



2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Table of Contents

SL.No.	CONTENT	PAGE NO.
1	Course plan and delivery plan of staff member	2
2	Online Course Students Certificates	13
3	Student Certificates- project competition , paper presentation design contest, cybathalon etc	15
4	Proof for Gap filling- lecture talk, workshops etc	22
5	Students seminars	32
6	Industrial study mission	34
7	Internship and industrial training proof	36
8	Main project report, project into paper, papers published proof	40
9	Activities regarding professional bodies	42
10	Proof for news and apps for daily updations	47
11	Proof for ICT enabled teaching facilities - photos	50



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

TM

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org

1. Course plan and delivery plan of staff member - Participative Learning

VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY
VAZHAKULAM P.O., MUVATTUPUZHA, ERNAKULAM DIST, KERALA, INDIA - 686670
Phone: 0485 - 2262211, 2262255, 2262977, 2262244, 2262311, 94963 35522
Email: vjcet@vjcet.org vjcklm@gmail.com Website: www.vjcet.ac.in

Vision **"Moulding Professionals par Excellence
with Integrity, Fairness and Human Values"**

Mission

- We commit to develop the institution into a Centre of Excellence of International Standards.
- We guide and mould our students in the attainment of intellectual and professional competence for successfully coping with the rapid and challenging advancements in technology and the ever changing world of business, industry and services.
- We help and support our students in their personal growth shaping them into mature and responsible individuals.
- We strive to cultivate a sense of social and civic responsibility in our students, empowering them to serve humanity.
- We promise to ensure a free environment where quest for the truth is encouraged.

COURSE DIARY

Branch : *Electronics & Communication Engg*
Semester : *S3 EC* Year : *2022*
Subject : *Logic Circuit Design*
Code : *ECT 203*

Name of Staff member	: <i>Merlin Thomas</i>
Mobile No.	: <i>9446741339</i>
Designation	: <i>Assistant Professor</i>
Department	: <i>Electronics & Communication Engg.</i>

VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY

Proof for Course diary of faculty member- Front Page



SCHEDULE OF WORK/TIME TABLE

Days	1	2	3	4	5	6	7
Mon		LCD -S3 EC					
Tue				LCD- Remedial		LCD -S3 EC	
Wed							
Thu	LCD- S3 EC						
Fri			LCD- S3 EC				LCD- S3 EC

VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY

Proof for Course diary of faculty member- Time Table



ELECTRONICS AND COMMUNICATION ENGINEERING

ECT 203	LOGIC CIRCUIT DESIGN	CATEGORY	L	T	P	CREDIT
			PCC	3	1	

Preamble: This course aims to impart the basic knowledge of logic circuits and enable students to apply it to design a digital system.

Prerequisite: EST130 Basics of Electrical and Electronics Engineering

Course Outcomes: After the completion of the course the student will be able to

CO 1	Explain the elements of digital system abstractions such as digital representations of information, digital logic and Boolean algebra
CO 2	Create an implementation of a combinational logic function described by a truth table using and/or/inv gates/ muxes
CO 3	Compare different types of logic families with respect to performance and efficiency
CO 4	Design a sequential logic circuit using the basic building blocks like flip-flops
CO 5	Design and analyze combinational and sequential logic circuits through gate level Verilog models.

Mapping of course outcomes with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	3	3										
CO 2	3	3	3									
CO 3	3	3										
CO 4	3	3	3									
CO 5	3	3	3		3							

Assessment Pattern

Bloom's Category	Continuous Assessment Tests		End Semester Examination
	1	2	
Remember	10	10	10
Understand	20	20	20
Apply	20	20	20
Analyse			
Evaluate			
Create			

Mark distribution

Total Marks	CIE	ESE	ESE Duration
150	50	100	3 hours

Proof for Course diary of faculty member- Syllabus



Course Plan			
No.	Date & Day (Period)	Cumulative Hrs.	Topics to be Covered
<u>Module-1: Number Systems & Codes</u>			
1	12.9.22 Monday 2nd	1	Introduction to logic systems. Different types of Number systems.
2	13.9.22 Tues 4th	2	Binary, octal, hexadecimal number systems, & conversions from one to another.
3	13.9.22 Tues 6th	3	Counting in binary; Arithmetic operations in binary, octal, hexadecimal.
4	15.9.22 Thursday 1st	4	Representation of signed numbers - 3 types of representations.
5	16.9.22 Friday 3	5	Arithmetic using signed numbers.
6	16.9.22 Friday 7	6	Fixed & floating point numbers.
7	19.9.22 Monday 2	7	Binary codes - BCD code, Gray code, Excess 3 code.
8	20.9.22 Tues 6th	8	Error detection using parity bit.
9	22.9.22 Thursday 1st	9	Error detection & correction using Hamming code.
10	23.9.22 Friday 3rd	10	Examples of Error detection & correction, ASCII code (Alphanumeric).
11	23.9.22 Friday 7th	11	Introduction to Hardware Description language - Verilog; constructs.
12	26.9.22 Monday 2	12	Basic Language Elements of Verilog - Identifiers, data objects, data types.
13	27.9.22 Tues 6th	13	Tutorial

Proof for Course diary of faculty member- Course Plan



Details of Assignments			
No.	Date of submission	Date of return after evaluation	Description
1.	5.12.2022	12.12.2022	Define the terms noise margin, propagation delay, fan-in, fan out & power dissipation related to a logic family. Prepare a comparison table showing the values of each for the TTL, ECL, & CMOS logic families.
2	3.1.2023	4.1.2023	Timing Parameters of a flip flop clock skew & Time Ratio <i>Md</i>

VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY

Proof for Course diary of faculty member- Details of Assignment



<u>Details of Tutorials</u>		
No.	Date	Description
1	10.10.2022	Questions on SOP, POS, Total no. of gate c/ps, K map.
2	27.10.2022	Word problems. Design for minimal SOP, minimal POS, To obtain real minimum expressions & implement using universal gates.

125
22/10/22

VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY

Proof for Course diary of faculty member- Details of Tutorials



Moderation

Remedial Classes	Test I	Test II	Test III	Makeup Test	Assg. I	Assg. II	Attendance Percentage %	Attendance Marks	Sessional Marks	Remarks
	50	50								
	28	34			10	10	91	10	41	41
	-6-	22		4	10	10	86	9	31	35
	18½	18		2	10	10	88	9	33	35
	46	38			10	10	96	10	46	46
	13½	16		3	10	10	95	10	32	35
	38½	24			10	10	100	10	41	41
aa	16	25		2	10	10	76	8	33	35
a	11	17		6	10	10	65	7	29	35
a	30	19½			8	10	94	10	36	36
	28	12		1	10	10	87	9	34	35
	20	21		1	10	10	86	9	34	35
a	10	15		5	8	10	90	10	30	35
a	a 24	17		1	10	10	95	10	35	36
	11	-9-		5	10	10	91	10	30	35
	45	45			10	10	100	10	48	48
	28+3	25			10	10	96	10	39	39
	40	30			10	10	94	10	43	43
	25	10		2	10	10	88	9	33	35
	-1-	-1-		9	10	10	94	10	26	35
	43	29			10	10	95	10	43	43
	26	27			10	10	95	10	38	38
a	21	22			10	10	91	10	36	36
	24	19			10	10	90	10	36	36
	24	30			10	10	95	10	39	39
a	a 15	13½		6	9	10	77	8	29	35
aa	33	25			10	10	92	10	40	40
	10	18		3	10	10	95	10	32	35
a	22	a 15		3	10	10	75	8	29+3	35
aa	-8-	13½		7	8	10	86	9	28	35
	36	29			10	10	96	10	41	41
	32	39			10	10	88	9	42	42
	35	36			10	10	99	10	43	43
a	10	-7-		7	10	10	87	9	28	35
	10	17		3	10	10	90	10	32	35
	12	16		3	10	10	96	10	32	35

Proof for Course diary of faculty member- Mark Distribution Sheet



Subject Coverage				
No.	Date & Day (Period)	Cumulative Hrs.	Topics to be Covered	Mode of Instruction
14	26.9.2022 Monday 1 st	10	Problems of expanding a function to canonical SOP & POS.	Chalk & Talk
15	27.9.2022 Tuesday 2 nd	11	Converting a function to minterms & max terms.	Chalk & Talk
16	27.9.2022 Tuesday 4 th	12	Duality Principle. Duals of Boolean Identities	Chalk & Talk.
17	28.9.2022 Wednesday 3 rd	13	Word Problems.	Chalk & Talk
18	29.9.2022 Thursday 2 nd	14	Kmap. 2 variable 3 variable. intro.	Chalk & Talk.
19	30.9.2022 Friday 4 th	15	3 variable. Kmap. - SOP	Chalk & Talk
20	30.9.2022 Friday 6 th	16	4 variable Kmap - SOP (minimal)	Chalk & Talk
21	1.10.2022 Saturday 1 st	17	4 variable Kmap - minimal SOP	Chalk & Talk.
22	7.10.2022 Friday 3 rd	18	POS - from K map	Chalk & Talk.
23	7.10.2022 Friday 5 th	19	POS - 4 variable. Logic exp to ckt. Find o/p from logic	Chalk & Talk
24	7.10.2022 Friday 7 th	20	Logic expressions using NAND logic.	Chalk & Talk.
25	10.10.2022 Monday 2 nd	21	Tutorial Test.	(T)
26	14.10.2022 Friday 3 rd	22	Logic expression using NOR logic XOR using NAND logic	Chalk & Talk

Proof for Course diary of faculty member- Subject Coverage



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY												
Academic Calendar - September 2022 to January 2023												
B.Tech S7/S5/S3, BHMCT S5/S3, M.Plan S3, M.Arch S3												
Sep-22			Oct-22						Nov-22			
Days	Date	Description	Class	Days	Date	Description	Class	Days	Date	Description	Class	
Thu	1			Sat	1			17	Tue	1		39
Fri	2			Sun	2	Gandhi Jayanthi			Wed	2		40
Sat	3			Mon	3			18	Thu	3		41
Sun	4			Tue	4	Mahanavami			Fri	4		42
Mon	5			Wed	5	Vijayadasami			Sat	5		43
Tue	6			Thu	6			19	Sun	6		44
Wed	7	First Onam		Fri	7			20	Mon	7		44
Thu	8	Thiruvonam		Sat	8	Milad-E-sharif			Tue	8		45
Fri	9	Third Onam		Sun	9				Wed	9		46
Sat	10	Fourth Onam		Mon	10			21	Thu	10		47
Sun	11			Tue	11			22	Fri	11	First Series test to be completed for B.Tech S7/S5/S3, BHMCT S5/S3, M.Arch S3, M.Plan S3	48
Mon	12	Commencement of classes for B.Tech S3, BHMCT S5	1	Wed	12	Course Selection and Mapping Begins for B.Tech S5, BHMCT S3, M.Arch S3, M.Plan S3		23	Sat	12		
Tue	13	Commencement of classes for B.Tech S7	2	Thu	13			24	Sun	13		
Wed	14			Fri	14			25	Mon	14		49
Thu	15			Sat	15			26	Tue	15		50
Fri	16			Sun	16			26	Wed	16		51
Sat	17			Mon	17			27	Thu	17		52
Sun	18			Tue	18	Course Selection and Mapping Ends for B.Tech S5, BHMCT S3, M.Arch S3, M.Plan S3		28	Fri	18		53
Mon	19	Commencement of classes for B.Tech S5, M.Arch S3, M.Plan S3	7	Wed	19			29	Sat	19		
Tue	20			Thu	20			30	Sun	20		
Wed	21	Sree Narayana Guru Semadhi Day		Fri	21			31	Mon	21	Exam Registration begins for B.Tech S7/S5/S3, BHMCT S5/S3, M.Arch S3, M.Plan S3	55
Thu	22	Commencement of classes for BHMCT S3	9	Sat	22			32	Tue	22	Second CC Meetings for B.Tech S7/S5/S3, BHMCT S5/S3, M.Arch S3	56
Fri	23			Sun	23				Wed	23		57
Sat	24			Mon	24	Deepavali			Thu	24		58
Sun	25			Tue	25			33	Fri	25		59
Mon	26	Course Selection and Mapping Begins for B.Tech S7/S3, BHMCT S5	12	Wed	26			34	Sat	26		60
Tue	27	First CC Meetings for B.Tech S7/S5/S3, BHMCT S5/S3, M.Arch S3, M.Plan S3	13	Thu	27			35	Sun	27		
Wed	28			Fri	28			36	Mon	28		61
Thu	29			Sat	29			37	Tue	29		62
Fri	30	Course Selection and Mapping Ends for B.Tech S7/S3, BHMCT S5	16	Sun	30				Wed	30	Exam Registration ends for B.Tech S7/S5/S3, BHMCT S5/S3, M.Arch S3, M.Plan S3	63
				Mon	31			38				

Proof for Course diary of faculty member- Academic Calendar from the University



VISWAJYOTHI COLLEGE OF ENGINEERING AND TECHNOLOGY, VAZHAKULAM

VISION: "Moulding professionals par excellence with integrity, fairness, and human values"

SEMESTER PLAN FOR S7, S5, S3 & S1 KTU B.Tech Classes (September 12th 2022 - January 10th 2023)

Month	Days
September	14
October	20
November	23
December	18
January	13
Total	88

Series	Hours
S7	74
S5	75
S3	73
S1	


IMPORTANT DATES

September 12th	Commencement of classes for S7
September 13th	Commencement of classes for S5
September 19th	Commencement of classes for S3
September 27th	First Class Committee meeting (S7, S5 and S3)
October 25th	Commencement of classes for S1
October 28th	Assignment 1 Completion (S7, S5 and S3)
November 4th	Series Test 1, Commencement (S7, S5 and S3)
November 18th	Consolidated Marklist of Series Test 1 (S7, S5 and S3)
November 22nd	Second Class Committee meeting (S7, S5 and S3)
November 25th and 26th	Tech Test
December 2nd	Assignment 2 Completion (S7, S5 and S3) and Assignment 1 (S1)
December 9th	Series Test 2, Commencement (S7, S5 and S3) and Series Test 1 (S1)
December 17th	Third Class Committee meeting (S7 and S3)
December 18th	Consolidated Marklist of Series Test 2 (S7 and S3)
December 21st	Publish Internal Marks (S3)
December 23rd	Class Ends and Publish Attendance (S3)
December 24th	Publish Internal Marks (S7)
December 29th	Class Ends and Publish Attendance (S7)
Dec 26th - Jan 2nd	Third Class Committee meeting (S7, Consolidated Marklist of Series 2 (S5) & Series 1 (S1))
January 3rd	Class Ends and Publish Attendance (S7)
January 6th	Third Class Committee meeting (S5)
January 7th	Publish Internal Marks (S5) and Assignment 2 completion (S1)
January 10th	Class Ends and Publish Attendance (S5)
January 13th	Series Test 2, Commencement (S1)

Sl. No.	Date	Event	September		October		November		December	
			10-14	15-19	20-24	25-29	30-04	05-09	10-14	15-19
1	10-14	Commencement of regular classes (S7)								
2	15-19	Regular class								
3	20-24	Regular class								
4	25-29	Regular class								
5	30-04	Regular class								
6	05-09	Regular class								
7	10-14	Regular class								
8	15-19	Regular class								
9	20-24	Regular class								
10	25-29	Regular class								
11	30-04	Regular class								
12	05-09	Regular class								
13	10-14	Regular class								
14	15-19	Regular class								
15	20-24	Regular class								
16	25-29	Regular class								
17	30-04	Regular class								
18	05-09	Regular class								
19	10-14	Regular class								
20	15-19	Regular class								
21	20-24	Regular class								
22	25-29	Regular class								
23	30-04	Regular class								
24	05-09	Regular class								
25	10-14	Regular class								
26	15-19	Regular class								
27	20-24	Regular class								
28	25-29	Regular class								
29	30-04	Regular class								
30	05-09	Regular class								
31	10-14	Regular class								
32	15-19	Regular class								
33	20-24	Regular class								
34	25-29	Regular class								
35	30-04	Regular class								
36	05-09	Regular class								
37	10-14	Regular class								
38	15-19	Regular class								
39	20-24	Regular class								
40	25-29	Regular class								
41	30-04	Regular class								
42	05-09	Regular class								
43	10-14	Regular class								
44	15-19	Regular class								
45	20-24	Regular class								
46	25-29	Regular class								
47	30-04	Regular class								
48	05-09	Regular class								
49	10-14	Regular class								
50	15-19	Regular class								
51	20-24	Regular class								
52	25-29	Regular class								
53	30-04	Regular class								
54	05-09	Regular class								
55	10-14	Regular class								
56	15-19	Regular class								
57	20-24	Regular class								
58	25-29	Regular class								
59	30-04	Regular class								
60	05-09	Regular class								
61	10-14	Regular class								
62	15-19	Regular class								
63	20-24	Regular class								
64	25-29	Regular class								
65	30-04	Regular class								
66	05-09	Regular class								
67	10-14	Regular class								
68	15-19	Regular class								
69	20-24	Regular class								
70	25-29	Regular class								
71	30-04	Regular class								
72	05-09	Regular class								
73	10-14	Regular class								
74	15-19	Regular class								
75	20-24	Regular class								
76	25-29	Regular class								
77	30-04	Regular class								
78	05-09	Regular class								
79	10-14	Regular class								
80	15-19	Regular class								
81	20-24	Regular class								
82	25-29	Regular class								
83	30-04	Regular class								
84	05-09	Regular class								
85	10-14	Regular class								
86	15-19	Regular class								
87	20-24	Regular class								
88	25-29	Regular class								
89	30-04	Regular class								
90	05-09	Regular class								
91	10-14	Regular class								
92	15-19	Regular class								
93	20-24	Regular class								
94	25-29	Regular class								
95	30-04	Regular class								
96	05-09	Regular class								
97	10-14	Regular class								
98	15-19	Regular class								
99	20-24	Regular class								
100	25-29	Regular class								
101	30-04	Regular class								
102	05-09	Regular class								
103	10-14	Regular class								
104	15-19	Regular class								
105	20-24	Regular class								
106	25-29	Regular class								
107	30-04	Regular class								
108	05-09	Regular class								
109	10-14	Regular class								
110	15-19	Regular class								
111	20-24	Regular class								
112	25-29	Regular class								
113	30-04	Regular class								
114	05-09	Regular class								
115	10-14	Regular class								
116	15-19	Regular class								
117	20-24	Regular class								
118	25-29	Regular class								
119	30-04	Regular class								
120	05-09	Regular class								
121	10-14	Regular class								
122	15-19	Regular class								
123	20-24	Regular class								
124	25-29	Regular class								
125	30-04	Regular class								
126	05-09	Regular class								
127	10-14	Regular class								
128	15-19	Regular class								
129	20-24	Regular class								
130	25-29	Regular class								
131	30-04	Regular class								
132	05-09	Regular class								
133	10-14	Regular class								
134	15-19	Regular class								
135	20-24	Regular class								
136	25-29	Regular class								
137	30-04	Regular class								
138	05-09	Regular class								
139	10-14	Regular class								
140	15-19	Regular class								
141	20-24	Regular class								
142	25-29	Regular class								
143	30-04	Regular class								
144	05-09	Regular class								
145	10-14	Regular class								
146	15-19	Regular class								
147	20-24	Regular class								
148	25-29	Regular class								
149	30-04	Regular class								
150	05-09	Regular class								
151	10-14	Regular class								
152	15-19	Regular class								
153	20-24	Regular class								
154	25-29	Regular class								
155	30-04	Regular class								
156	05-09	Regular class								
157	10-14	Regular class								
158	15-19	Regular class								
159	20-24	Regular class								
160	25-29	Regular class								
161	30-04	Regular class								
162	05-09	Regular class								
163	10-14	Regular class								
164	15-19	Regular class								
165	20-24	Regular class								
166	25-29	Regular class								
167	30-04	Regular class								
168	05-09	Regular class								
169	10-14	Regular class								
170	15-19	Regular class								
171	20-24	Regular class								
172	25-29	Regular class								
173	30-04	Regular class								



2. Online Course Students Certificates-Participative Learning



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
SHANA P B
 for successfully completing the course


Introduction to Internet of Things

with a consolidated score of **81** %

Online Assignments	24.35/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023
 (12 week course)







Prof. Debjani Chakraborty
 Coordinator, NPTEL
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS51563531339 To validate the certificate  No. of credits recommended: 3 or 4

Proof for NPTEL Certificate



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

TM

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670

Tel: 0485 2262211 / 44

Email: vjcet@vjcet.org

www.vjcet.org



Proof for COURSERA Certificates



3. Student Certificates- Project Competition , Paper Presentation Design Contest, Cybathalon etc- Problem Solving Methodologies, Experiential and Participative Learning

REPORT ON IDEA FEST on 3rd and 4th January 2023

In Today's world, education is not only about learning and teaching in a class-room, it is much more about practical awareness rather than theoretical sessions. The idea fest was spread over two days on 3rd and 4th of January 2023 from 9.00 AM onwards with some Major and Minor projects and had a number of students and teachers participating and collaborating hand in hand to make the event successful. This exhibition was open to students from other schools as well as their parents.

Objective of the Event:

- To develop the presentation skills.
- To improve the teamwork of the project group members
- To create an aggressive mind-set among the students.
- To develop and present innovative skills as well as technical skills.
- To get maximum experience to latest technology and share their ideas and knowledge with the current technologies.

About the Event:

At 9.00 AM itself the idea fest was started by the Principal by giving a warm welcome speech and requested the Manager to assist him in lighting the lamp. Many students from different branches showed interest to showcase their projects with posters in the idea fest. All the projects were mentored and guided by the faculty members of the department. The students demonstrated the working of their projects to the visitors. The exhibition provides a good platform for students to showcase their talents and receive suggestions from other experts. All the faculty members of the department were present during the exhibition and provided guidance to the students for the successful execution of the program. This exhibition succeeded in giving an overview of practical applications in various domains. The event motivated the first and second year students



to take up the project work seriously and to bring in more innovations in the work that can be helpful to the society.

Photos of the Session





VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org



**GET
YOUR
IDEAS
READY!**

WINNERS IN EACH CATEGORY
WILL GET **5K** EACH

**ENTREPRENEURSHIP
/ INNOVATION**



SCAN AND REGISTER
SHORTURL.AT/UX167



Innovators' Premier League



**IEDC
IDEAFEST
2022**

SUBMIT YOUR IDEAS BEFORE
17TH NOVEMBER 10 PM

FOR QUERIES CONTACT

DR. ARUN K, ME DEPT | BENNET JOY
ASSISTANT PROFESSOR | COO, IEDC VJCET
9946447403 | 9895954971



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)



Entrepreneurship Development
Centre
IEDC

Poster of the Idea Fest



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

TM

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org

SCIENCE & TECHNICAL PROJECT COMPETITION

Friday & Saturday - 25th & 26th November 2022
09.30 am

Working Model Prizes

- 1st Prize: ₹15K
- 2nd Prize: ₹10K
- 3rd Prize: ₹5K

Still Model Prizes

- 1st Prize: ₹7.5K
- 2nd Prize: ₹5K
- 3rd Prize: ₹2.5K

Reporting time
10.00 am onwards

Registration Link
<https://forms.gle/hhMXXThjFEUah7RD9>

Registration before
24-11-2022, 07.00 pm

Venue
Main Auditorium

Limited for first 20 entries in each category

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

For more details
Mr. Somy P. Mathew
9048104565

VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org

Proof for conducting Science & Technical Project Competition.



VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org



Proof for Participation in Workshop on Machine Learning



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

TM

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org



Proof for Participation in Paper presentation



winterhack



INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE

This is to certify that

JICHU SANTHOSH

had participated in **WinterHack**, a 24 Hour Hackathon
conducted by **IEDC ICET** at **Ilahia College of Engineering
and Technology** from December 2 to December 3, 2022
and he/she built/ideate solutions for a social issue.

Dr. Shebin Sharief
Nodal Officer

Ameesha Arackal
IEDC LEAD

Proof for Participating in “Winter Hack”, A 24 Hour hackathon Conducted by IEDC ICET



4. Proof for Gap Filling- Lecture Talk, Workshops etc- Participative Learning

Report of the Workshop on Machine Learning Concepts and Applications from 14th to 16th December 2022

The Event was organized on 14th, 15th and 16th of December 2022 with the intention to serve proper guidance on Machine learning concepts. Dr. Shailesh Sivan, Assistant professor DCS, CUSAT, Ernakulam was the resource person for the event. Around 50 students from 3rd level IT branch took part in this workshop. The Event was a great success and interactive for both the ends. Students showed their active participation in following mentors' guidance and mentors handled to worst to best situations wisely. Machine Learning has been on top of the charts of trending advanced technologies since a long time. It is a method of data analysis that automates analytical model building and happens to be a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention. In order to make the students acquainted with this topic, an initiative was raised to conduct a workshop on Machine Learning.

DAY 1

It started with warm welcome and inauguration of the event. Mentors started with the R language and made all the students familiar with R studio. The expert started the workshop by giving an introduction on machine learning and its applications. After the introduction the basic concepts and how Machine Learning works were taught. Moreover, the difference between Machine Learning and Deep Learning was also enlightened.

DAY 2

The workshop was proceeded by emphasizing the applications of Machine Learning. Various applications of Machine Learning include Web Search Engine, Photo Tagging applications, Spam detector, Face Recognition and many more. The highlight of the workshop was "How to generate image from given dataset". This can be done by Generative Adversarial Network (GAN).

DAY 3

They raised the level of workshop to intermediate by practical hands-on projects like speech to text, chatbots, classification, regression. New students found it difficult initially as they were not much familiar but with the help of volunteers, they tried at their best to deliver quality.



Technical problems like internet connection suffered but mobile hotspots were arranged accordingly.

Photos of the Session



**3 day Workshop on
MACHINE LEARNING:
CONCEPTS AND
APPLICATIONS**

**2022
DECEMBER
14, 15, 16**

Venue
R&D Lab

**For
S7 IT
students**

Resource Person
Dr. Shailesh Sivan
Assistant Professor
DCS, CUSAT
Ernakulam

Convener
Ms. Anju Susan George - HOD, IT

Co-ordinators
Ms. Juliet A Murali, Assistant professor, IT
Ms. Anitta K Mathew, Assistant professor, IT
Ms. Josna Jose, Assistant professor, IT

Organized by
Department of Information Technology
in association with
CSI, IEDC, R&D & IIC

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

VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org



Report on the Webinar Conducted on 7th January 2023 on the Topic “Design Thinking, Critical Thinking and Innovation Design”.

1. Introduction

The Resource Person of the workshop was Mr. Ramamirtham Thirusangu, Entrepreneur/ Success Smiles Coach / Author / Trainer. The workshop organized by IIC, IEDC & IIC VJCET on 7th January was on the topic “Design Thinking, Critical Thinking and Innovation Design”. The training was conducted in an intention to providing the students brief idea about innovation through design thinking.

2. Program Objective

The objective of conducting such a webinar is to encourage students to how to apply the innovation thinking and design thinking for a problem raised. Also, it is intended to make students familiar about to create a problem statement by understanding and analyzing the information given by user.

3. Program Description

The training was conducted through the online platform ‘Zoom’ and had begun by 10:00 am with a welcome speech by Mr. Antony Varghese. The Resource Person of the workshop was Mr. Ramamirtham Thirusangu, Entrepreneur/ Success Smiles Coach / Author / Trainer. The session was conducted for first year & second year mechanical students and a total of 51 students participated. During the session Mr. Ramamirtham Thirusangu explained about the creative thought process used to generate ideas and solutions. The program aims to synthesize information and make connections to interpret information and draw conclusions.

4. Program Outcomes

The session was very much useful for the students. It gave a lot of new insights and clarity about their goals & strategies and also students got a very good idea about facing everyday challenges through coordination & cooperation and also they got the knowledge about the requirements of an industry and how to fulfill the duties entitled to them.

5. Conclusion

The workshop was wound up by 11.30 am by the vote of thanks delivered by Mr. Melvin Joshy of first year student of Mechanical Engineering Department.



Photos of session





VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

TM

Vazhakulam P.O., Muvattupuzha

Ernakulam Dist., Kerala - 686 670

Tel: 0485 2262211 / 44

Email: vjctet@vjctet.org

www.vjctet.org

ATTENDANCE OF THE SESSION

WORKSHOP ON DESIGN THINKING, CRITICAL THINKING & INNOVATION DESIGN

SL NO.	NAME	CLASS	MAIL ID	MOB. NO.
1	Navin Anand Prith	S3 ME	navinprith25@gmail.com	7806199043
2	Alshou Biju	S2 ME	iamjishou14@gmail.com	7560953775
3	Nikhil Biju	S2 ME	biyu.nikhil90@gmail.com	9867001050
4	Melvin F.S	S3 ME	melvin.f.s.06@gmail.com	9895219298
5	Theja Biju	S3 ME	thejabiju11@gmail.com	6282436054
6	Vivax Jose	S3 ME	vivaxjose0606@gmail.com	9447107215
7	Albert Shaju	S2 ME	albertshaju22@gmail.com	8547875481
8	Dibin Shajan	S2 ME	dibinshajan12@gmail.com	9590675328
9	Vivek Shajee	S2 ME	vivekshajee@gmail.com	9961971531
10	Beshin Babu	S3 ME	Beshinbabu502@gmail.com	9757985544
11	Jophan Sooj	S2 ME	jophansooj2@gmail.com	8848205040
12	Ashbin George	S3 ME	ashbingeorge@gmail.com	7994127080
13	VYSHNAV KR	S3 ME	vyshnavkr22@gmail.com	7306047664
14	AMAR'S THOMAS	S3 ME	amarstomas12@gmail.com	2590810517
15	Alaovinceal	S3 ME	alaovinceal2@gmail.com	7561069775
16	BIGUN S	S3 ME	bigun.s.1@gmail.com	903787660
17	Pandakishor S	S3 ME	pandakishor513456@gmail.com	9497105426
18	Stephen MR	S3 ME	stephenmr323@gmail.com	9446872083
19	Abin Jose	S3 ME	abinjose904@gmail.com	944549184
20	Ben Samuel	S3 ME	benj0001@gmail.com	7594015124
21	GAGAN PREM	S3 ME	gaganprem35@gmail.com	9605603779
22	EMMANUEL LEJAY	S3 ME	emmanuel5kuttanlejay@gmail.com	988358018
23	Aadil P.H.KH	S1 ME	aadilpkh112@gmail.com	8125216970
24	ivano sreeth	S1 ME	ivanosreeth@gmail.com	9567204660
25	nijun maharajan	S1 ME	nijunmaharajan12@gmail.com	7736512147
26	Rohith R. Manoj	S1 ME	rohithrmanoj@gmail.com	7909110381
27	Manoj P.S	S1 ME	manojps41@gmail.com	6235515871
28	Tee K Mani	S1 ME	tee.k.mani2009@gmail.com	5589926836
29	Hithikesh Manoj	S1 ME	hithikesh221m49@gmail.com	8121791826
30	Jayez P.Jims	S1 ME	jayezpajims@gmail.com	9846996497
31	Ashwin Anto Jolly	S1 ME	ashwinantojolly@gmail.com	9805036102
32	Ashwin K. Ajian	S1 ME	ashwinajian2204@gmail.com	7107370741
33	CHAMINDAVAS	S1 ME	chamindavas22em16@vjctet.org	3570602716
34	ASHWIN KANNAN	S1 ME	ashwin.kannan.21b@gmail.com	9188811083
35	Alby Augustine	S1 ME	albyaugustine123@gmail.com	7909966744
36	ELDHAS ABRA	S1 ME	eldhasabra1112@gmail.com	9846960196
37	Jahnu Srikumar	S1 ME	jahnusrikumar11@gmail.com	8590451355
38	Abilman K Biju	S1 ME	abilman115115@gmail.com	830788087
39	Jasalraj 2006	S1 ME	jasalraj2006@gmail.com	90941533145
40	Melvin Jashy	S1 ME	Melvinjashy2009@gmail.com	9895169534
41	Melvin P. Isaac	S1 ME	melvinisac7@gmail.com	7025463067
42	Ashwin Raju	S1 ME	ashwinraju1998@gmail.com	9700897450
43	A. K. Manoj	S1 ME	akmanoj14@gmail.com	9134363571
44	Ashwin A.M	S1 ME	ashwinam135@gmail.com	9567761107
45	Abhinav M. Suresh	S1 ME	abhinavm135@gmail.com	974107902
46	Ashwin A. Anil	S1 ME	ashwinanil03@gmail.com	9061135560
47	Anith Jashy	S1 ME	Anithjashy06@gmail.com	9745489053
48	Ashwin P. Pradeep	S1 ME	ashwinpradeep606@gmail.com	8921124409
49	Jithu P.S	S1 ME	jithups@gmail.com	6235588931
50	Jeeja Joseph	S5 ME	jeejajoseph5@gmail.com	9477153876
51	Jichu.TS	S5 ME	jichuthash86@gmail.com	9079951465



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

TM

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org

Workshop on

ENTREPRENEURSHIP SKILL ATTITUDE & BEHAVIOUR DEVELOPMENT

For S1 IT Students

2023 JANUARY 13
11.15 am - 12.15 pm

Google Meet
vry-ajks-qai

Resource Person
Mr. Prabhul Anil
Chief Operating Officer
d'Katia Software Technologies

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

Organized by
IIC in association with
IIC & IEDC





VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org

Proof for Online Training Program



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

TM

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org

Expert Talk on
**AWARENESS ON
CURRENT RESEARCH AREAS
AND FINANCIAL ASSISTANCE SCHEMES**

For S8 ECE Students

2023
MARCH
10
11.45 am
at
MBA Seminar Hall



Resource Person
Mr. Balakrishna I
Scientist SAMEER- CEM
Chennai



Staff coordinators
Mrs. Smitha Cyriac, AP, ECE
Mrs. Niji Mathews AP, ECE

Organized by
IETE
in association with
Department of Electronics & Communication Engineering








VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org

Proof for Organizing Webinars on Relevant Topics



VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org

**Expert Talk on
DEVELOPMENT AND TESTING OF
COMPOSITE MATERIALS**

March 2023
02
02.30 pm

for
S8
ME Students

Resource Person



Dr. Sajith Babu
Professor
Department of Mechanical Engineering
Govt. Engg. College, Thrissur



Program Coordinators
Dr. Shunmugesh K (HOD, MED)
Dr. Arun Raphel (AP, ME)

Organized by
Department of Mechanical Engineering



VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org

Proof for Organizing Webinars on Relevant Topics



VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY
 Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
 Ernakulam Dist., Kerala - 686 670
 Tel: 0485 2262211 / 44
 Email: vjcet@vjcet.org
 www.vjcet.org

Technical Talk on
**MOBILE PHONE:
 TECHNOLOGIES &
 GENERATIONS**

2023
MARCH
24
 10.00 am - 12.45 pm
 @
 R & D Seminar Hall

For
**S8 ECE
 Students**



Resource Person
Mr. Kamalasanan P K
 Asst. General Manager (Rtd.)
 BSNL

Organized by
 Department of Electronics & Communication Engineering
 in association with
R&D, VJCT

Coordinators
 Dr. Naveen Jacob - HoD, ECE
 Dr. Tony D., Associate Professor, ECE






VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University



Vazhakulam P.O., Muvattupuzha
 Ernakulam Dist., Kerala - 686 670
 Tel: 0485 2262211 / 44
 Email: vjcet@vjcet.org
 www.vjcet.org

Proof for Organizing Webinars on Relevant Topics



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

TM

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670

Tel: 0485 2262211 / 44

Email: vjcet@vjcet.org

www.vjcet.org

SEMINAR on CAREER GUIDANCE IN ELECTRICAL ENGINEERING

2023
FEBRUARY

17

11.30 am - 12.30 pm

Venue

Room No. B102

For
S8 EEE
Students



Resource Person

Er. Akhilesh Kumar
Senior MEP Engineer
MTC International LLC

Coordinators

Ms. Mereya Baby, AP, EEE
Ms. Smitha Jacob, AP, EEE



Organized by

Department of Electrical & Electronics Engineering
in association with

R&D & Alumni Association, VJCET



VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha

Ernakulam Dist., Kerala - 686 670

Tel: 0485 2262211 / 44

Email: vjcet@vjcet.org

www.vjcet.org

Proof for Organizing Expert Talks on Relevant Topics



5. Students Seminars - Participative Learning



Proof for Seminar Report - Certificate Page



Proof for Organizing Students Seminars



6. Industrial Study Missions Proof- Experiential and Participative Learning



Proof for Industrial Study Missions



VISWAJYOTHITM
COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org

ARENA
ANIMATION
MANGALORE

CERTIFICATE OF INDUSTRIAL VISIT

Graphic design, Animation and latest Trends in IT

Aina Shibu

*Student of Viswajyothi College Of Engineering And Technology has attended the above one day
Industrial visit Program held at Arena Animation Mangalore*

11/05/2023

DATE



ABDULLA ABID SAMAH

DIRECTOR

Proof for Industrial Study Missions

7. Internship and Industrial Training -Proof- Problem Solving Methodologies, Experiential And Participative Learning



VISWAJYOTHITM

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org

TVS MOBILITY

TVS MOBILITY PRIVATE LIMITED
X/863 A, KOTTAPPURAM JUNCTION
ALUVA - PARAVOOR ROAD
ALANGAD - 683 511

Alangad

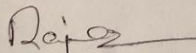
31-05-23

TO WHOM SO EVER IT MY CONCERN

This is to certify that Sri.Jichu T S., 3rd year Mechanical Engineering student of M/s.Viswajyothi College of Engineering and Technology, Vazhakulam, Muvattupuzha, Ernakulam,PIN-686670 has undergone internship in this establishment from 21-05-2023 to 31-05-23 successfully. He has gone through various service processes of Ashok Leyland vehicles during period and has acquired a basic knowledge about the same.

We wish him all success for the future endeavors.

For TVS Mobility Private Limited,


Senior Manager-HR & Operations



TVS Mobility Private Limited

Registered Office • No. 10, Jawahar Road, Chokkikulam, Madurai - 625 002
CIN U50400TN2018PTC121056

Proof for Internships and Industrial Training by the students



Proof for Internship and Industrial Training by the students



VISWAJYOTHI

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

TM

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org

TM TECHMAGHI

20-06-2023
TM22ECU10137

This is to certify that **Jichu T S** completed a 15-day additional internship as part of the ECU Tuning Foundation Course offered by ReynLab, a STEM accredited institute, through Technmaghi and gained knowledge and experience in areas like basic Engine theories, Types of Fuels & Air Path Systems, Calculating Air Mass & Power output, Fuel Theory Spark Theory Fundamentals and Electronic Control Fundamentals.

Also participated in the onsite training at Reynlab, Chennai, which included Wiring back probe on KTM Bike, Powertronics tuning on Bike, Speeduino setup & tuning in Vehicle and Race Dynamics standalone ECU tuning in Vehicle.


Deepak Rajan
Founder & CEO
Technmaghi



Recognized by



8921 238 815

support@techmaghi.com
www.techmaghi.com

Kerala Startup Mission, Integrated Startup Complex, Kochi

Peroor Kavu Temple, Peroor, Kottayam, Kerala 686637

Proof for Internship and Industrial Training by the students



METROLLA STEELS PRIVATE LTD

An ISO 9001 Certified Company

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

Date: 03.02.2023

Ref: TCP/PW/33/2022-23

CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Rahul R**, 7th semester B.Tech Mechanical Engineering student of Viswajyothi College of Engineering & Technology, Vazhakulam had done an internship in our organisation for a period of 5 days. The period of Internship was from 27th January 2023 to 1st February 2023. He was found to be very sincere during the training period.

Thanking you,
Yours faithfully,



For Metrolla Steels Private Limited
(HR Department)

Factory:
Pozhakkappilly P.O, Paipra, Muvattupuzha-686674,
Ernakulam (Dist.), Kerala, India.
Tel: 9447065360
E-mail: metcon@gmail.com
Web site: www.metconindia.com

Proof for Internships and Industrial Training by the students



8. Main Project Report, Project Into Paper, Papers Published- Proof- Problem Solving Methodologies, Experiential and Participative Learning



*Proof for converting Final Year Project into Paper and Publishing in International
Conference*



VISWAJYOTHI
COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

TM

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org

Muthoot
Institute of Technology & Science

NBA
NATIONAL BOARD
OF ACCREDITATION

2nd International Conference on Advances in Manufacturing and Material Science

ICAMMS 2022

Certificate

This is to certify that **Akash Paul Savio**, Mechanical Engineering, Viswajyothi College of Engineering and Technology, Vazhakulam has presented an article entitled **BANANA FIBER AND BANANA PEEL POWDER REINFORCED COMPOSITES** at International Conference on Advances in Manufacturing and Material Science 2022 (ICAMMS 2022) held during 07 to 09 July 2022 organized by Department of Mechanical Engineering, Muthoot Institute of Technology and Science, Kochi.

Praveen K. M.
DR. PRAVEEN K. M.
Organizing Secretary

Manojkumar K.
DR. MANOJKUMAR K.
Convener

Neelakantan P. C.
DR. NEELAKANTAN P. C.
Programme Chair

Hosted by

In association with

Knowledge Partners

DEPARTMENT OF MECHANICAL ENGINEERING | **Muthoot** Institute of Technology & Science | FACULTY OF CHEMISTRY DEPARTMENT OF POLYMER TECHNOLOGY | GNANIK UNIVERSITY OF TECHNOLOGY | MathWorks | NANO SPIN INDIA

Proof for converting Final Year Project into Paper and Publishing in International Conference



9. Activities regarding Professional Bodies- Participative Learning



Proof for IEEE Memberships



Proof for IEEE Memberships



VISWAJYOTHI
College of Engineering and Technology



IEEE Power & Energy Society
**Women
in Power**



CERTIFICATE

OF PARTICIPATION

This is to certify that

Jichu T S

of **Viswajyothi College of Engineering and Technology, Vazhakulam**

has actively participated in a webinar on

Elimination of Violence Against Women conducted on
25 November 2022

Anish M Jose
Branch Counsellor
IEEE SB VJCET

Anjaly Saji
Chair
IEEE SB VJCET

Allen Shajan
Chair
IEEE PES SBC VJCET

Sayana Fathima
Chair
IEEE WIE AG VJCET

Proof for Participating in the Activities regarding Professional Bodies



VISWAJYOTHITM
COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE New Delhi & Affiliated to APJ Abdul Kalam Technological University

Vazhakulam P.O., Muvattupuzha
Ernakulam Dist., Kerala - 686 670
Tel: 0485 2262211 / 44
Email: vjcet@vjcet.org
www.vjcet.org



Proof for SEEM (Society of Energy Engineers & Managers) Memberships



TAX INVOICE(Original for Recipient)

IRN:	
INVOICE NO.: 36GB22-238L66768	INVOICE DATE: 27 Feb 2023
Bill To: DIOCESAN TECHNICAL EDUCATION TRUST Muvattupuzha-Thodupuzha Road Vazhakulam PO, Muvattupuzha Kochi-686670 Kerala India State Name and Code: Kerala 32 GSTIN/Unique ID Number:	CONFEDERATION OF INDIAN INDUSTRY CII-Sohrabji Godrej Green Business Centre Survey #64, Near HITEC City Kothaguda Post, Ranga Reddy Hyderabad - 500084, Telangana, India T : 040-44185101 E : dasari.malleswari@cii.in W : www.cii.in GSTIN: 36AAATC0188R1ZA PAN NO. : AAATC0188R
PARTICULARS	TOTAL AMOUNT
MEMBERSHIP SUBSCRIPTION SAC Code: 999599 IGBC Membership Renewal fee under the Institutions & Non Profit Organisation for the period January 2023 – December 2023. (PAN No: AAATD9848H)	2,500.00
Taxable Value	2,500.00
IGST @18 %	450.00
Place of Supply : Kerala	
Total	₹ 2,950.00
Amount Chargeable (In Words): INR : Two Thousand Nine Hundred Fifty Rupees Only	E.&O.E.
Payable on presentation of invoice. Please pay by cheque/ demand draft in favour of "CONFEDERATION OF INDIAN INDUSTRY" payable at Hyderabad and forward it to our address above. Bank details for remittance: Account Holder Name: CONFEDERATION OF INDIAN INDUSTRY Bank Name and Address: ICICI BANK LTD. , Stone Ridge Centre, Kondapur, Type of account : CURRENT ACCOUNT Bank Account Number : 004005011896 IFSC Code : ICIC0000040 MICR :	
	
Whether Tax payable under Reverse Charge: No	

This is a computer generated invoice and does not require any stamp or signature

Proof for IGBC Membership



10. Proof for News and Apps for Daily Updati- Participative Learning

The screenshot displays the YouTube channel page for 'Viswajyothi MBA Vazhakulam'. The channel has 52 subscribers and 22 videos. The main content area shows a grid of video shorts, each with a title and view count. The shorts are part of a series titled 'MBA 8 PM Video Podcast'. The interface includes a search bar, a sign-in button, and navigation tabs for Home, Videos, Shorts, Playlists, Channels, and About. The shorts are arranged in a row, and the first one is highlighted.

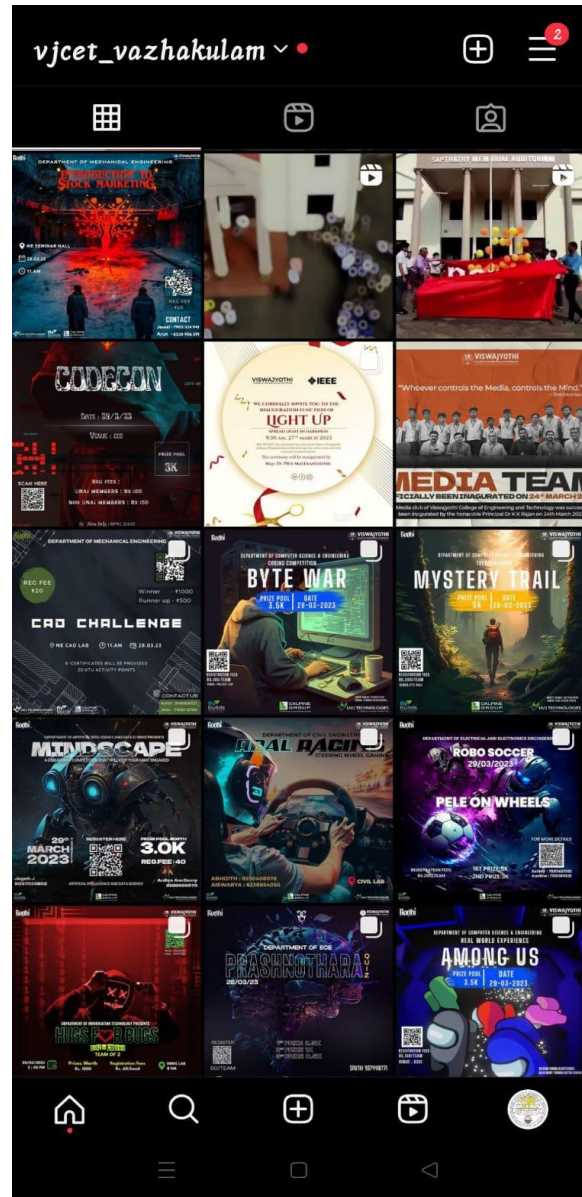
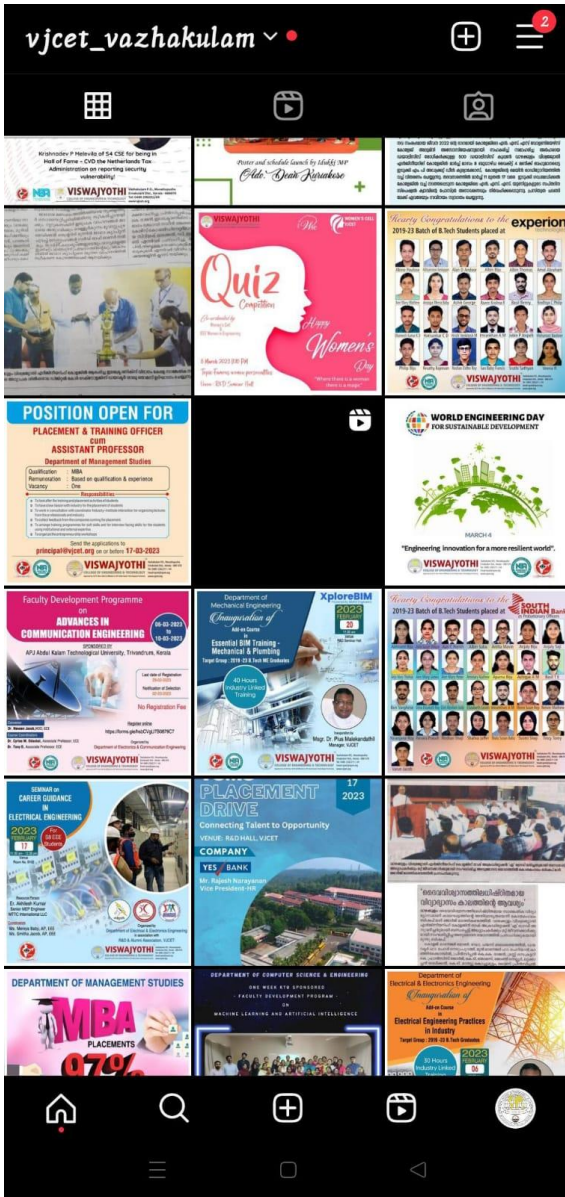
Short Title	Views
MBA 8 PM Video Podcast #19	69 views
MBA 8 PM video podcast #18	64 views
MBA 8 PM video podcast #16	72 views
MBA 8 PM Video Podcast #14	66 views
MBA 8 PM video podcast #12	113 views
MBA 8 PM video podcast #11	115 views

Proof of Using Youtube for Daily Updati- and sharing of informative contents



The screenshot shows the Facebook page for Viswajyothi College of Engineering & Technology. The page header includes navigation icons and a 'Menu' section with a search icon. The main content area features a large image of the college building, the college's name, and a description: 'Viswajyothi College of Engineering & Technology, NBA Accredited B.Tech Programmes, B.Tech Programs - A'. Below this is a 'Promote' button and 'Add to story' and 'Manage' options. A 'How healthy is your Page?' section shows a green bar indicating 'Page health: excellent' compared to similar pages. At the bottom, there is an 'Invite friends to like your Page' button and a 'See more' link. The right sidebar contains a 'Menu' section with a search icon and a list of shortcuts: Feeds, Video, Explore People, Groups, Memories, Saved, Professional dashboard, Creator support, Ad Center, Pages, Reels, and Events.

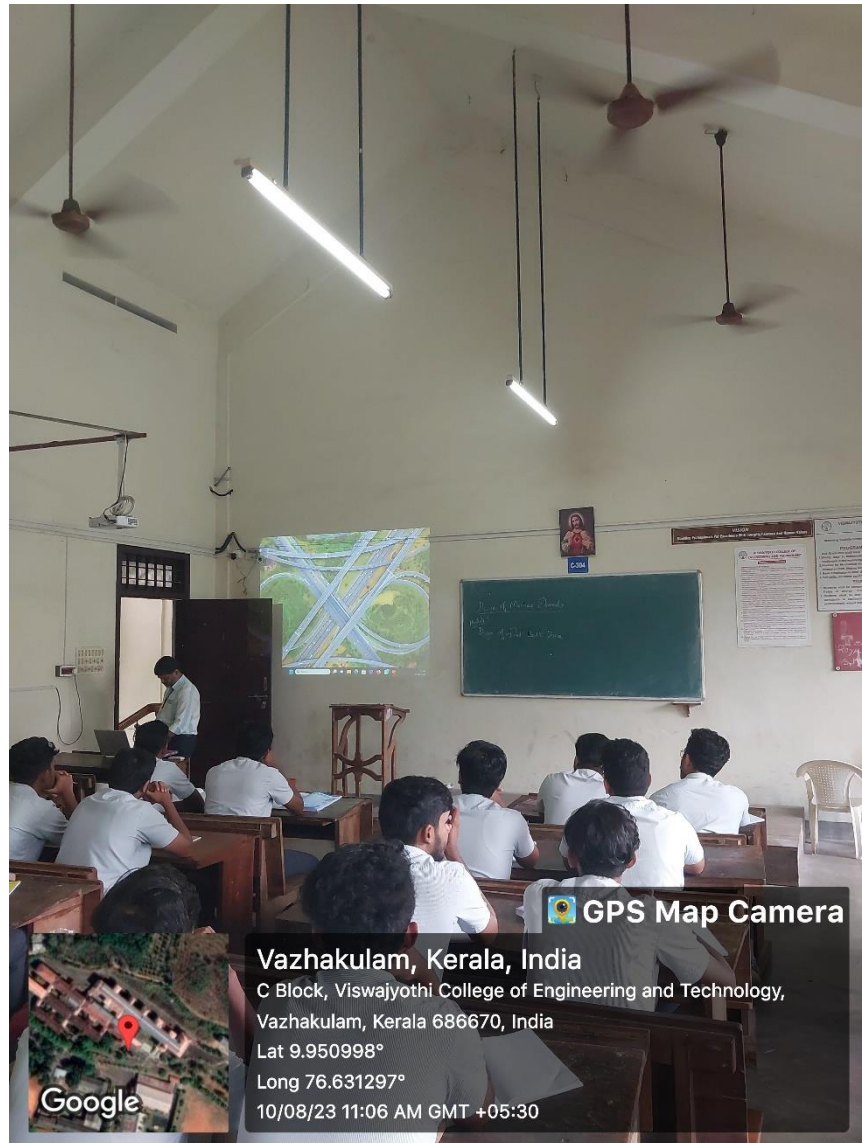
Proof of facebook page of the college for sharing informative contents



Proof of Instagram page of the college for sharing informative contents



11.Proof for ICT Enabled Teaching Facilities-Photos- Participative Learning



Proof for using ICT Enabled Teaching Facilities



Proof for using ICT Enabled Teaching Facilities