. RITESH GOYAL  
Managing Director, GIBS

PRINCIPAL  
OF ENGINEERING

DR. KAVITA MATHAD  
Dean & CCO, GIBS



Global Institute  
of Business Studies  
BANGALORE, INDIA



# CERTIFICATE OF PARTICIPATION

*This certificate is awarded to*

**JEFFY JAMES**

For actively participating in IRE TALKS (A National Level Webinar) on  
**"Empowering Students as Innovators: A Path to Entrepreneurial Excellence"**  
by Gaurav Kundra & Gaurav Sharma - Founder - Credmate Fintech INC &  
Credmate Fintech Pvt Ltd, Shark Tank India Finalist  
on June 16, 2023

MR. RITESH GOYAL  
Managing Director, GIBS

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING

DR. KAVITA MATHAD  
Dean & CGO, GIBS



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# CERTIFICATE

This is to certify that

**Dr. Prima Anne George**

has completed

**7 Day National Level Online Faculty Development Program on Outcome Based Education (OBE)**


organised by S.E.S College, Sreekandapuram

in association with The Kerala State Higher Education Council (KSHEC)

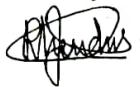
from 18 January to 25 January 2023

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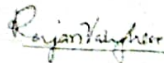
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**Dr. DOMINIC THOMAS**  
Principal  
S. E. S. COLLEGE  
SREEKANDAPURAM

  
PRINCIPAL  
KINGALAM COLLEGE OF ENGINEERING  
Ettumanoor

  
**Dr. Mendus Jacob**  
FDP- Chief Resource Person  
Professor & Director MCA,  
Marlan College, Kuttikkannam (Autonomous)  
MD & CEO, ipsr solutions limited.





**Dr. Rajan Varughese**  
Member Secretary,  
Kerala State Higher Education Council

# CERTIFICATE OF PARTICIPATION



This is to certify that

**MS. TINTA BABY**

Associate Professor, Mangalam College Of Engineering Ettumanoor

has participated in the **Three Day Workshop on Structural Equation Modeling (SEM) using SPSS & AMOS** organized by Dept. of Research & Publications, A2Z EduLearningHub LLP on 14th, 15h & 16th February 2023.

Director  
A2Z EduLearningHub LLP

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



Venue: Online

QW232T8



\*Authorities accepting the certificate may check its authenticity at the web portal <https://edulearninghub.com/credential-id-verification/>

# CERTIFICATE OF PARTICIPATION



This is to certify that

**MS. RESHMA RAVEENDRANATH**

Associate Professor ,MBA

has participated in the **Three Day Training on Research Writing & Publications** organized by Dept. of Research & Publications, A2Z EduLearningHub LLP on 17th, 18th & 19th January 2023.

Director  
A2Z EduLearningHub LLP, India

PRINCIPAL  
ANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



Venue: Online  
X23JAF82



\*Authorities accepting the certificate may check its authenticity at the web portal <https://edulearninghub.com/credential-id-verification/>





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Serial: RG/WB54/0162

Date: 17-6-2023

# CERTIFICATE OF PARTICIPATION

This Certificate is proudly presented to

**NEETHU KUNCHERIA**

who has attended a 2 Hour Live Training Webinar on Research Paper  
Writing for Research Scholars which was held on 17th June 2023

*Renu* PRINCIPAL  
DR. RENU Eltumanoor  
ANGRAM COLLEGE OF ENGINEERING

Expert Resource Person



*Thejaswini*  
**THEJASWINI B**  
CEO at Research Graduate



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Hormis Nagar, Mookkannoor P O, Angamaly, Ernakulam Dt. Kerala, India, Pin - 683 577

## **CERTIFICATE OF PARTICIPATION**

This is certified that

**Tinta Baby**

Associate professor


Mangalam college of Engineering Ettumanoor

participated and successfully completed one week International FDP on

**Advanced Research and Quality Publication**


at Federal Institute of Science and Technology (FISAT), Ernakulam, Kerala

from 29/08/2022 to 02/09/2022.

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Ms. Rose Mary Mathew  
Convenor

  
Dr. Sujesh P Lal  
Convenor

  
Dr. Deepa Mary Mathews  
HoD, Dept. of Computer Applications

  
Dr. Manoj George  
Principal