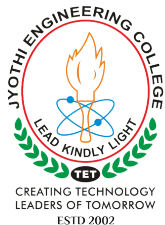


3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the years 2023-24

LIST OF MOUs

Sl. No.	Name of the institution/ industry/ corporate house with which MoU is signed	Year of signing MoU	Duration
1	Absolute Motion Pvt. Ltd.	2023	2 years
2	Drone Aviation Pvt Ltd.	2023	2 years
3	Unique World Robotics	2023	2 years
4	SARK HITECH CABLES No. 8/638/M, New Indl Developement Area, Kanjikode-678621.	2020	10 Years
5	ResiTech Electricals 39VV+23F, Nalam Mile, Industrial Development Area, Erumathala, Aluva, Kerala 683112	2020	5 Years
6	Ecofull Resources Pvt. Ltd, Aickarakudy Arcade, Malikampedika, Alangad P.O, Aluva, Ernakulam.	2024	5 Years
7	Athul Energy Consultants Pvt. Ltd Capital Legend Building, Korappath lane, Thrissur North, Kerala, India	2024	6 Years
8	CEDICOM Electronics Post Office Road, Shoranur, Palakkad (Dist), Kerala , India - 679121	2023	5 Years
9	KABANI TECH First Floor, Mayilvahanam Travels Building, Main Road, Shoranur, Palakkad, Kerala 679121, India.	2023	5 Years
10	MATTEX Mattam P.o., Near Gramin Bank, Thrissur(Dist.), Kerala , India -680 602.	2023	5 Years
11	SANSNOMS NOBEL PROFESSIONAL FOUNDATION, 11-128, Nobel Tower, Poonthoppu, Kannanoor Post, Kanyakumari District-629 158, Tamil Nadu, India.	2024	4 Months



Jyothi Engineering College

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Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE AND TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, 679531 | Ph. +91 4884 259000 | info@jecc.ac.in | www.jecc.ac.in



*NBA accredited BTech Programmes in Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Mechanical Engineering valid till 2025, Mechatronics Engineering valid till 2026

Sl. No.	Name of the institution/ industry/ corporate house with which MoU is signed	Year of signing MoU	Duration
12	Blue Trading Company, Calicut	2023	2 years
13	TILTEDU Pvt.Ltd.	2023	2 years
14	Chisquare Labs.	2023	3 years
15	Messegery Labs	2023	3 years
16	Flying Web Solutions Pvt. Ltd.	2023	3 years
17	Triaxia Infotech Pvt.Ltd.	2023	3 years
18	Nintriva Technology Solutions	2023	3 years
19	Chisquare Labs	2023	3 years

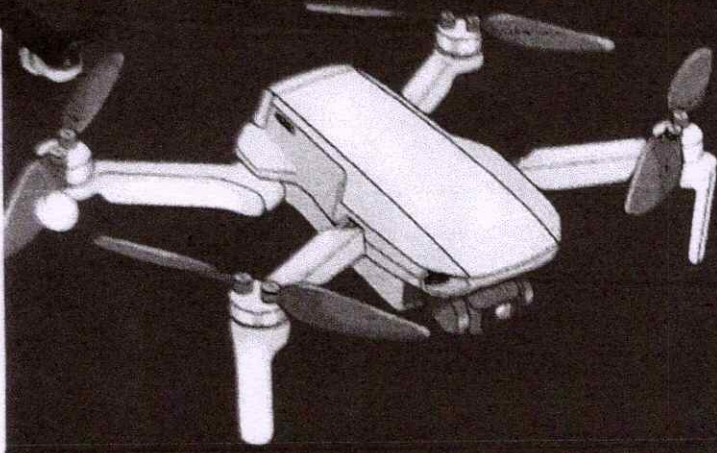


Jyothi
Engineering College

DEPT. OF MECHATRONICS ENGINEERING

ONLINE TALK SESSION ON

INTRODUCTION TO DRONES



**15 Nov 2023
Wednesday
10:00 am**



JOSEPH THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



True Copy Attested

MR. DINESH SAIN

**Co-Founder
Drona Aviation Pvt Ltd**

From

Dr Anand Krishnan N

Assistant Professor,

Department of Mechatronics Engineering

Jyothi Engineering College, Thrissur

To,

The Principal

Jyothi Engineering College, Thrissur

Dear Sir,

Subject: Permission to conduct an Online Talk on "Introduction to Drone"

As a part of the MoU initiative, we would like to conduct an online Talk on "Introduction to Drone" at 10:00 AM on Wednesday, 15th November 2023 in Association with Mechatronics Engineering Association (MESA). Mr.Dinesh Sain, Co-founder, Drona Aviation Pvt Ltd, Maharashtra agreed to deliver the talk. Kindly give the necessary permission to conduct the programme.

JECC

13-11-23

Thanking You

[Signature]
13/11/23
Dr Anand Krishnan N

Forwarded
[Signature]
13/11/23
HOD - MR



True Copy Attested

[Signature]
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 678531

Jyothi Engineering College, Cheruthuruthy
Department of Mechatronics Engineering
Online Talk on "Introduction to Drone"

Venue: Online Mode

Date: 15-11-2023

Time: 10 AM

Programme Schedule

1. Prayer :
2. Welcome Speech : Dr. Anand Krishnan N, Assistant Professor, MR
3. Inauguration : Dr. Anoop Jose Chittilappilly, HoD - MR
4. Keynote Address : Mr. Dinesh Sain
Co-founder, Drona Aviation Pvt Ltd, Maharashtra
5. Vote of Thanks : MESA Student representative
6. National Anthem :



True Copy Attested

Dr. Anand Krishnan N
[Signature]
13/11/23

[Signature]
13/11/23
Dr. ANOOPA JOSE CHITILAPPILLY
Associate Professor & Head of the Department
Dept. of Mechatronics Engineering
Jyothi Engineering College
Cheruthuruthy, Thiruvananthapuram - 679531

[Signature]
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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*NBA reaccredited B.Tech Programmes in Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Mechanical Engineering, valid till 2025.

Department of Mechatronics Engineering

Report - Online Talk on "Introduction to Drones"

Jyothi
Engineering College

DEPT. OF MECHATRONICS ENGINEERING

ONLINE TALK SESSION ON

INTRODUCTION TO DRONES

15 Nov 2023
Wednesday
10:00 am

MR. DINESH SAIN
Co-Founder
Drone Aviation Pvt Ltd

MESA

Department of Mechatronics Engineering organized an Online Talk on "Introduction to Drone" as a part of the department MoU initiative in Association with Mechatronics Engineering Association (MESA).



Dr. Jose P Therattil
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

True Copy Attested

Cheruthuruthi, Kerala, India
P7HR+27P, Cheruthuruthi, Kerala 679531, India

Lat 10.727464°

Long 76.290972°

15/11/23 10:15 AM GMT +05:30

Google

GPS Map Cam



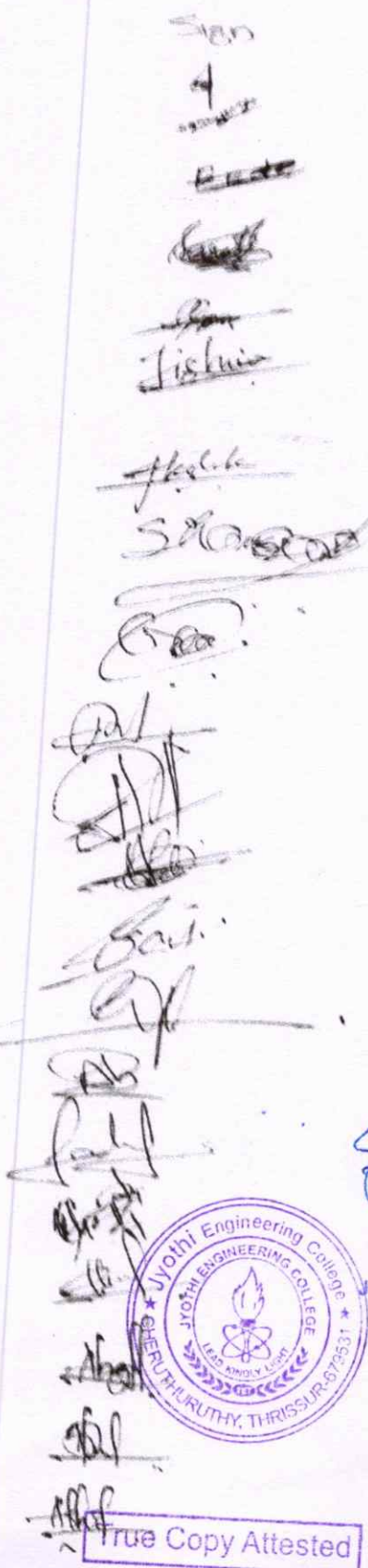
Jyothi Engineering College, Cheruthuruthy

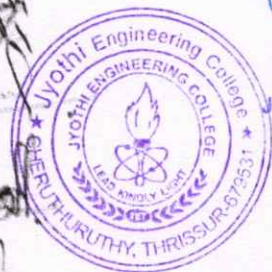
Department of Mechatronics Engineering

Online Talk on "Introduction to Drone"

Attendee Sheet S7 MR

P.No	Name	Roll No
1	Sangeetha Santhosh Kumar	41
2	Sonu George Sajin	45
3	EDWIN A.I	18
4	M. Sarath	32
5	Geetha George	21
6	Jishnu. P. Mohan	24
7	Akshitha panicker	08
8	SKARICA Manoj	44
9	Gradwin Byabai	22
10	Albin Antony	09
11	Gautham Jayath	20
12	Johns Jose	25
13	SHARON M	42
14	Lavin	28
15	Abhigith	03
16	Aadith	1
17	Edwin	19
18	Jayakrishnan. V	49
19	Abel	2
20	Nandha kishore	34
21	Akhil. S	6





Jose

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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Jyothi
Engineering College



Department of
Mechatronics Engineering

Online Talk Session on

Industrial Automation

& Latest Trends



Er. Alister D Silva
Director
Absolute Motion Pvt. Ltd.



True Copy

JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Monday

5 Nov 2023

10:00 AM

From

Dr Anand Krishnan N

Assistant Professor,

Department of Mechatronics Engineering

Jyothi Engineering College, Thrissur

To,

The Principal

Jyothi Engineering College, Thrissur

Dear Sir,

Subject: Permission to conduct an Online Talk on "Industrial Automation and Latest Trends"

As a part of the MoU initiative, we would like to conduct an online Talk on "Industrial Automation and Latest Trends" at 10:00 AM on Monday, 6th November 2023 in Association with Mechatronics Engineering Association (MESA). Er. Alistair, Director, Absolute Motion Pvt Ltd, Mumbai agreed to deliver the online talk. Kindly give the necessary permission us to conduct the programme.

JECC

03-11-23

Forwarded
03/11/23
HOD - MR



True Copy Attested

Thanking You

Dr Anand Krishnan N

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Jyothi Engineering College, Cheruthuruthy
Department of Mechatronics Engineering
Online Talk on "Industrial Automation and Latest Trends"

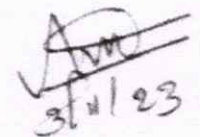
Venue: Online Mode

Date: 6-11-2023

Time: 10 AM

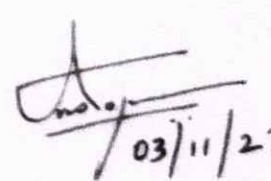
Programme Schedule

1. Prayer
2. Welcome Speech : Dr. Anand Krishnan N, Assistant Professor, MR
3. Inauguration : Dr. Anoop Jose Chittilappilly, HoD - MR
4. Guest Address : E r . Alister DSilva
Director, Absolute Motion Pvt Ltd, Mumbai
5. Vote of Thanks : MESA Student representative
6. National Anthem :

Dr. Anand Krishnan N 
31/11/23



True Conv Attested


03/11/23
DR. ANOOPA JOSE CHITILAPPILLY
Associate Professor - Head of the Department
Dept. of Mechatronics Engineering
Jyothi Engineering College
Cheruthuruthy, Thiruvananthapuram - 679531


Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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Department of Mechatronics Engineering

Report - Online Talk on "Industrial Automation and Latest Trends"

The poster is for an online talk session organized by the Department of Mechatronics Engineering at Jyothi Engineering College. It features the college's logo at the top left and the MESA (Mechatronics Engineering Association) logo at the top right. The title of the session is "Industrial Automation & Latest Trends". A portrait of the speaker, Er. Alister D Silva, Director of Absolute Motion Pvt. Ltd., is shown. The session is scheduled for Monday, 6 Nov. 2023, from 12:00 AM to 1:00 PM. A stylized robot head is depicted on the right side of the poster.

Department of Mechatronics Engineering organized an Online Talk on "Industrial Automation and Latest Trends" as a part of the department MoU initiative in Association with Mechatronics Engineering Association (MESA).



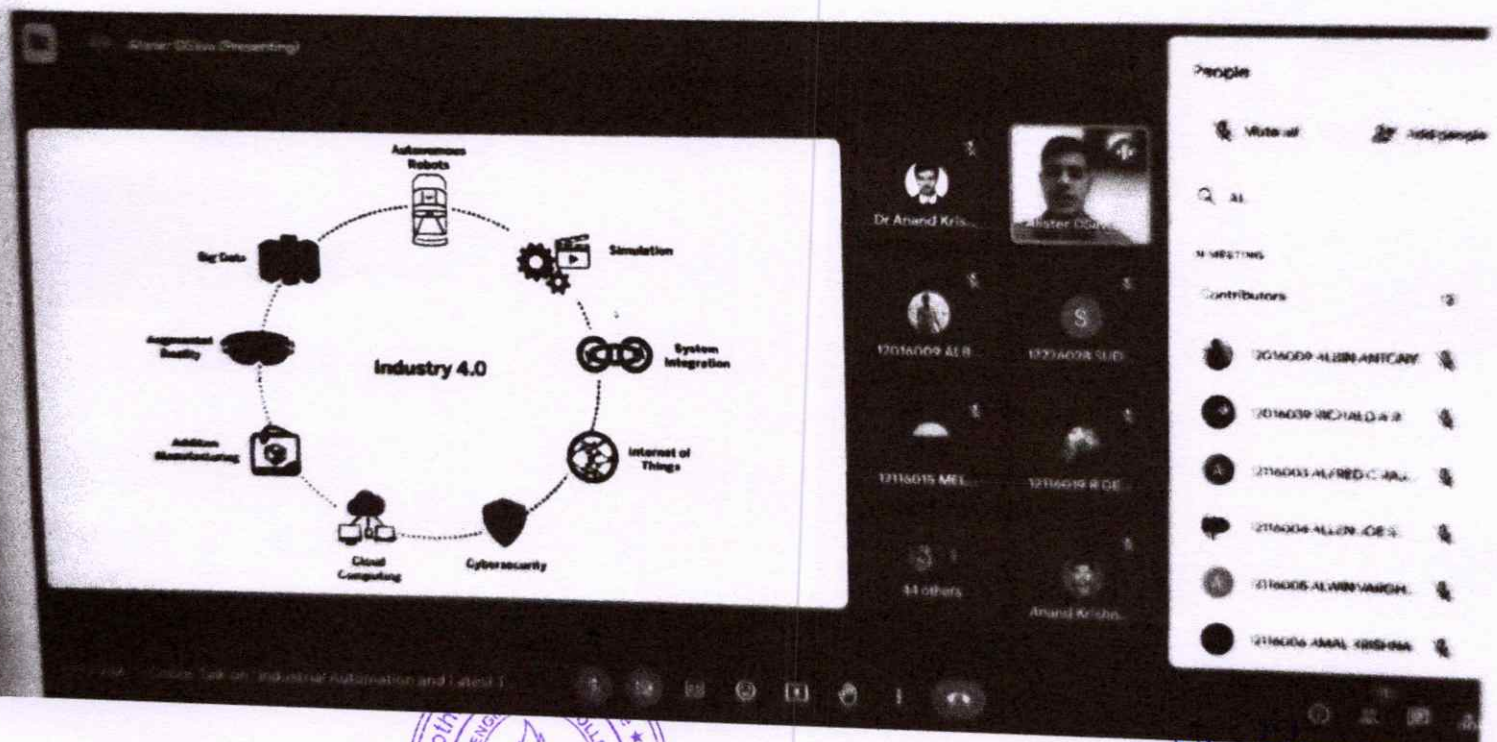
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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

The program was held on Monday, 06th November 2023 at 10.00 PM in online mode (Google meet). Dr Anand Krishnan N, Assistant professor, Department of Mechatronics Engineering welcomed all for the program. Dr. Anoop Jose Chittilappilly, Associate professor and Head of the Department of Mechatronics Engineering inaugurated the Programme and gave an inaugural speech. Both S5 and S7 students of the department of Mechatronics Engineering were attended the programme.

The Online Talk was based on the theme of "Industrial Automation" with the aim of understanding the scope and opportunities of this emerging area. Er. Alister DSilva, Director Absolute Motion Pvt Ltd led the classes and explained a lot of case studies. The session was really helped to understand and clear the doubts of the students in the Industrial Automation area.

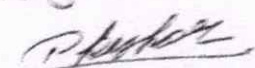
















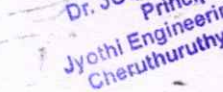

Mr. Cheru Asish Joy (MESA Representative) gave a brief introduction about the guest and Mr. Gautham J (MESA Representative) expressed vote of thanks in the program.



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Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Jyothi Engineering College
Department of Mechatronics Engineering
Online Talk on "Industrial Automation and Latest Trends" (5-11-23)
C Date: 5-11-23, Time: 10:00 AM)
Attendance List - S7 MR

Sl.No	Name	Roll No	Sign
1	Naradharan A	34	
2	Varghese C.B	46	
3	Akhil P.S	6	
4	Adarsh T.V	5	
5	Ashad Rahman	12	
6	M. Sarath	32	
7	Ashwinth Rajesh	3	
8	Edwin Jemi Rajan	19	
9	ASWIN C P	42	
10	Kelvin Benny	27	
11	Kavin Vargan	47	
12	Niva Sagar	37	
13	Mubin Iom	29	
14	Paul Johny	38	
15	Aadith Rajith	1	
16	Abel Eym	2	
17	Mohamed Adnan	31	
18	Shreejith	44	
19	Ganesh	20	



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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 689531

Jyothi

DEPARTMENT OF MECHATRONICS



Talk On : Design Thinking



Anu Karthik
Country Head (India)
Unique World Robotics

19/09/2023 (Tuesday)
Seminar Hall
01:20 PM to 2:30 PM

A seminar was organized under the leadership of Mechatronics Engineering Students Association (MESA).

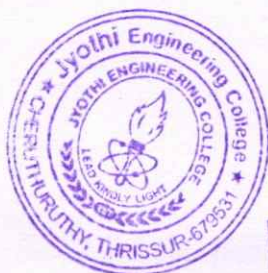
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The program was held on Tuesday, 19th September 2023 at 1.20 pm in the seminar hall. Dr. Anoop Jose Chittilappilly, Head of the Mechatronics Engineering Department welcomed all for the program. S3, S5 and S7 students participated in the seminar.

Jyothi Engineering College will be the venue for the "NASA Space Apps Challenge", which is the biggest hackathon on Earth, which is being conducted by NASA in collaboration with various space agencies, and NASA is promoting the students to participate in the said event.

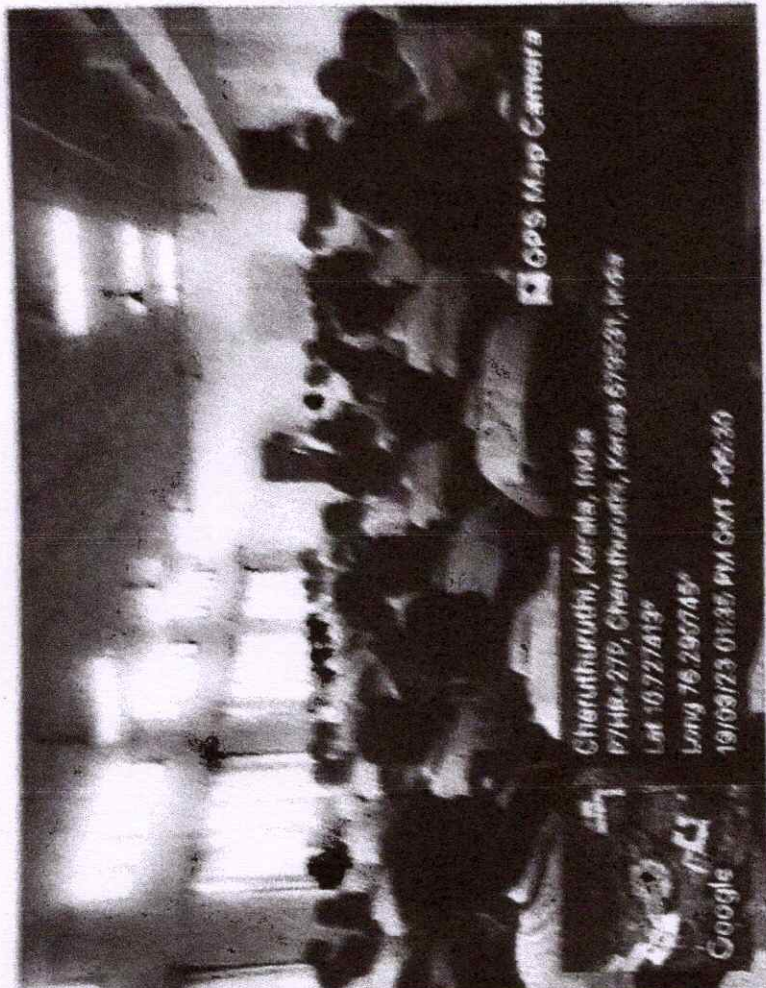
The seminar was based on the theme of "Design Thinking" with the aim of enabling students to overcome these challenges. Mr. Anu Karthik, Country Head (India), Unique World Robotics and Mr. Abhijith S, Senior Robotics Engineer led the classes. The seminar helped to clear the doubts of the students in the challenges put forward by NASA.

Mr. Jinesh K. J. (Asst. Prof. In Mechatronics department and Innovation & Entrepreneurship cell manager) expressed vote of thanks in the program.



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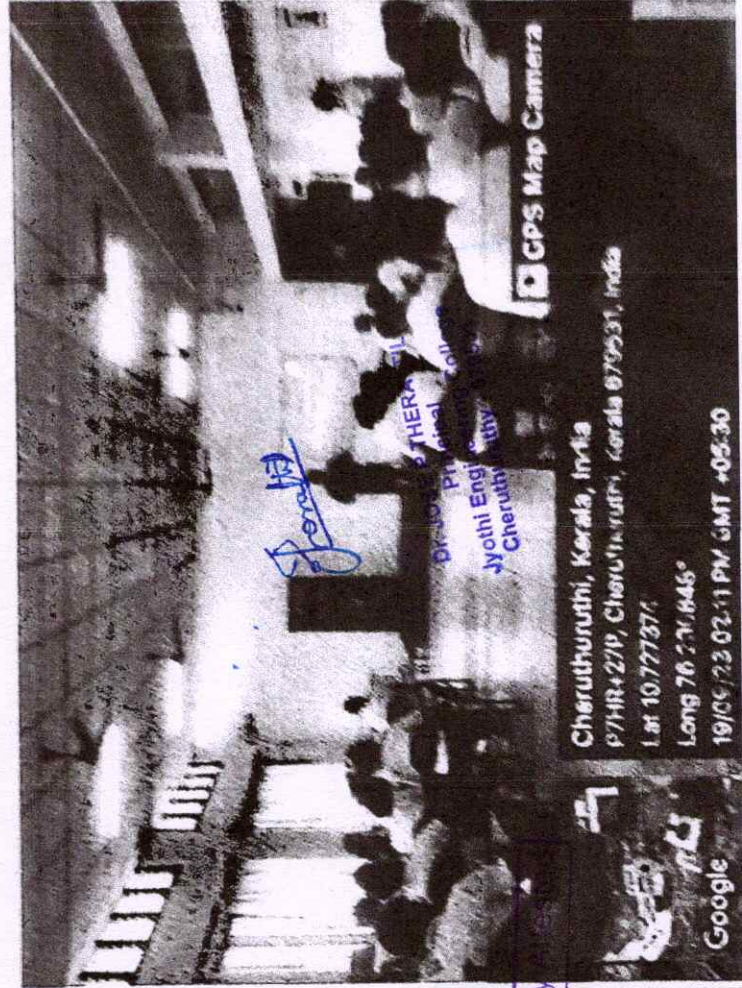
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



GPS Map Camera

Cheruthuruthi, Kerala, India
P74R+27P, Cheruthuruthi, Kerala 679531, India
Lat 10.727441°
Long 76.290576°
19/09/23 01:33 PM GMT +05:30

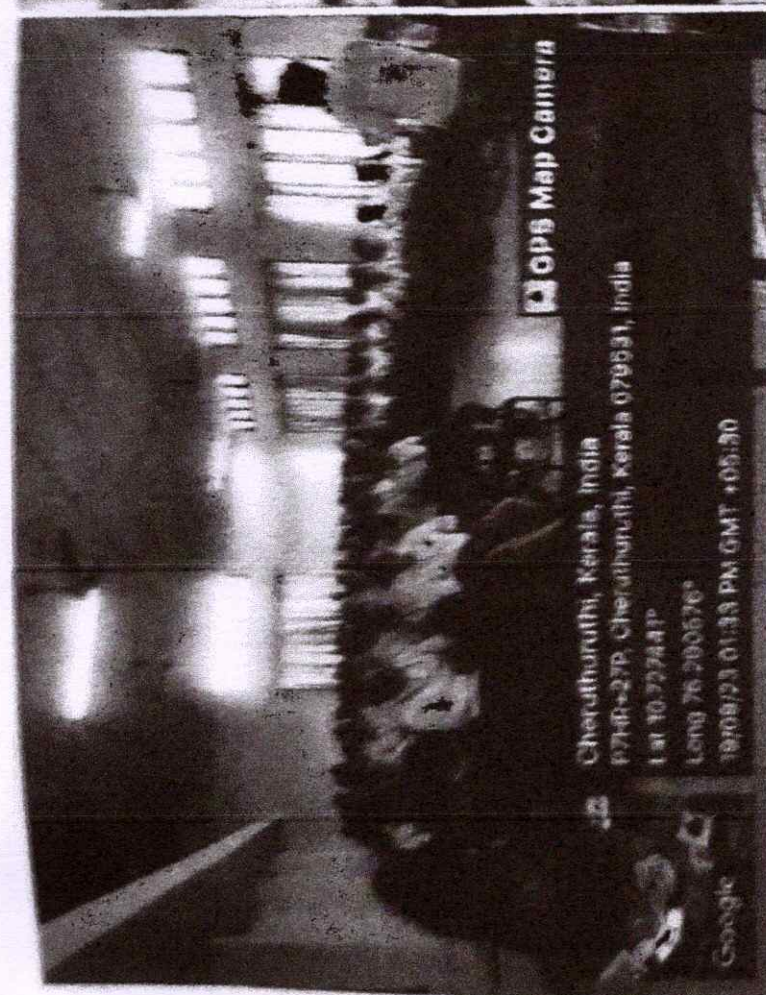
Google



GPS Map Camera

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Long 76.271645°
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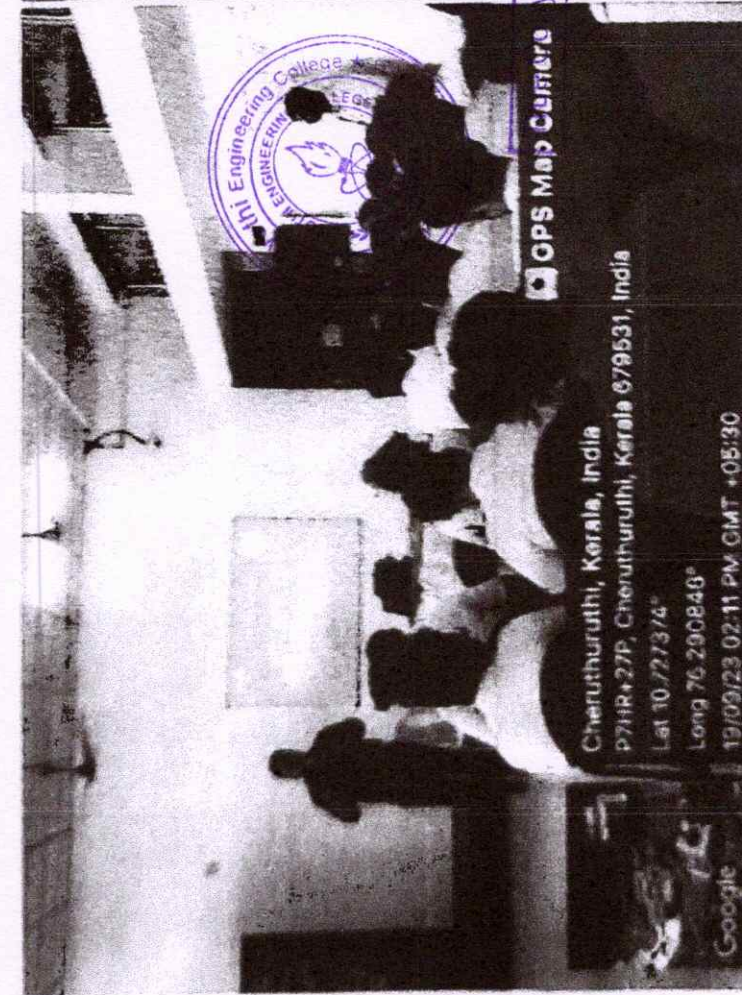
Google



GPS Map Camera

Cheruthuruthi, Kerala, India
P74R+27P, Cheruthuruthi, Kerala 679531, India
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19/09/23 01:33 PM GMT +05:30

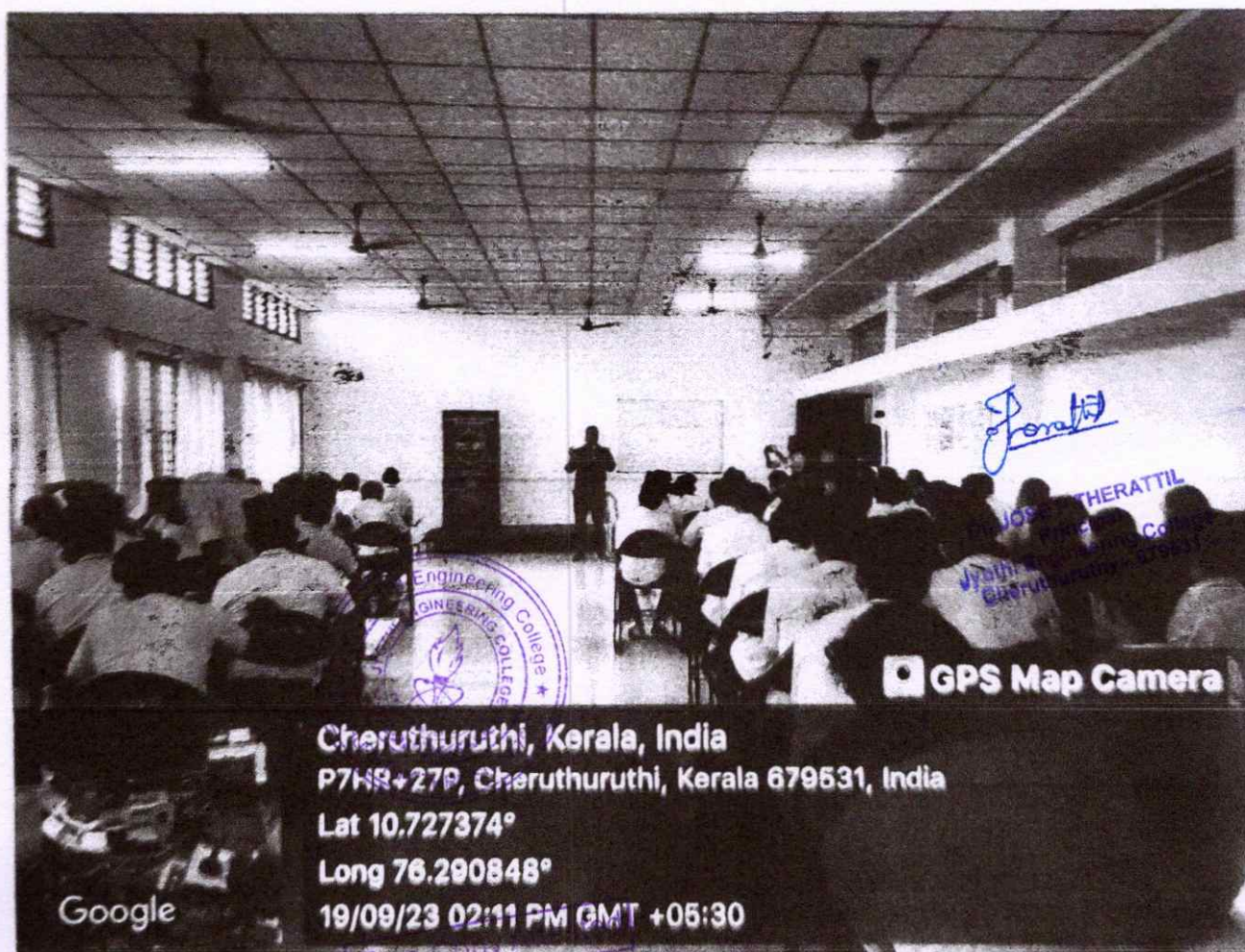
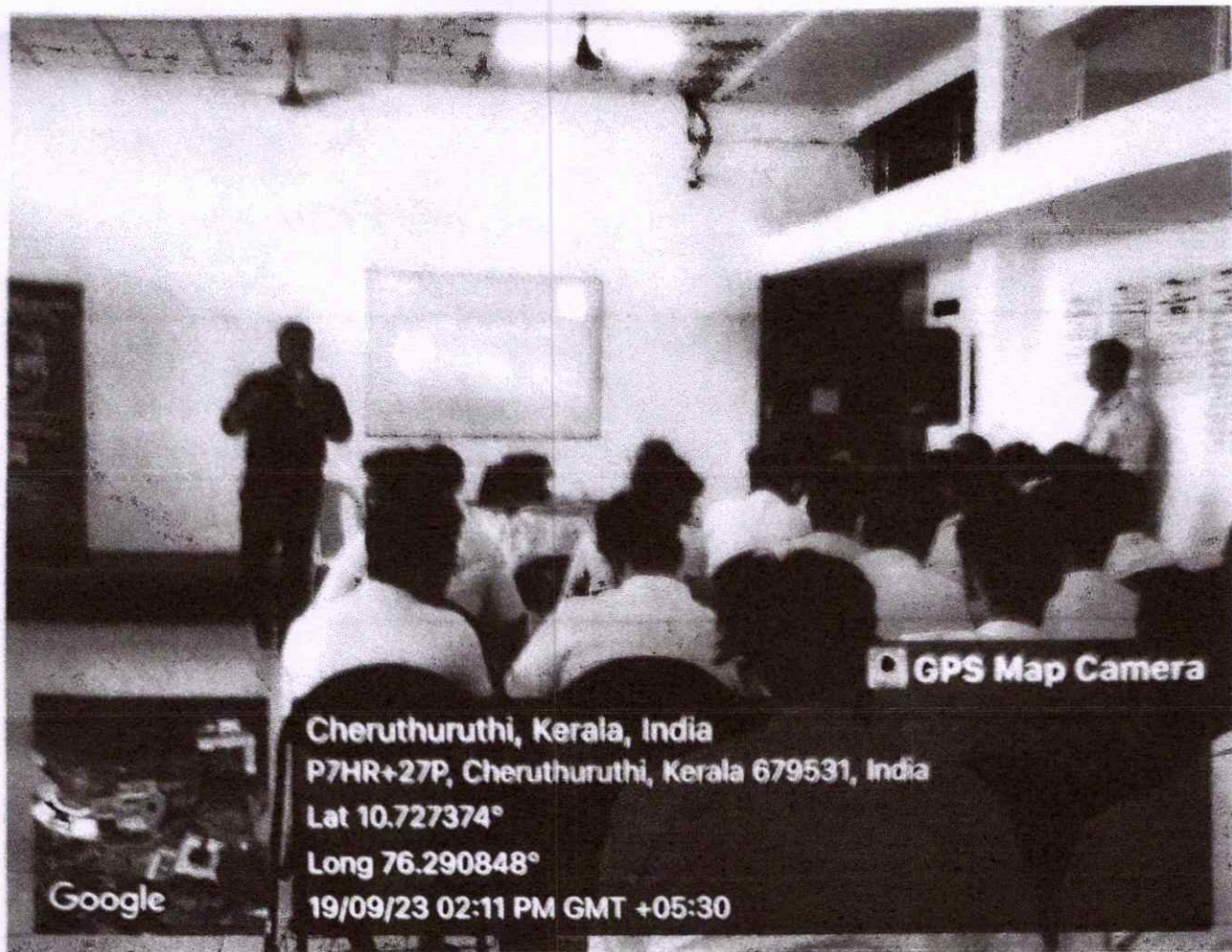
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GPS Map Camera



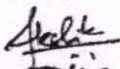
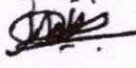


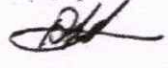
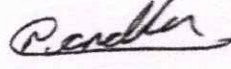
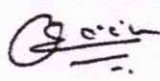
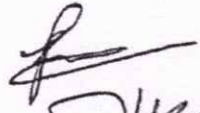

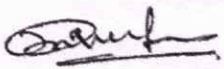
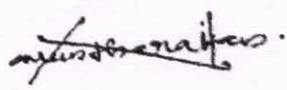
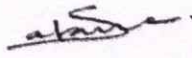
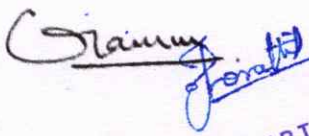
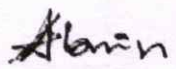
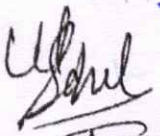
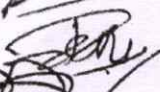

Cheruthuruthi, Kerala, India
P74R+27P, Cheruthuruthi, Kerala 679531, India
Lat 10.727374°
Long 76.290840°
19/09/23 02:11 PM GMT +05:30

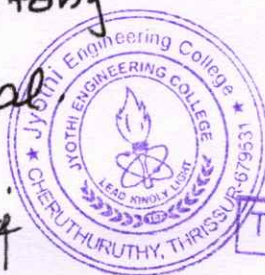
Google



TALK ON
DESIGN THINKING
CONDUCTED ON 19/09/2023

ATTENDANCE

NO	NAME	CLASS	SIGNATURE
1	SANGEETH SANTHOSH	S7 MR	
2	Sonu George Sajy	S7 MR	
3	Akshik Panicker	S7 MR	
4	Mohamad Adnan	S7 MR	
5	Ashid Rahman	S7 MR	
6	Ashish Joy	S7 MR	
7	Abhil PS	S7 MR	
8	Nandhakishor	S7 MR	
9	VIVIN VINSON	S7 MR	
10	Kelvin Benny	" "	
11	Mubin Tom	" "	
12	Niva Saju	" "	
13	Naveen Tharakan	" "	
14	Akshik Panicker	" "	
15	Gautham Jayanth	" "	
16	Albin Antony	" "	
17	Muhammed Sahal	" "	
18	Paul Johny	" "	
19	Sitara Mangi	" "	



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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

SCPL/CRT/48/2023-24


03-02-2024

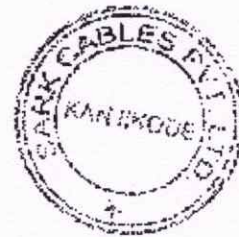
INTERNSHIP CERTIFICATE

This is to certify that Miss. Arunima Mathew Register No. JEC20EE007 (EEE) student of Jyothi Engineering College, Cheruthuruthy has successfully completed 5 days (29.01.2024 to 02.02.2024) internship programme in our Company. During the period of her internship programme with us she was found punctual, hardworking and inquisitive.

We wish her all the very best for better prospects in studies as well as in career.

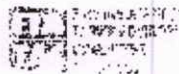
For Sark Cables Pvt. Ltd


SUNIL JOSEPH
Director (Technical Services)



True Copy Attested


Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



Manufacturing Units at : KANJIKODE, THODUPUZHA

Authorized Channel Partner

TATA POWER SOLAR



**Ecofull
Resources
Pvt Ltd**

February 06, 2024

CERTIFICATE OF INTERNSHIP

This certifies that Mr. Hithin A U has successfully completed Internship in Solar project management and marketing activities for Tata Power Solar projects from 29/01/2024 to 06/02/2024.

During this period, his performance was good. He was punctual, hardworking and Inquisitive also showed leadership qualities.

We wish him all the very best in his future endeavours.

With Regards,

for Ecofull Resources Pvt. Ltd.



Somasundaran M

Head - HR & Administration



True Copy Attested

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

⊗ Aickarakudy Arcade Malikampeddika, Alangad P.O, Aluva, Ernakulam - 683511

⊗ admin@ecofull.in ⊗ +91 7559 83 33 30

Authorized Channel Partner

TATA POWER SOLAR



**Ecofull
Resources
Pvt Ltd**

February 06, 2024

CERTIFICATE OF INTERNSHIP

This certifies that Mr. **Geo Paul K** has successfully completed Internship in Solar project management and marketing activities for Tata Power Solar projects from 29/01/2024 to 06/02/2024.

During this period, his performance was good. He was punctual, hardworking and inquisitive also showed leadership qualities.

We wish him all the very best in his future endeavours.

With Regards,
for Ecofull Resources Pvt. Ltd.



Soma Sundar K
Head - HR & Administration



True Copy Attested


Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

● Aickarakudy Arcade Malikampeedika, Alangad P.O, Aluva, Ernakulam - 683511

● admin@ecofull.in ● +91 7559 83 33 30

February 06, 2024

CERTIFICATE OF INTERNSHIP

This certifies that Mr. Ashul Krishna K S has successfully completed Internship in Solar project management and marketing activities for Tata Power Solar projects from 29/01/2024 to 06/02/2024.

During this period, his performance was good. He was punctual, hardworking and inquisitive also showed leadership qualities.

We wish him all the very best in his future endeavours.

With Regards,
for Ecofull Resources Pvt. Ltd.



S. Suresh Kumar
Head - HR & Administration



True Copy Attested



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

February 06, 2024

CERTIFICATE OF INTERNSHIP

This certifies that Mr. Josbin K J has successfully completed internship in Solar project management and marketing activities for Tata Power Solar projects from 29/01/2024 to 06/02/2024.

During this period, his performance was good. He was punctual, hardworking and inquisitive also showed leadership qualities.

We wish him all the very best in his future endeavours.

With Regards,
for Ecofull Resources Pvt. Ltd.



Sathya Sundar S V
Head - HR & Administration



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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



February 06, 2024

CERTIFICATE OF INTERNSHIP

This certifies that Mr. Gokul T R has successfully completed Internship in Solar project management and marketing activities for Tata Power Solar projects from 29/01/2024 to 06/02/2024.

During this period, his performance was good. He was punctual, hardworking and inquisitive also showed leadership qualities.

We wish him all the very best in his future endeavours.

With Regards,
for Ecofull Resources Pvt. Ltd.



Suresh Kumar
Head - HR & Administration



True Copy Attested


Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



February 06, 2024

CERTIFICATE OF INTERNSHIP

This certifies that Mr. Dhenush K has successfully completed Internship in Solar project management and marketing activities for Tata Power Solar projects from 29/01/2024 to 06/02/2024.

During this period, his performance was good. He was punctual, hardworking and inquisitive also showed leadership qualities.

We wish him all the very best in his future endeavours.

With Regards,
for Ecofull Resources Pvt. Ltd.



Somasundaram M. M.
Head - HR & Administration



True Copy Attested



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



February 06, 2024

CERTIFICATE OF INTERNSHIP

This certifies that Mr. Anto M J has successfully completed Internship in Solar project management and marketing activities for Tata Power Solar projects from 29/01/2024 to 06/02/2024.

During this period, his performance was good. He was punctual, hardworking and inquisitive also showed leadership qualities.

We wish him all the very best in his future endeavours.

With Regards,

for Ecofull Resources Pvt. Ltd.



Sankar Sundararajan
Head - HR & Administration



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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

SCPL/CRT/43/2023-24


03-02-2024

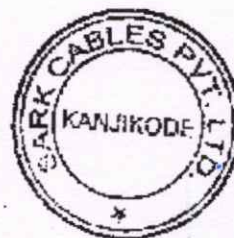
INTERNSHIP CERTIFICATE

This is to certify that Mr. Alan Joy, Register No. JEC20EE002 (EEE) student of Jyothi Engineering College, Cheruthuruthy has successfully completed 5 days (29.01.2024 to 02.02.2024) internship programme in our Company. During the period of his internship programme with us he was found punctual, hardworking and inquisitive.

We wish him all the very best for better prospects in studies as well as in career.

For Sark Cables Pvt. Ltd


SUNIL JOSEPH
Director (Technical Services)



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Principal
Jyothi Engineering College
Cheruthuruthy - 679531



Manufacturing Units at : KANJIKODE, THODUPUZHA

SCPL/CRT/49/2023-24

03-02-2024

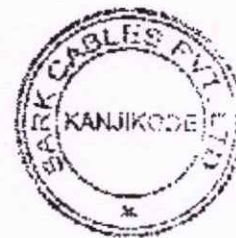
INTERNSHIP CERTIFICATE

This is to certify that Miss. Anitta Mary S Chiramal Register No. JEC20EE006 (EEE) student of Jyothi Engineering College, Cheruthuruthy has successfully completed 5 days (29.01.2024 to 02.02.2024) internship programme in our Company. During the period of her internship programme with us she was found punctual, hardworking and inquisitive.

We wish her all the very best for better prospects in studies as well as in career.

For Sark Cables Pvt. Ltd

SUNIL JOSEPH
Director (Technical Services)

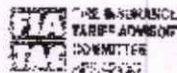


Joseph



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Principal
Jyothi Engineering College
Cheruthuruthy - 679531



Manufacturing Units at : KANJIKODE, THODUPUZHA

SCPL/CRT/45/2023-24


03-02-2024

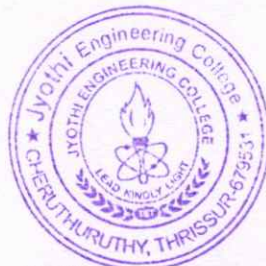
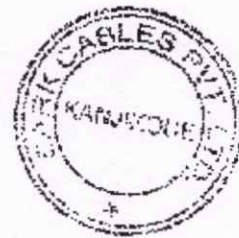
INTERNSHIP CERTIFICATE

This is to certify that Miss. Alba Mariya Joshy, Register No. JEC20EE003 (EEE) student of Jyothi Engineering College, Cheruthuruthy has successfully completed 5 days (29.01.2024 to 02.02.2024) internship programme in our Company. During the period of her internship programme with us she was found punctual, hardworking and inquisitive.

We wish her all the very best for better prospects in studies as well as in career.

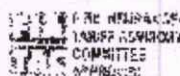
For Sark Cables Pvt. Ltd


SUNIL JOSEPH
Director (Technical Services)



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Principal
Jyothi Engineering College
Cheruthuruthy - 679531



Manufacturing Units at : KANJIKODE, THODUPUZHA

SCPL/CRT/42/2023-24


03-02-2024

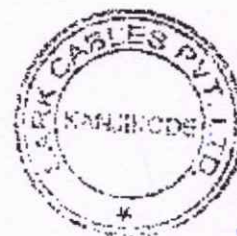
INTERNSHIP CERTIFICATE

This is to certify that Miss. Sreya K, Register No. JEC20EE019 (EEE) student of Jyothi Engineering College, Cheruthuruthy has successfully completed 5 days (29.01.2024 to 02.02.2024) internship programme in our Company. During the period of her internship programme with us she was found punctual, hardworking and inquisitive.

We wish her all the very best for better prospects in studies as well as in career.

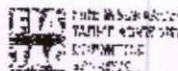
For Sark Cables Pvt. Ltd


SUNIL JOSEPH
Director (Technical Services)




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Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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SCPL/CRT/50/2023-24


03-02-2024

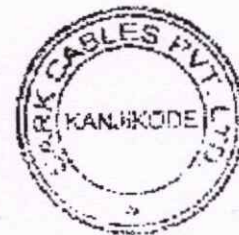
INTERNSHIP CERTIFICATE

This is to certify that Miss. Sandra PS Register No. JEC20EE039 (EEE) student of Jyothi Engineering College, Cheruthuruthy has successfully completed 5 days (29.01.2024 to 02.02.2024) internship programme in our Company. During the period of her internship programme with us she was found punctual, hardworking and inquisitive.

We wish her all the very best for better prospects in studies as well as in career.

For Sark Cables Pvt. Ltd

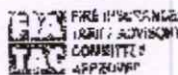

SUNIL JOSEPH
Director (Technical Services)



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Cheruthuruthy - 679531



Manufacturing Units at : KANJIKODE, THODUPUZHA

SCPL/CRT/47/2023-24


03-02-2024

INTERNSHIP CERTIFICATE

This is to certify that Miss. Ritta KC, Register No. JEC20EE038 (EEE) student of Jyothi Engineering College, Cheruthuruthy has successfully completed 5 days (29.01.2024 to 02.02.2024) internship programme in our Company. During the period of her internship programme with us she was found punctual, hardworking and inquisitive.

We wish her all the very best for better prospects in studies as well as in career.

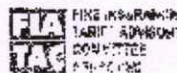
For Sark Cables Pvt. Ltd


SUNIL JOSEPH
Director (Technical Services)



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Jyothi Engineering College
Cheruthuruthy - 679531



Manufacturing Units at : KANJIKODE, THODUPUZHA

SCPL/CRT/40/2023-24


03-02-2024

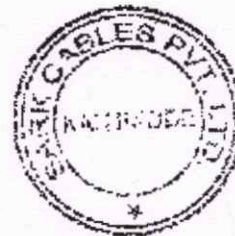
INTERNSHIP CERTIFICATE

This is to certify that Mr. Amal Tharakan, Register No. JEC20EE004 (EEE) student of Jyothi Engineering College, Cheruthuruthy has successfully completed 5 days (29.01.2024 to 02.02.2024) internship programme in our Company. During the period of his internship programme with us he was found punctual, hardworking and inquisitive.

We wish him all the very best for better prospects in studies as well as in career.

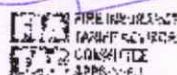
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SUNIL JOSEPH
Director (Technical Services)



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Jyothi Engineering College
Cheruthuruthy - 679531



Manufacturing Units at : KANJIKODE, THODUPUZHA

SCPL/CRT/41/2023-24

03-02-2024

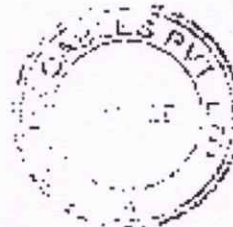
INTERNSHIP CERTIFICATE

This is to certify that Mr. Anex K Paison, Register No. JEC20EE005 (EEE) student of Jyothi Engineering College, Cheruthuruthy has successfully completed 5 days (29.01.2024 to 02.02.2024) internship programme in our Company. During the period of his internship programme with us he was found punctual, hardworking and inquisitive.

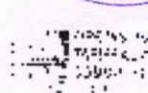
We wish him all the very best for better prospects in studies as well as in career.

For Sark Cables Pvt. Ltd


SUNIL JOSEPH
Director (Technical Services)




Dr. JOSE P THERATTIL
Principal
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Cheruthuruthy - 679531



Manufacturing Units at : KANJIKODE, THODUPUZHA

SCPL/CRT/46/2023-24


03-02-2024

INTERNSHIP CERTIFICATE

This is to certify that Mr. Adithyan M, Register No. JEC20EE001 (EEE) student of Jyothi Engineering College, Cheruthuruthy has successfully completed 5 days (29.01.2024 to 02.02.2024) internship programme in our Company. During the period of his internship programme with us he was found punctual, hardworking and inquisitive.


We wish him all the very best for better prospects in studies as well as in career.

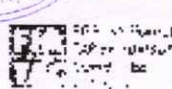
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SUNIL JOSEPH
Director (Technical Services)



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Principal
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Cheruthuruthy - 679531



Manufacturing Units at : KANJIKODE, THODUPUZHA

SCPL/CRT/44/2023-24


03-02-2024

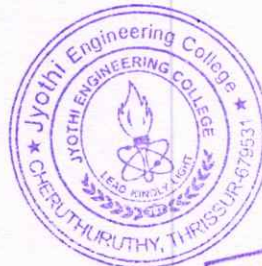
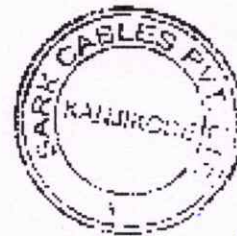
INTERNSHIP CERTIFICATE

This is to certify that Miss. Sameera Santhosh, Register No. JEC20EE016 (EEE) student of Jyothi Engineering College, Cheruthuruthy has successfully completed 5 days (29.01.2024 to 02.02.2024) internship programme in our Company. During the period of her internship programme with us she was found punctual, hardworking and inquisitive.

We wish her all the very best for better prospects in studies as well as in career.

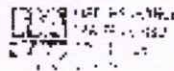
For Sark Cables Pvt. Ltd


SUNIL JOSEPH
Director (Technical Services)



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Principal
Jyothi Engineering College
Cheruthuruthy - 679531



Manufacturing Units at : KANJIKODE, THODUPUZHA

SCPL/CRT/39/2023-24


03-02-2024

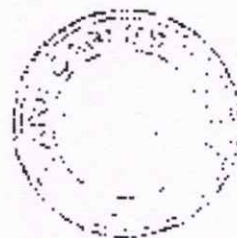
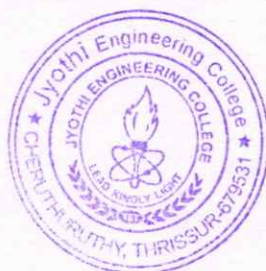
INTERNSHIP CERTIFICATE

This is to certify that Miss. Leenu Jose, Register No. JEC20EE014 (EEE) student of Jyothi Engineering College, Cheruthuruthy has successfully completed 5 days (29.01.2024 to 02.02.2024) internship programme in our Company. During the period of her internship programme with us she was found punctual, hardworking and inquisitive.

We wish her all the very best for better prospects in studies as well as in career.

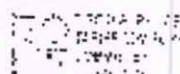
For Sark Cables Pvt. Ltd


SUNIL JOSEPH
Director (Technical Services)




Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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Manufacturing Units at : KANJIKODE, THODUPUZHA



ResiTech Electricals

Factory : Industrial Development Area, Erumathala, Aluva - 683 112
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email : sales@resitechelectricals.com
Website : www.resitechelectricals.com

Manufacturer of : Resin Cast Transformer, Unlised Sub Station, Load Break Switches,
Switchgear Panels, Epoxy Moulded Components, CTs & PTs



QUALITY MANAGEMENT SYSTEM
complying with the requirements of standard
ISO 9001:2015

Date: 31.01.2024

Ref: RTE /CER/2023-24/026

CERTIFICATE

This is to certify that Mr. D Pranav (JEC21EE009), 4th Semester B.Tech EEE Student of Jyothi Engineering College, Cheruthuruthi, Thrissur has successfully completed his Internship of 2024 at our Manufacturing Unit for 11kV Transformers, 11kV Panels and Vacuum Circuit Breakers at IDA, Erumathala, Aluva during 23rd January 2024 to 29th January 2024.

His Internship activities includes familiarisation to all Departments including Purchase, Production and Testing, their operations, processes and the management overview involved with production process of Company.

In this tenure we found Mr. D Pranav. receptive of new ideas and concepts, which he absorbs and adopts effectively. He has contributed positively and enthusiastically through his work as an intern and will be an asset wherever he goes.

We take this opportunity to thank Mr. D Pranav and wish him all the best in future.

For ResiTech Electricals

Managing Partner



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthi - 679531

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QUALITY MANAGEMENT SYSTEM
complying with the requirements of standard
ISO 9001:2015

Date: 31.01.2024

Ref : RTE /CER/2023-24/020

CERTIFICATE

This is to certify that Mr. Jeevan Thomas Jose A (JEC21EE012), 4th Semester B.Tech EEE Student of Jyothi Engineering College, Cheruthuruthi, Thrissur has successfully completed his Internship of 2024 at our Manufacturing Unit for 11kV Transformers, 11kV Panels and Vacuum Circuit Breakers at IDA, Erumathala, Aluva during 23rd January 2024 to 29th January 2024.

His Internship activities includes familiarisation to all Departments including Purchase, Production and Testing, their operations, processes and the management overview involved with production process of Company.

In this tenure we found Mr. Jeevan Thomas Jose A. receptive of new ideas and concepts, which he absorbs and adopts effectively. He has contributed positively and enthusiastically through his work as an intern and will be an asset wherever he goes.

We take this opportunity to thank Mr. Jeevan Thomas Jose A and wish him all the best in future.

For ResiTech Electricals

Managing Partner



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthi - 679531

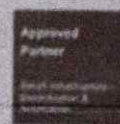
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Date: 31.01.2024

Ref: RTE /CER/2023-24/022

CERTIFICATE

This is to certify that Mr. Joyal Puthur (JEC21EE017), 4th Semester B.Tech EEE Student of Jyothi Engineering College, Cheruthuruthi, Thrissur has successfully completed his Internship of 2024 at our Manufacturing Unit for 11kV Transformers, 11kV Panels and Vacuum Circuit Breakers at IDA, Erumathala, Aluva during 23rd January 2024 to 29th January 2024.

His Internship activities includes familiarisation to all Departments including Purchase, Production and Testing, their operations, processes and the management overview involved with production process of Company.

In this tenure we found Mr. Joyal Puthur. receptive of new ideas and concepts, which he absorbs and adopts effectively. He has contributed positively and enthusiastically through his work as an intern and will be an asset wherever he goes.

We take this opportunity to thank Mr. Joyal Puthur and wish him all the best in future.

For ResiTech Electricals

Managing Partner



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Dr. JOSE P THERATTIL

Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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Website : www.resitechelectricals.com

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Partner

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Date: 31.01.2024

Ref: RTE /CER/2023-24/019

CERTIFICATE

This is to certify that Mr. Nikhil Shiju (JEC21EE021), 4th Semester B.Tech EEE Student of Jyothi Engineering College, Cheruthuruthi, Thrissur has successfully completed his Internship of 2024 at our Manufacturing Unit for 11kV Transformers, 11kV Panels and Vacuum Circuit Breakers at IDA, Erumathala, Aluva during 23rd January 2024 to 29th January 2024.

His Internship activities includes familiarisation to all Departments including Purchase, Production and Testing, their operations, processes and the management overview involved with production process of Company.

In this tenure we found Mr. Nikhil Shiju. receptive of new ideas and concepts, which he absorbs and adopts effectively. He has contributed positively and enthusiastically through his work as an intern and will be an asset wherever he goes.

We take this opportunity to thank Mr. Nikhil Shiju and wish him all the best in future.

For ResiTech Electricals

Managing Partner

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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Date: 31.01.2024

Ref: RTE /CER/2023-24/024

CERTIFICATE

This is to certify that Mr. Savio Sunny (JEC21EE022), 4th Semester B.Tech EEE Student of Jyothi Engineering College, Cheruthuruthi, Thrissur has successfully completed his Internship of 2024 at our Manufacturing Unit for 11kV Transformers, 11kV Panels and Vacuum Circuit Breakers at IDA, Erumathala, Aluva during 23rd January 2024 to 29th January 2024.

His Internship activities includes familiarisation to all Departments including Purchase, Production and Testing, their operations, processes and the management overview involved with production process of Company.

In this tenure we found Mr. Savio Sunny. receptive of new ideas and concepts, which he absorbs and adopts effectively. He has contributed positively and enthusiastically through his work as an intern and will be an asset wherever he goes.

We take this opportunity to thank Mr. Savio Sunny and wish him all the best in future.

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Principal
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email : sales@resitechelectricals.com
Website : www.resitechelectricals.com

Manufacturer of : Resin Cast Transformer, Unifised Sub Station, Load Break Switches,
Switchgear Panels, Epoxy Moulded Components, CTs & PTs



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Partner

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QUALITY MANAGEMENT SYSTEM
complying with the requirements of standard
ISO 9001:2015

Date: 31.01.2024

Ref: RTE /CER/2023-24/021

CERTIFICATE

This is to certify that Mr. Miljo Shaju (LJEC21EE033), 4th Semester B.Tech EEE Student of Jyothi Engineering College, Cheruthuruthi, Thrissur has successfully completed his Internship of 2024 at our Manufacturing Unit for 11kV Transformers, 11kV Panels and Vacuum Circuit Breakers at IDA, Erumathala, Aluva during 23rd January 2024 to 29th January 2024.

His Internship activities includes familiarisation to all Departments including Purchase, Production and Testing, their operations, processes and the management overview involved with production process of Company.

In this tenure we found Mr. Miljo Shaju. receptive of new ideas and concepts, which he absorbs and adopts effectively. He has contributed positively and enthusiastically through his work as an intern and will be an asset wherever he goes.

We take this opportunity to thank Mr. Miljo Shaju and wish him all the best in future.

For ResiTech Electricals

Managing Partner



Jose P Therattil

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

True Copy Attested

No: EA/24-25/008

Date: 17-07-2024

CERTIFICATE

This is to certify that **Mr. D Pranav (JEC21EE009)**, a 6th Semester student of **Jyothi Engineering College, Cheruthuruthi, Shoranur**, has successfully completed their internship at **Athul Energy Consultants Pvt Ltd, Thrissur** from **24th June 2024 to 28th June 2024 (05 days)**.

During this period, **Mr. D Pranav** has actively participated in and contributed to the project on **DISCOM Asset Mapping**. His responsibilities included:

- Collecting and analysing data related to the Electricity distribution company's (TCED) assets.
- Assisting in the creation of detailed maps outlining the locations and statuses of various assets.
- Using Geographic Information System (GIS) tools and software to accurately document and map DISCOM assets.
- Collaborating with team members to ensure data accuracy and completeness.
- Preparing reports to communicate the progress.

Mr. D Pranav demonstrated a strong work ethic, analytical skills, and a keen interest in learning new tools and techniques. His contribution was valuable to the project, and he showed a commendable ability to work both independently and as part of a team.

We wish **Mr. D Pranav** all the best in his future endeavours.

Santhosh A
Managing Director

Athul Energy Consultants Pvt Ltd
17-07-2024



True Copy Attested

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

No: EA/24-25/005

Date: 17-07-2024

CERTIFICATE

This is to certify that **Mr. Jeevan Thomas Jose A (JEC21EE012)**, a 6th Semester student of **Jyothi Engineering College, Cheruthuruthi, Shoranur**, has successfully completed their internship at **Athul Energy Consultants Pvt Ltd, Thrissur** from **24th June 2024 to 28th June 2024 (5 days)**.

During this period, **Mr. Jeevan Thomas Jose A** has actively participated in and contributed to the project on DISCOM Asset Mapping. **His** responsibilities included:

- Collecting and analysing data related to the Electricity distribution company's (TCED) assets.
- Assisting in the creation of detailed maps outlining the locations and statuses of various assets.
- Using Geographic Information System (GIS) tools and software to accurately document and map DISCOM assets.
- Collaborating with team members to ensure data accuracy and completeness.
- Preparing reports to communicate the progress.

Mr. Jeevan Thomas Jose A demonstrated a strong work ethic, analytical skills, and a keen interest in learning new tools and techniques. **His** contribution was valuable to the project, and **he** showed a commendable ability to work both independently and as part of a team.

We wish **Mr. Jeevan Thomas Jose A** all the best in **his** future endeavours.


Santhosh A
Managing Director
Athul Energy Consultants Pvt Ltd
17-07-2024




Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

True Copy Attested

No: EA/24-25/007

Date: 17-07-2024

CERTIFICATE

This is to certify that **Mr. Nikhil Shiju (JEC21EE021)**, a 6th Semester student of **Jyothi Engineering College, Cheruthuruthi, Shoranur**, has successfully completed their internship at **Athul Energy Consultants Pvt Ltd, Thrissur** from **24th June 2024 to 28th June 2024 (05 days)**.

During this period, **Mr. Nikhil Shiju** has actively participated in and contributed to the project on **DISCOM Asset Mapping**. His responsibilities included:

- Collecting and analysing data related to the Electricity distribution company's (TCED) assets.
- Assisting in the creation of detailed maps outlining the locations and statuses of various assets.
- Using Geographic Information System (GIS) tools and software to accurately document and map DISCOM assets.
- Collaborating with team members to ensure data accuracy and completeness.
- Preparing reports to communicate the progress.

Mr. Nikhil Shiju demonstrated a strong work ethic, analytical skills, and a keen interest in learning new tools and techniques. His contribution was valuable to the project, and he showed a commendable ability to work both independently and as part of a team.

We wish **Mr. Nikhil Shiju** all the best in his future endeavours.

Santhosh A
Managing Director
Athul Energy Consultants Pvt Ltd
17-07-2024



True Copy Attested

Dr. Jose P Therattil

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthi - 679531

Athul Energy Consultants Pvt Ltd
CIN: U74999KL2016PTCo46898
M info@athulenergy.com
www.athulenergy.com

Registered Office:
4/2, Capital Legend Building
Korapath lane, Round-North
Thrissur-680020, Kerala
(T) +91 735611990

Branch Office:
F-7, James Square
Asian paint Chowkady, GIDC
Ankleshwar-393002, Gujarat
(T) +91 735611991

No: AEC/24-25/006

Date: 17-07-2024

CERTIFICATE

This is to certify that **Mr. Miljo Shaju (LJEC21EE033)**, a 6th Semester student of **Jyothi Engineering College, Cheruthuruthi, Shoranur**, has successfully completed their internship at **Athul Energy Consultants Pvt Ltd, Thrissur** from **24th June 2024 to 28th June 2024 (05 days)**.

During this period, **Mr. Miljo Shaju** has actively participated in and contributed to the project on **DISCOM Asset Mapping**. **His** responsibilities included:

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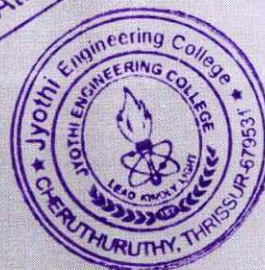
We wish **Mr. Miljo Shaju** all the best in **his** future endeavours.

Santhosh A
Managing Director

Athul Energy Consultants Pvt Ltd
17-07-2024



True Copy Attested



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679534

Athul Energy Consultants Pvt Ltd
CIN: U74999KL2016PTCo46898
M info@athulenergy.com
www.athulenergy.com

Registered Office:
4/2, Capital Legend Building
Korapath lane, Round-North
Thrissur-680020, Kerala
+91 735611990

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Inauguration of SEEM Student Chapter at Jyothi Engineering College, Cheruthuruthy

Report

On March 7, 2024, the inauguration of the student chapter of the Society of Energy Engineers and Managers (SEEM) took place at Decennial Hall in Jyothi Engineering College. The event aimed to formally introduce SEEM to Jyothi Engineering College. The event was attended by students from the Electrical & Electronics Engineering (EEE) department, as well as members of SEEM.

The program began at 2:15 pm with a welcoming speech by Dr. Jenson Jose, Head of the Electrical & Electronics Department. Dr. Jose P Therattil, Principal of JECC, then gave an encouraging speech, expressing his full support for SEEM's upcoming activities.

Mr. Ashok K.M. P, Secretary of SEEM Kerala Chapter and Project Director at Athul Energy Consultants Pvt. Ltd, officially inaugurated the student chapter by lighting the lamp. He highlighted the critical role of SEEM in promoting sustainable practices and energy management in the industry.

Fr. Dr. Jose Kannampuzha, Academic Director of JECC, spoke about the importance of conserving energy in today's world.

Ms. Della David, Certified Energy Auditor, shared her experiences in energy auditing, adding valuable insights.

The official part of the event ended at 3:00 pm with a vote of thanks from Mr. Geo Paul, student representative.

Following the official ceremony, Mr. Ashok K.M.P explained the origin of SEEM, its activities, and the benefits of student membership. Ms. Della David then provided a detailed session on energy audits, explaining the steps involved and the equipment used. The session concluded at 4:00 pm, with all students actively participating and showing great enthusiasm for the topics discussed. The establishment of SEEM promises to contribute significantly to the academic and professional growth of students and faculty of Jyothi Engineering College.



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Principal
Jyothi Engineering College
Cheruthuruthy - 679531



Google

Cheruthuruthi, Kerala, India
Ground Floor, Sreehari Arcade,
Lat 10.727683°

Long 76.29054°

07/03/24 02:51 PM GMT +05:30

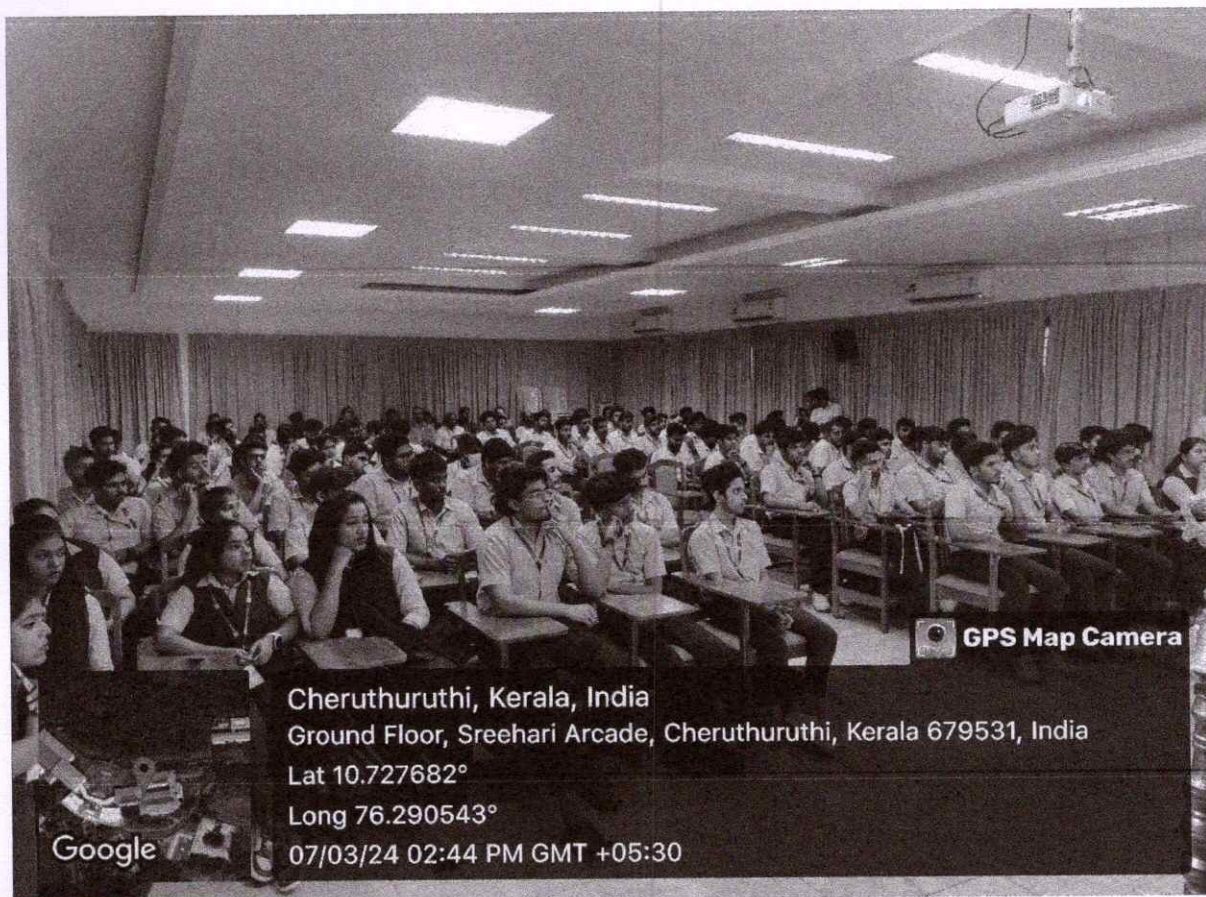


GPS Map Camera



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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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Jose P
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Fwd: Invitation to Inaugurate the ECSA Association

1 message

Bindhu k <Bindhuk@jecc.ac.in>
To: "Dr. Prajoon P" <prajoonp@jecc.ac.in>

Sat, Oct 26, 2024 at 10:49 AM

----- Forwarded message -----

From: **HOD EC** <hodec@jecc.ac.in>
Date: Wed, Oct 25, 2023 at 1:27 PM
Subject: Fwd: Invitation to Inaugurate the ECSA Association
To: Bindhu k <Bindhuk@jecc.ac.in>

----- Forwarded message -----

From: **Sreekanth M** <sreekanth@kabanitech.com>
Date: Wed, Oct 25, 2023, 1:25 PM
Subject: Re: Invitation to Inaugurate the ECSA Association
To: HOD EC <hodec@jecc.ac.in>

Dear Dr. Sindhu,

Thank you for your Invitation.

I hereby confirm my presence during the inauguration of ECSA on 26-10-23.

Regards

Dr. Sreekanth Madhavan
CEO, Kabani Tech

----- On Tue, 24 Oct 2023 15:51:44 +0530 **HOD EC** <hodec@jecc.ac.in> wrote -----

Dear Dr. Sreekanth M,

I hope this letter finds you in the best of health and spirits. It is with immense pleasure that I extend this formal invitation to you to grace the Inauguration of the ECSA on October 26, 2023, at 2:00 PM.

We kindly request you to deliver the inaugural address and inspire our students. Your presence will undoubtedly make the event more special and memorable for our students. We are eagerly looking forward to your participation in the inauguration of the ECSA Association.

Regards

Dr. Sindhu S
HoD, ECE

Jyothi Engineering College, Cheruthuruthy



Jose P
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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REPORT

on

ECSA INAUGURATION - 2023

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Electronics and Communication Engineering Students Association (ECSA)

26th October 2023

Dept. Staff Coordinator: Ms. Bindhu K Rajan



Jose P
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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VISION & MISSION OF THE COLLEGE

VISION:

- creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence.

MISSION:

- To emerge as an institution par excellence of global standards by imparting quality engineering and other professional programmes with state-of-the-art facilities.
- To equip the students with appropriate skills for a meaningful career in the global scenario.
- To include ethical values among students and ignite their passion for holistic excellence through social initiatives.
- To participate incubation, in the development of society through technology incubation, entrepreneurship and industry interaction.

VISION & MISSION OF ECE DEPARTMENT

VISION:

- Create eminent and ethical leaders in the field of Electronics and Communication through quality professional education to excel in academia and industry.

MISSION:

- Provide theoretical and practical knowledge through quality education and life skills training to make competent graduates with leadership and social commitment.



Jose P

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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- To impart entrepreneurial orientation and motivation for research among the students through knowledge transfer between industrial, academic & research institutions

PROGRAMME EDUCATIONAL OBJECTIVE (PEO)

- Graduates shall have fundamental and advanced knowledge in electronics and communication engineering along with knowledge in mathematics, science and computing and get employed in national or international organizations or government agencies.
- Graduates shall have the ability in analyzing, designing and creating innovative solutions which lead to a lifelong learning process or higher qualification, making them experts in their profession and thus helping to solve electronics & communication engineering and social problems.
- Graduates shall have good organizing capability, presentation skills, communicating ability, leadership, team work and ethical practices.

PROGRAMME OUTCOMES (POs)

Program Outcomes of Under-Graduate programs in Electronics & Communication Engineering are: Students will have the:

- a. Ability to apply knowledge of mathematics, science and engineering in the field of Electronics & Communication engineering.
- b. Ability to design and conduct experiments, analyse and interpret data and results in Electronics & Communication engineering.
- c. Ability to design Electronics & Communication systems, components, or processes to meet the desired needs within realistic constraints such as health and safety, manufacturability and sustainability with economic, environmental, social, political and ethical considerations.



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- d. Ability to work individually as well as in multidisciplinary teams as a member or as a leader to accomplish the common goal.
- e. Ability to identify, analyse, formulate, and solve engineering problems.
- f. Knowledge of professional and ethical responsibility.
- g. Ability to communicate effectively in both verbal and written form in any area of their field to the industry, and society.
- h. Broad knowledge necessary to understand the impact of engineering solutions on individuals, organizations and society.
- i. Ability to engage in life-long learning to update their knowledge to keep pace with changes caused by the dynamic nature of the engineering field.
- j. Awareness of contemporary issues that help to integrate advanced and sustainable solutions in the user environment.
- k. Ability to use techniques, skills, and modern engineering tools, software and equipment necessary for designing, developing electronic systems.

PROGRAMME SPECIFIC OUTCOMES (PSOS)

Graduates will be able to:

1. **Professional Skills:** Associate the concepts related to Electronics, Communication, Embedded Systems, Signal Processing and VLSI to solve real life problems.
2. **Problem Solving Ability:** Comprehend technology advanced to analyse and design systems using modern design tools for the benefit of the society.
3. **Lifelong Learning and Ethical Values:** Have good communication skills, work as a team, develop leadership qualities, become professional or entrepreneurs with ethical values.



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Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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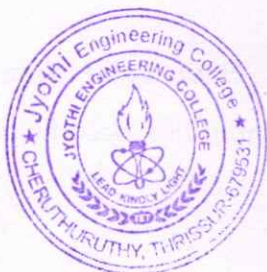
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INTRODUCTION

The inaugural ceremony of the Electronics and Communication Engineers Student Association marked a momentous occasion, bringing together aspiring engineers to embark on a journey of innovation and collaboration. The event, held with great enthusiasm, served as a platform to unite like-minded individuals passionate about advancing technology. The inaugural ceremony of the Electronics and Communication Engineers Student Association was graced by the presence of distinguished dignitaries, each contributing their unique perspectives to the event. The ceremony not only celebrated the inception of the association but also set the stage for a dynamic community committed to pushing the boundaries of electronics and communication. As we commence this collective venture, the future promises an exciting landscape of knowledge-sharing and transformative advancements in the field.

Date: October 26, 2023

Venue: Deccinal Hall



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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Jyothi
Engineering College



ELECTRONICS AND COMMUNICATION ENGINEERING STUDENTS ASSOCIATION

ECSA
2023 - 2024

INAUGURATION

KEYNOTE ADDRESS

1 + 1 = ?



DR. SREEKANTH M

CEO
Kabani Tech

Jyothi Alumnus
2002-06 batch



Time

2:00pm - 4:00pm

Venue

Decennial Hall

Organised by Electronics & Communication Engineering with IETE Students Forum
Jyothi Engineering College, Cheruthuruthy

Figure 1: Event Poster



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Jose P
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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EVENT PROGRAM HIGHLIGHTS:

The inaugural ceremony of the Electronics and Communication Engineers Student Association unfolded with a harmonious prayer song, setting a reflective tone for the proceedings.

1. Welcome Address:

The event commenced with a warm welcome address by Dr. Sindhu S (HOD ECE Dept.), extending gratitude to all attendees and setting the stage for the festivities.

2. Inauguration:

The symbolic lighting of the lamp, a gesture denoting enlightenment and auspicious beginnings, was carried out by Mr. Sreekanth S (CEO Kabini Tech.), officially inaugurating the association.

3. Presidential Address:

Rev. Fr. Jose Kannambuzha, the esteemed Academic director, delivered a visionary address, articulating the association's mission and outlining the path ahead in the ever-evolving field of electronics and communication engineering.

4. Felicitation:

Distinguished individuals, including Dr. Jose Therattil (Principal), were felicitated for their notable contributions to the field, reinforcing the spirit of acknowledgment and collaboration.

5. Previous Years' Report:

A retrospective insight into the association's journey was presented by Kavyasree A Nair, offering valuable lessons and highlighting milestones achieved in previous years.



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6. Vote of Thanks:

Expressing gratitude to everyone involved, Aju Antony (Chairman ECSA) delivered the vote of thanks, acknowledging the collective efforts that made the event and the association's inception possible.

7. Keynote Address:

The ceremony reached its intellectual zenith with a keynote address Dr. Sreekanth S, a luminary in the field, providing valuable insights and shaping the discourse on the future of electronics and communication engineering.

The carefully curated program not only celebrated the association's inception but also laid a robust foundation for a future characterized by knowledge sharing, collaboration, and innovation.

CONCLUSION

In conclusion, the inaugural ceremony of the Electronics and Communication Engineers Student Association marked the commencement of a transformative journey. The diverse perspectives shared by distinguished dignitaries illuminated the path forward, emphasizing collaboration, innovation, and the seamless integration of academia and industry. As we navigate this promising landscape, the ceremony's success lies in its ability to ignite a collective passion for pushing boundaries and fostering a dynamic community. With shared aspirations and a foundation built on knowledge exchange, the association stands poised to make significant contributions to the evolving realm of electronics and communication engineering. The ceremony serves as a catalyst for a future rich in groundbreaking achievements and collaborative endeavours.



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Cheruthuruthy - 679531



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OUR TEAM

ELECTRONICS AND COMMUNICATION ENGINEERING STUDENTS ASSOCIATION [ECSA]

OUR TEAM 2023-24



Ms. BINDHU K RAJAN
STAFF IN- CHARGE



AJU ANTONY
CHAIRPERSON
S7-ECE



VAISHNAV S
SECRETARY
S5-ECE



DELNA JOSEPH
VICE CHAIRPERSON
S5-ECE



JOYAL JAIMY
JOINT SECRETARY
S3-ECE

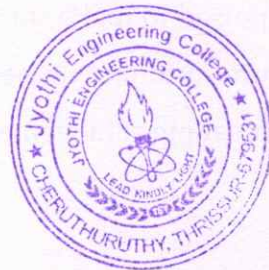


NOOPURA MOHAN
TREASURER
S7-ECE



Jyothi Engineering College

Figure: ECSA Committee



Jose P Therattil

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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EXECUTIVE MEMBERS

ELECTRONICS AND COMMUNICATION ENGINEERING
STUDENTS ASSOCIATION



Aneena C Binu
S7 ECE



Kavyasree A Nair
S7 ECE



Abhiram A R
S5 ECE



Sneha Sajan
S5 ECE



Anitta Thomas
S3 ECE



Sahil K Lazar
S3 ECE

Figure: ECSA Executive Committee Members

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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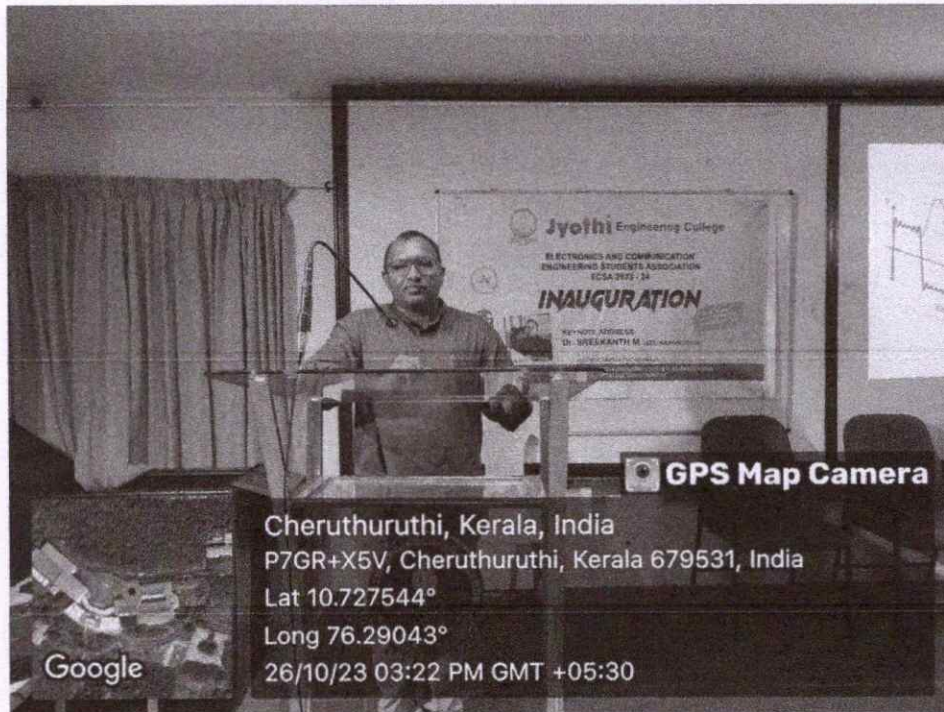
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JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, 679531 | Ph. +91 4884 259000 | info@jecc.ac.in | www.jecc.ac.in



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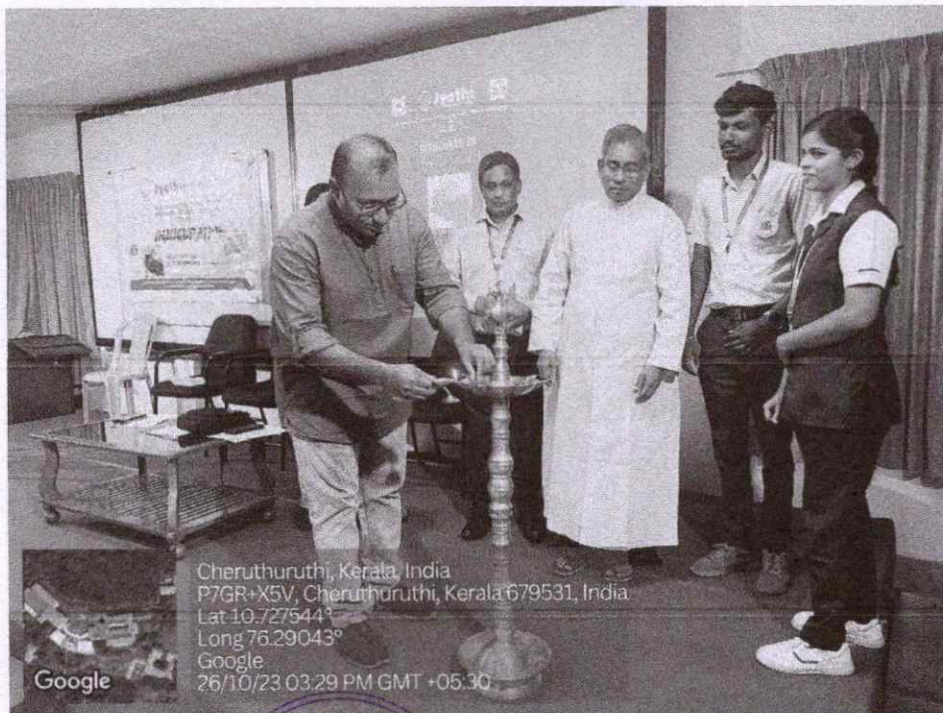
EVENT GALLERY



GPS Map Camera

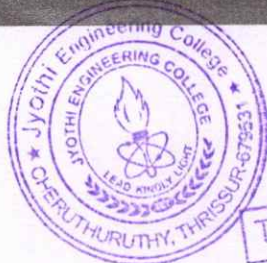
Cheruthuruthi, Kerala, India
P7GR+X5V, Cheruthuruthi, Kerala 679531, India
Lat 10.727544°
Long 76.29043°
26/10/23 03:22 PM GMT +05:30

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Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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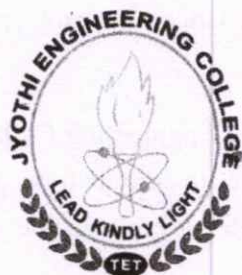
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING




CREATING TECHNOLOGY
LEADERS OF TOMORROW
ESTD 2002

CERTIFICATE

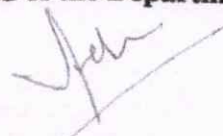
This is to certify that the report entitled "**SOLAR PANEL TRACKER WITH SELF CLEANING SYSTEM**" submitted by ANDRIYA ANTO EMMATTY(JEC20EC009), JINCY SUSAN JOHN(JEC20EC021), VISAKH N R(JEC20EC041), ABHIJITH C S(LJEC20EC042) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree in Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of the project work carried out by them under my/our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Internal Supervisor


Ms. Saritha P
Assistant Professor



Head of the Department


Dr. Sindhu S
Associate Professor



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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ACKNOWLEDGEMENT

We take this opportunity to thank everyone who helped us profusely, for the successful completion of our project work. With prayers, we thank **God Almighty** for his grace and blessings, for without his unseen guidance, this project would have remained only in our dreams.

We thank the **Management** of Jyothi Engineering College and our Principal, **Dr. Jose P. Therattil** for providing all the facilities to carry out this project work. We are grateful to the Head of the Department **Dr. Sindhu S** for her valuable suggestions and encouragement to carry out this project work.

We would like to express our whole hearted gratitude to **Mattex** for the guidance and support in the project work and for providing all the facilities to carry out this project work.

We would like to express our whole hearted gratitude to the project guide **Ms. Saritha P** for her encouragement, support and guidance in the right direction during the entire project work.

We thank our Project Coordinators **Fr. David Nettikadan & Ms. Drisya M K** for their constant encouragement during the entire project work. We extend our gratefulness to all teaching and non teaching staff members who directly or indirectly involved in the successful completion of this project work.

Finally, we take this opportunity to express our gratitude to the parents for their love, care and support and also to our friends who have been constant sources of support and inspiration for completing this project work.

ANDRIYA ANTO EMMATTY (JEC20EC009)

JINCY SUSAN JOHN (JEC20EC021)

VISAKH N R (JEC20EC041)

ABHIJITH C S (LJEC20EC042)



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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



Drisya M.K. <drisyamk@jecc.ac.in>

Request for Collaboration on Final Year Student Project

2 messages

Drisya M.K. <drisyamk@jecc.ac.in>

Sat, Oct 28, 2023 at 2:01 PM

To: info@mattex.in

Cc: HOD EC <hodec@jecc.ac.in>, Saritha P <sarithap@jecc.ac.in>, "Fr.David Nettikadan" <davidnettikadan@jecc.ac.in>

Dear Sir,

I hope this letter finds you well. I am Drisya M K, Project Coordinator ,ECE Department, Jyothi Engineering College, and I would like to request your company's collaboration on a project being undertaken by a group of our students.

We believe that collaborating with your company would provide our students with valuable insights, mentorship, and access to resources that would greatly enhance the quality and relevance of their project work.

Title of project: SOLAR PANEL TRACKER WITH SELF CLEANING SYSTEM

Team Members:

Ms.ANDRIYA ANTO EMMATTY-JEC20EC009

Ms.JINCY SUSAN JOHN-JEC20EC021

Ms.VISAKH N R-JEC20EC041

Ms.ABHIJITH C S-LJEC20EC042

If you are interested in collaborating with us ,Please reply at the earliest.

with regards,

Drisya M k

AP,Dept of ECE

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Chennai - 679531

Tue, Dec 19, 2023 at 2:06 PM

ANTO JOB <mattex256@gmail.com>

To: "Drisya M.K." <drisyamk@jecc.ac.in>

Dear Ma'am,

First of all, thank you for reaching out to us. We are happy to say we would gladly like to collaborate with this project. We are ready to provide guidance and necessary resources to complete the project work.

Thanking you,
ANTO JOB EMMATTY
PROPRIETOR OF MATTEX

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[Quoted text hidden]



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JEC/2/A/8/24

05 June 2024

ORDER

An amount of Rs. 30000/- (Rupees thirty thousand only) was received from Sansnow's Nobel Professional Foundation' for the patent drafting consultancy work. Dr. Gaswin Kastro G, Associate Professor, Electronics and Communication Engineering Department has engaged the patent drafting consultancy work. As per the practice 80% of the amount received from the institution may be given to the resource person. Hence, Dr. Gaswin Kastro G is eligible for an honorarium of Rs. 24,000/- (Rupees twenty-four thousand only).

An amount of Rs. 24,000/- (Rupees twenty-four thousand only) is sanctioned and that amount may be credited to the account of Dr. Gaswin Kastro G.

Fr. Thomas Kakkassery
Fr. Thomas Kakkassery
Executive Manager

To
Finance Manager

Copy to:

Dr. V M Xaviour, Registrar
Accounts Dept.



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Dr. Jose P. Therattil
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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JEC/2/A/8/24

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ORDER

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An amount of Rs. 24,000/- (Rupees twenty-four thousand only) is sanctioned and that amount may be credited to the account of Dr. Gaswin Kastro G.

Fr. Thomas Kakkassery
Fr. Thomas Kakkassery
Executive Manager

To
Finance Manager

Copy to:

Dr. V M Xaviour, Registrar
Accounts Dept.





BTC

BLUEWAY TRADING COMPANY

"SERVING YOUR NEEDS"

09-09-2023
Kozhikode.

To

Mr. Anil Antony,
CSE Dept,
Jyothi Engineering College,
Thrissur.

Work order for Website development for Blueway Trading Company.

This W.O as per above date is provided to the Jyothi Engineering CSE department in regard to offer for developing a website for Blueway Trading Company. As discussed, the website should be Dynamic with features like product overview, company profile, clientele, enquiry section etc. The web page should be developed in a way that the future products, clientele, location updates can be easily done by the Blueway company.

BTC: Blueway Trading Company Website Objectives

1. User Engagement: Amplify user interaction by making information easily accessible and relevant.
2. Product Showcase: Establish an interactive catalogue for BTC's agricultural products.
3. Customer Enquiry Handling: Develop an efficient system for handling customer queries and interactions.
4. Admin Functionality: Incorporate a secure admin dashboard for product and enquiry management.

Website Structure

Public Pages

1. About Us

Mission & Vision: In-depth presentation of the company's goals and future plans.

Team: Features professional profiles of key team members, complete with images.

Trading Overview: Provides insights into the trading operations of BTC.

History: Showcases the company's journey through an interactive timeline.

2. Product Page

Name: The title of the product. **Description:** Comprehensive product description.

Nutritional Facts: Listed for relevant products.

Benefits: An overview of product advantages.

Image: High-quality imagery to complement product information.

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

28/1034A, Mispan, May Day Road, Chevayur P.O., Calicut- 673017, Kerala
☎ 0495 296 7448, ☎ 89188820881, Email: btccalicut@outlook.com



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BTC

BLUEWAY TRADING COMPANY

"SERVING YOUR NEEDS"

3. Location

Google Map: An interactive map feature that pinpoints BTC's operational locations.

4. Enquiry

Contact Form: An integrated detailed form backed by NodeMailer for customer queries.

5. Footer

Contact Details: Provides contact information in an easy-to-find location.

Newsletter Subscription: A feature for subscribing to email updates.

Admin Page

1. Add Products Product Management: A graphical user interface for effortless product addition or deletion.

2. Customer Enquiry Management: Features that allows admins to see all the enquires regarding the products or company.

3. Products List Inventory View: A feature that allows admins to see all the listed products on the website.

Contract value and terms:

The total work is fixed with a contract value of 10,000/- INR (Ten thousand rupees only.).

First payment of 50% will be done as advance by the beginning of the work.

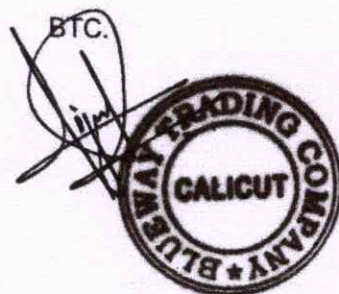
Second stage payment, remaining 50% will be done after handing over of the project.

The developer should provide with backend support and any related site maintenance for the first year after the handing over of the project as an included AMC.

Work order accepted as per the mutually agreed terms and conditions.

Contractor signature.

1. Mr. Anil Antony, Asst. Professor, CSE
2. Ms. Sobha Xavier, Asst. Professor, CSE
3. Mr. Edwin Moncy, S7 CSEA
4. Mr. Aswin K, S7 CSEA
5. Mr. Arun K Nair, S5 CSEA



28/1034A, Mispah, May Day Road, Chevayur P.O., Calicut- 673017, Kerala

☎ 0495 296 7448, ☎ 89188820881, Email: btccalicut@outlook.com



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Principal
Jyothi Engineering College
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Talk on AI driven Game development with Unity

Name of the event: Talk on AI driven Game development with Unity.

Date of the event: 15 September 2023, 2.00 PM

Location of the event: EAB 415

Special Guest: Mr. Nikhil Chandran, CEO TILTEDU Pvt. L td.

Report

On September 15, 2023 a talk on AI driven Game development with Unity was held. The speaker was Mr. Nikhil Chandran, CEO TILTEDU Pvt. L td., Trivandrum.

The programme was held for S7 CSE students. Department of CSE in association with IE(I) student chapter of JECC conducted the event.

The proceedings began with a silent prayer, followed by a welcome speech by Dr. Saju P John, HOD, CSE. Mr. Nikhil Chandran's session was held after that. AI in game development transcends beyond the creation of challenging adversaries. It encompasses a wide spectrum of applications, including procedural content generation, dynamic story-telling, realistic character behaviors, and immersive, ever-evolving game worlds. Both Unreal and Unity have embraced AI, integrating advanced tools and features that empower developers to create more complex, lifelike, and engaging gaming experiences. AI tools like Unity ML-Agents and Unreal Engine's Blueprints Visual Scripting have revolutionized game development. They have made it possible to create more complex and dynamic games, automate various aspects of game development, and enhance overall game performance.

AI technologies such as Natural Language Processing (NLP) for Dialogue Systems and Computer Vision and Facial Recognition have significantly enhanced game experiences. They have enabled the creation of realistic and engaging dialogues, personalized game characters, and immersive game environments. It was concluded by vote of thanks by Ms. Ninu Francis Staff in charge of IE(I).



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Principal
Jyothi Engineering College
Cheruthuruthy - 679531



Talk on: AI-Driven
Game Development
with Unity

Mr. Nikhil Chandran, CEO, TILTEDU Pvt. Ltd.
15th September 2023 @ 2:00 pm
Venue: EAB 415

 **TILTEDU**
EMPOWERING THE NEXT GENERATION



 **Jyothi**
Engineering College



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Jose P Therattil

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Talk on Blockchain

Name of the event: Talk on Blockchain

Date of the event: 23 February 2024, 2.00 PM

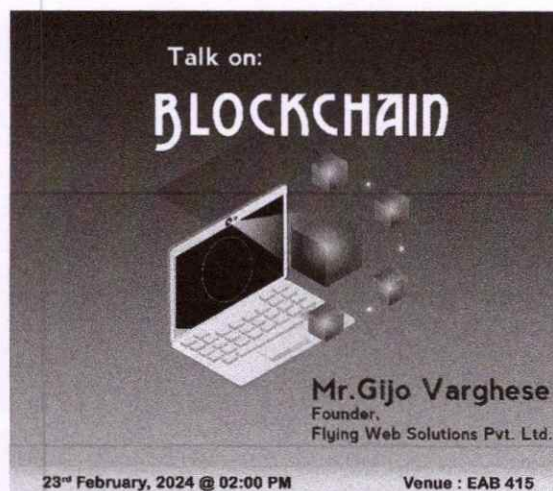
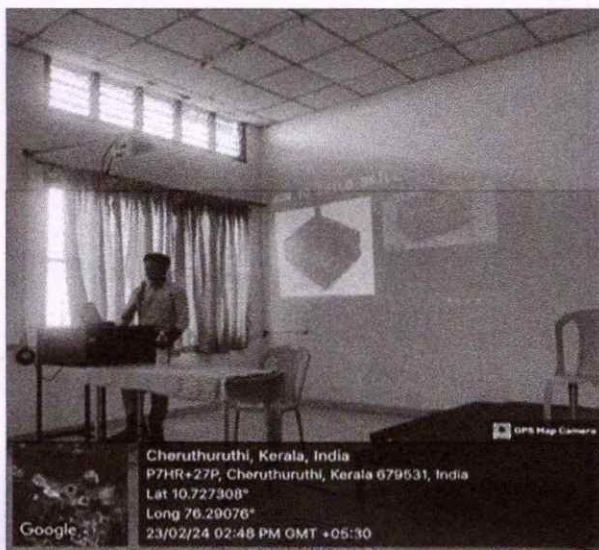
Location of the event: EAB 415

Speaker: Mr. Gigo Varghese, Founder, FlyingWeb Solutions Pvt.Ltd

Report

On February 23, 2024 a talk on Blockchain was held. The speaker was Mr. Gigo Varghese, Founder, FlyingWeb Solutions Pvt.Ltd. The programme was held for S6 CSE students. Department of CSE in association with CSI student chapter of JECC conducted the event.

The proceedings began with a silent prayer, followed by a welcome speech from Dr. Saju P John HOD, CSE Department. Mr. Gigo Varghese's speech focused on the fact that Blockchain technology has generated massive interest among governments, enterprises, and academics, because of its capability of providing a transparent, secured, tamper-proof solution for interconnecting different stakeholders in a trustless setup. In January 2021, the Ministry of Electronics and Information Technology (MeiTY), Government of India, published the first draft of the "National Strategy on Blockchain" that highlights 17 potential applications that are of national interest. Against this backdrop, this subject will cover the basic design principles of Blockchain technology and its applications over different sectors. Additionally, the course also provides tutorials on setting up blockchain applications using one of the well-adopted permissionless blockchain platforms - Ethereum, and one permissioned blockchain platform - Hyperledger. The session was concluded by vote of thanks from Ms. Cyrin Daddy, President CSI student chapter.



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Talk on Cloud computing for IoT applications

Name of the event: Talk on Cloud computing for IoT applications.

Date of the event: 15 February 2024, 10.00 AM

Location of the event: EAB 415

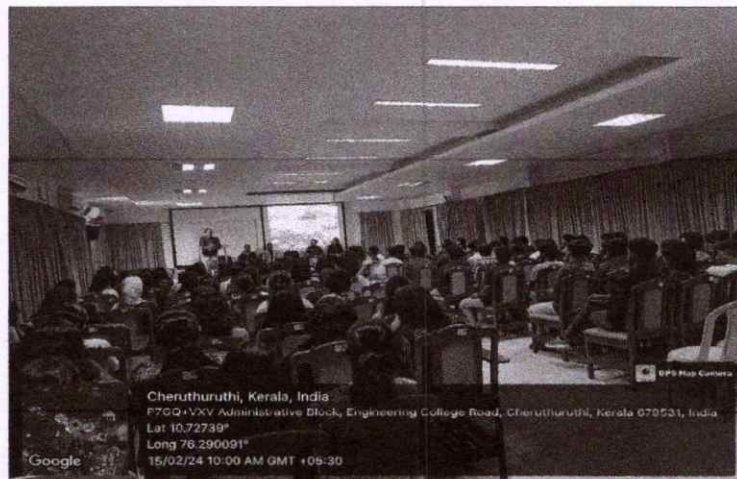
Special Guest: Mr. Dilip K Gopal- COO at Chi-square Labs

Report

On February 15, 2024 a talk on Cloud computing for IOT applications was held. The speaker was Mr. Dilip K Gopal, Chief Operating Officer Chisquare Labs, Kochi. The programme was held for S5 CSE students. Department of CSE in association with CSI student chapter of JECC conducted the event.

The proceedings began with a silent prayer, followed by a welcome speech from Dr. Saju P John HOD, CSE Department. Mr. Dilip K Gopal started his talk with focus on the fact that The use of the Internet of Things in conjunction with cloud technologies has become a kind of catalyst: the Internet of Things and cloud computing are now related to each other. These are true technologies of the future that will bring many benefits.

Due to the rapid growth of technology, the problem of storing, processing, and accessing large amounts of data has arisen. Great innovation relates to the mutual use of the Internet of Things and cloud technologies. In combination, it will be possible to use powerful processing of sensory data streams and new monitoring services. As an example, sensor data can be uploaded and saved using cloud computing for later use as intelligent monitoring and activation using other devices. The goal is to transform data into insights and thus drive cost-effective and productive action. Cloud computing and the internet of things are the perfect examples of innovative technologies. Cloud computing provides the tools and services needed to create IoT applications. It also supports the creation of dependable and accurate IoT-based applications. The session was concluded by Vote of thanks by Ms. Christy, Vice President of CSI. Audience were students from S5 A batch.



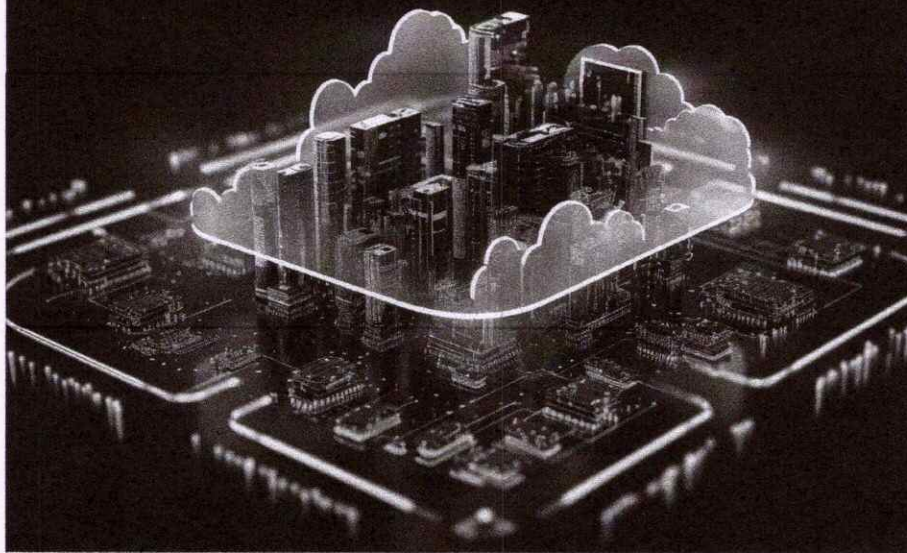
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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Talk on :

Cloud computing for IoT Applications

Mr. Dilip K Gopal
Chief operating Officer,
Chisquare Labs



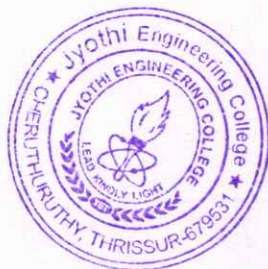
15th February, 2024 @ 10:00 AM

Venue : EAB 415

CS CHISQUARE LABS



Jyothi
Engineering College



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Principal
Jyothi Engineering College
Cheruthuruthy - 679531



Talk on Opportunities in Data Science & AI

Name of the event: Talk on Opportunities in Data Science & AI.

Date of the event: 26 April 2024, 2.00 PM

Location of the event: EAB 415

Speaker : Mr. Bimal S Parayil, Co-Founder & CEO ,Nintriva Technology solutions

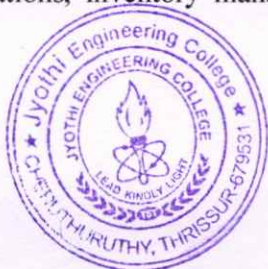
Report

On April 26, 2024 a talk on Opportunities in Data Science & AI was held. The speaker was Mr. Bimal S Parayil, Co-Founder & CEO, Cochin. The programme was held for S8 CSE students. Department of CSE in association with CSI student chapter of JECC conducted the event.

The proceedings began with a silent prayer, followed by a welcome speech from Dr.Saju P John HOS,CSE Department. Mr. Bimal S Parayil pointed out that Data science and artificial intelligence are revolutionizing the business world, ranging from small businesses or startups to large multinational companies and even public administrations. The demand for data scientists and AI engineers will grow significantly in the coming years, given the increasing amount of data generated and the need to use this data to solve real-world problems. The World Economic Forum estimates that by 2025, 58 million jobs related to Data Science and Artificial Intelligence will be generated.

Companies like Google, Microsoft, Amazon, and Facebook have invested heavily in data science and AI. They are looking for skilled professionals to help them develop and deploy machine learning models, build and maintain data pipelines, and analyze data to identify trends and patterns. Data science and AI are skill-based careers, meaning you must constantly learn and update your skills to stay ahead of the curve. Artificial Intelligence Professionals train Artificial Intelligence systems to capture and process the data that provide solutions to various industrial, commercial, and professional activities. Since Artificial Intelligence is an area in full development, these professionals can research new applications to innovate. In the coming days, artificial intelligence professionals will collaborate with engineers, agricultural professionals, scientists, the banking system, doctors, biologists, HR professionals, IT systems, statistics, marketing, managers, economists, and even startups. Data science and artificial intelligence (AI) professionals can work in a variety of industries and settings, including:

- **Technology:** Tech companies are at the forefront of data science and AI innovation, and they hire many data scientists and AI engineers to develop and deploy new products and services. Some examples of tech companies that hire data scientists and AI engineers include Google, Microsoft, Amazon, Facebook, and Netflix.
- **Financial services:** These companies use data science and AI to improve their risk management, fraud detection, and customer service. Some examples of financial services companies that hire data scientists and AI engineers include banks, hedge funds, and investment firms.
- **Healthcare:** Healthcare companies use data science and AI to develop new drugs and treatments, diagnose diseases, and improve patient care. Some examples of healthcare companies that hire data scientists and AI engineers include pharmaceutical companies, hospitals, and medical device companies.
- **Retail:** These businesses use data science and AI to improve their product recommendations, inventory management, and supply chains. Some examples of retail



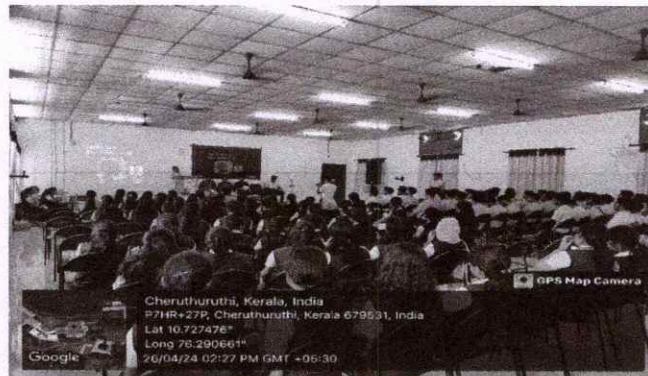
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companies that hire data scientists and AI engineers include Amazon, Walmart, and Target.

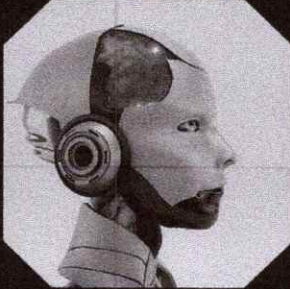
- **Manufacturing:** Data science and AI help manufacturing companies improve their product quality, reduce costs, and predict machine failures. Some examples of manufacturing companies that hire data scientists and AI engineers include Tesla, General Motors, and Siemens.

Programme was concluded by vote of thanks from Ms. Cyrin Daddy, President, CSI Student Chapter.




Talk on:


Opportunities in Data Science & AI



26
APR 2024
Venue : EAB 415

Mr. Bimal S Parayil
Co-founder & CEO
Nintriva Technology Solutions

 **NINTRIVA**

 **Jyothi**
Engineering College
Cheruthuruthy, Thrissur - 679531



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Principal
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Talk on Generative AI in Virtual Reality

Name of the event: Talk on Generative AI in Virtual Reality.

Date of the event: 13 October 2023, 2.00 PM

Location of the event: EAB 415

Special Guest: Mr. Jovis Joseph, Founder, Messengerify Labs

Report

On October 13, 2023 a talk on Generative AI in Virtual Reality was held. The speaker was Mr. Jovis Joseph, Founder, Messengerify Labs, Angamaly. The programme was held for S7 CSE students. Department of CSE in association with IE(I) student chapter of JECC conducted the event.

The proceedings began with a silent prayer, followed by a welcome speech from Dr. Saju P John HOD, CSE Department. Mr. Jovis Joseph gave an overall view about potential applications of Generative AI in virtual reality (VR), including Content generation in which Generative AI can create 3D models, 2D textures, and animations quickly. This can speed up development and create more diverse content. Interactive storytelling Generative AI can create more interactive storytelling experiences. For example, in a modded version of The Elder Scrolls V: Skyrim, NPCs can discuss almost any topic with the player. Virtual environments

Generative AI can create virtual environments for testing and optimization. For example, it can create realistic environments for HVAC systems that accurately reflect the physics of the real world. Personalized experiences Generative AI can create personalized experiences for users by tailoring content to their preferences and behaviour. Training and education Generative AI can create training modules, policy documents, and instructional materials. It can also create realistic VR experiences that can be used for training and education. In Compliance management Generative AI can create compliance-related content to ensure adherence to industry regulations. Generative AI can also reduce the human labor involved in producing VR content, and increase productivity and efficiency. The session was concluded by Vote of thanks by Ms. Ninu Francis, Staff Incharge IEI.



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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

13
OCT
2023

2:00 PM
Venue : EAB 415



Talk on:

Generative AI IN VIRTUAL REALITY



Mr. Jovis Joseph, Founder Messengerify Labs



messengerify



Jyothi
Engineering College



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Jose P Therattil

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



Talk on Generative AI

Name of the event: Talk on Generative AI.

Date of the event: 27 March 2024, 10.00 AM

Location of the event: EAB 415

Special Guest: Mr. Sanjo Simon, Managing Director, Triaxia Infotech Pvt. Ltd.

Report

On October 13, 2023 a talk on Generative AI in Virtual Reality was held. The speaker was Mr. Jovis Joseph, Founder, Messengerify Labs, Angamaly. The programme was held for S7 CSE students. Department of CSE in association with IE(I) student chapter of JECC conducted the event.

The proceedings began with a silent prayer, followed by a welcome speech from Dr. Saju P John HOD, CSE Department. Mr. Jovis Joseph gave an overall view about potential applications of Generative AI in virtual reality (VR), including Content generation in which Generative AI can create 3D models, 2D textures, and animations quickly. This can speed up development and create more diverse content. Interactive storytelling Generative AI can create more interactive storytelling experiences. While AI can be a powerful tool for solving engineering design problems, it is not going to replace the engineer and designer. AI is certainly helping engineers develop, optimize, and assess design possibilities, but it will not replace human creativity and innovation, at least not yet. What it does is free the designer from repetitive tasks, multiple calculations, searching for optimal designs, and resolves many conflicting design constraints, allowing the engineer to focus on problem-solving and innovation. Generative AI can create virtual environments for testing and optimization. For example, it can create realistic environments for HVAC systems that accurately reflect the physics of the real world. Personalized experiences Generative AI can create personalized experiences for users by tailoring content to their preferences and behaviour. Training and education Generative AI can create training modules, policy documents, and instructional materials. It can also create realistic VR experiences that can be used for training and education. In Compliance management Generative AI can create compliance-related content to ensure adherence to industry regulations. Generative AI can also reduce the human labor involved in producing VR content, and increase productivity and efficiency. The session was concluded by Vote of thanks by Ms. Ninu Francis, Staff Incharge IEL.



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Talk on:
Generative AI

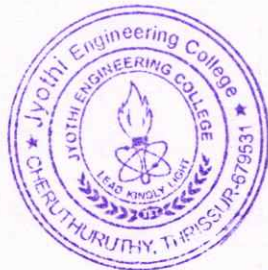


Mr. Sanjo Simon
Managing Director,
Triaxia Infotech Pvt. Ltd.

VENUE : EAB415
27 MARCH 2024 - 10AM



Jyothi
Engineering College



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ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

STUDENTS' ASSOCIATION INAUGURATION REPORT

(2023-2024)

Name of the event: Artificial Intelligence and data science students' association inauguration.

Date of the event: 15 February 2024

Location of the event: EAB 415

Special Guest: Mr. Dilip K Gopal- COO at Chi-square Labs

Invited people for the event: Academic Director, Principal, HOD of All Departments, Faculties and Students of AD Department.

SUMMARY

On February 15, 2023, the Artificial Intelligence and Data Science department of Jyothi Engineering College held its 2nd Association Day for the academic year 2023-24. The primary focus was to welcome the new batch of students to the department and inaugurate the association for the year. The event, which commenced at 2 pm and concluded by 4 pm, fostered a sense of unity and collaboration within the department.

The proceedings began with a prayer song, followed by a welcome speech from Mr. Jayakrishnan A, the Faculty Advisor of AIDA. Rev. Fr. Jose Kannampuzha, the Academic Director, delivered the presidential address, while Mr. Dilip K Gopal, COO at Chisquare Labs, gave the inaugural address. The achievements of individuals were recognized, and badges were presented to the new Execom members of AIDA for the year 2023-24. Dr. Jose P Therattil, the Principal of JECC, and Mr. Bineesh M, HOD of the AD Dept, extended felicitations. The vote of thanks was delivered by Mr. Adithyan MP, the Chairman of AIDA, marking the formal conclusion of the event.

Trophies and mementos were awarded to students with the highest CGPA, including Chandini T S, Ardhra M A, Divya Pillai from S7 AD, Aparanna Joseph, John Davis, Jeslin Leela Mathew from S4 AD, and Liya M, Sneha Paul, Adharsh S from S2 AD. Staff achievements were also acknowledged, with Dr. Seenia Francis recognized for completing her PhD in Computer Science and Engineering from NIT Calicut, Dr. Anoop V for publishing a paper on Automated Biomedical Image Classification, and Ms. Parvathy Jyothi for her paper on Brain Tumor Segmentation and Classification.



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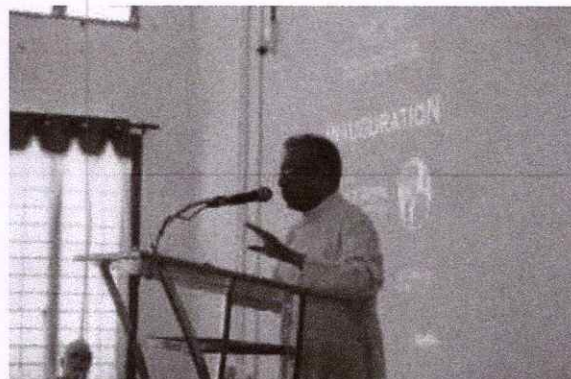

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Principal
Jyothi Engineering College
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The website for AIDA/AD department, developed by Sachin Raj M from S6 AD, was officially launched by Rev. Fr. Jose Kannampuzha. Mr. Dilip K Gopal, COO at Chi-square Labs, served as the keynote special guest and speaker, delivering a valuable session on entrepreneurship and its significance in the field, engaging the audience throughout.

AIDA Website Link: aidajecc.in

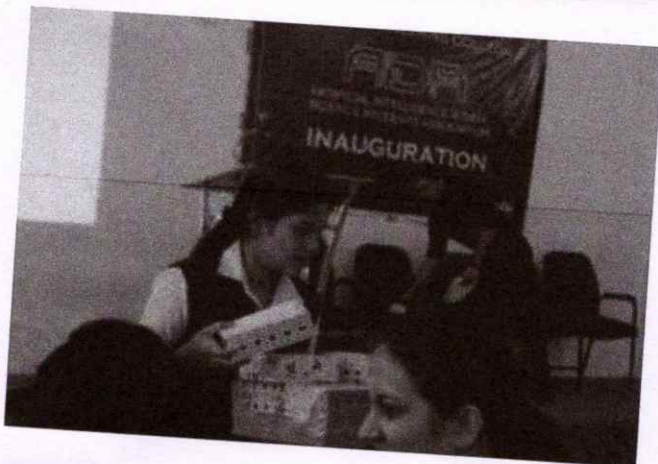
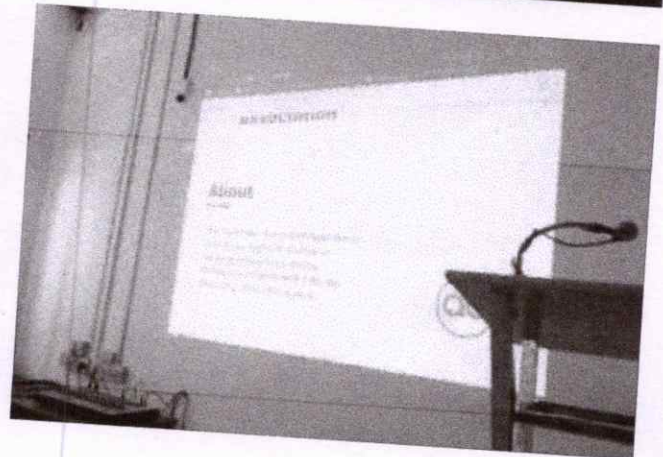
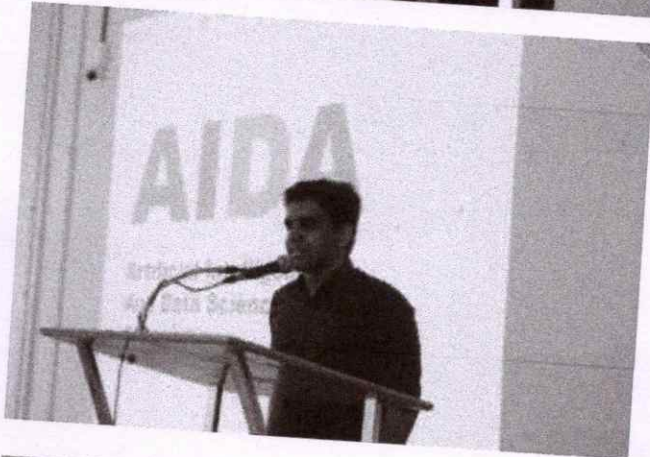
The day's highlights included the inauguration of the department association and the introduction of new members to the team. Following the guest session, a quiz conducted by AD department students added to the event's interactive nature. The event concluded by 4 pm, followed by the distribution of refreshments.

EVENT PHOTOS



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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

TALK ON Entrepreneurship

REPORT

(2023-2024)

Name of the event: Talk on Entrepreneurship

Date of the event: 15 February 2024

Location of the event: EAB 415

Special Guest: Mr. Dilip K Gopal- COO at Chi-square Labs

Invited people for the event: Academic Director, Principal, HOD of All Departments, Faculties and Students of AD Department.

SUMMARY

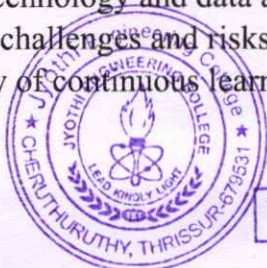
On 15th February 2024, an insightful and engaging invited talk on entrepreneurship was conducted in EAB 415. The session featured Mr. Dilip K. Gopal, the COO of Chi-square Labs, as the keynote speaker. This event aimed to inspire students and faculty by sharing practical insights and experiences about entrepreneurship and innovation in modern business landscapes.

The event was organized as part of the Memorandum of Understanding (MOU) signed between the Department of Artificial Intelligence and Data Science at Jyothi Engineering College. This collaboration aims to enhance the academic and professional growth of the program, and the talk was a significant step in this direction.


The event commenced with a warm welcome from the Academic Director, who emphasized the significance of fostering entrepreneurial mindsets among students. Following the introduction, Mr. Dilip K. Gopal took the stage to deliver his address.

During his talk, Mr. Gopal covered several key aspects of entrepreneurship, including:

- The importance of identifying market gaps and opportunities.
- Strategies for transforming innovative ideas into viable business models.
- The role of technology and data analytics in driving entrepreneurial success.
- Overcoming challenges and risks in startups.
- The necessity of continuous learning and adaptability in a competitive business environment.



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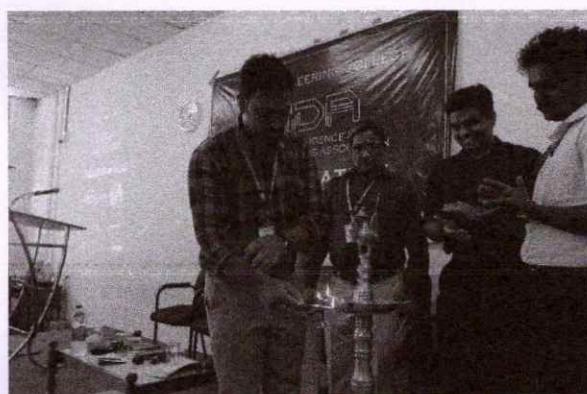

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Principal
Jyothi Engineering College
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Mr. Gopal's session was not only motivational but also filled with actionable insights. He shared real-world examples from his journey at Chi-square Labs, illustrating how perseverance and strategic planning can lead to impactful outcomes.

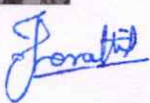
The session was attended by the Academic Director, Principal, HODs of various departments, faculty members, and a large number of students from the AD Department. The interactive Q&A session following the talk provided attendees an opportunity to clarify doubts and gain deeper understanding of entrepreneurial practices.

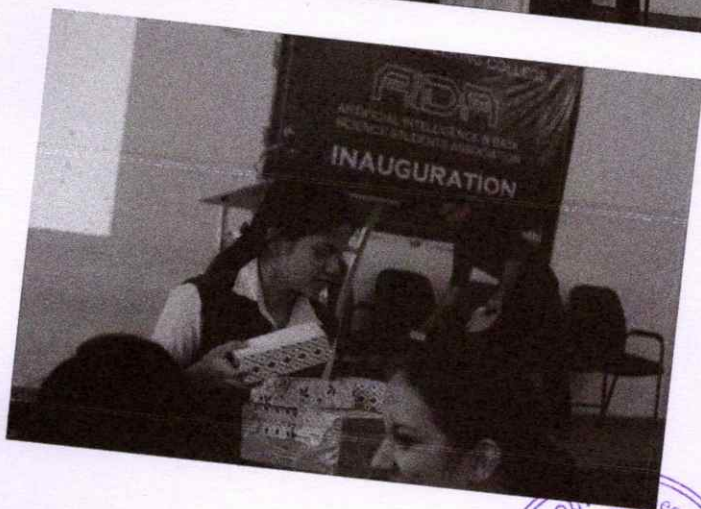
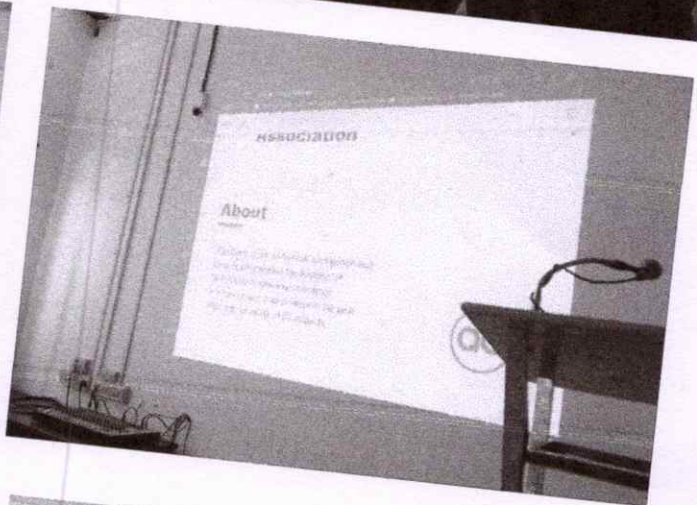
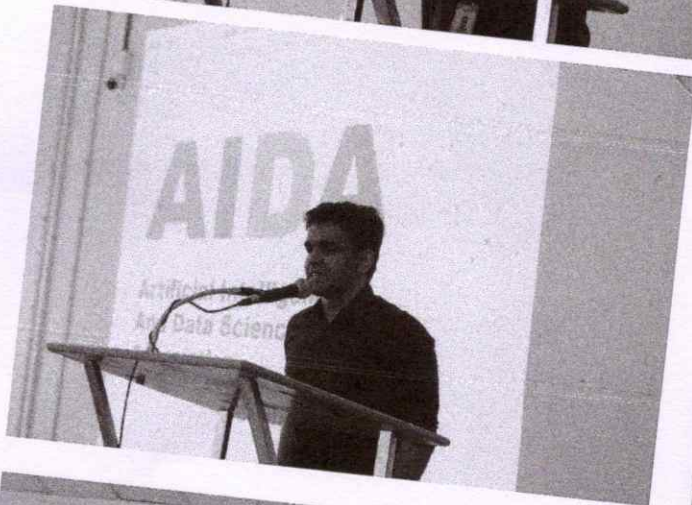
The event concluded with a vote of thanks delivered by the HOD of the AD Department, expressing gratitude to Mr. Dilip K. Gopal for his valuable time and inspiring words. The participants left the session with renewed enthusiasm and insights, making the event a resounding success.

EVENT PHOTOS



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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
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