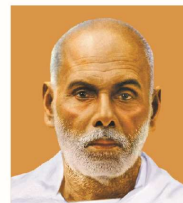


Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



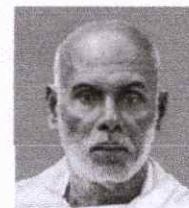
FDP



Est. 2003

Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



LIST OF FDP CONDUCTED

Sl No	Title	Resource Person	Date
1	Research Writing	Dr .Raji Sukumar A Mrs.Rahina Moidu	30/09/2023
2	Iot With Hands On Session	Mr. Kathiru Santhikumar	27/02/23-03/03/23
3	Training Program	Team Craft Success	17/09/2022
4	Technical Writing	Mrs Aswathi Sreejith	01/09/2022
5	Training Program	Team Craft Success	11/01/2019-12/01/2019


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR

Korom, Chalakkode P.O., Payyanur, Kannur - 670307

Managed by Sree Bhakthi Samvardhini Yogam, Talap, Kannur

Affiliated to APJ Abdul Kalam Technological University and Approved by AICTE



Faculty Development Program on Research Writing

Institution code:

SNC

RESOURCE PERSONS



Dr Raji Sukumar A

ASSOCIATE PROFESSOR
Department of CSE
SNGCET



Mrs Rahina Moidu

ASSISTANT PROFESSOR IN
PSYCHOLOGY,
RAYAN'S WOMEN'S COLLEGE

Co-ordinator

- Mrs Sharija P
AP CSE
- Mrs Anusha M
Lab Coordinator

Convenor

- Ms Varsha M
Assistant professor
CSE

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



30/09/23



9:30 AM



**TARGET AUDIENCE- ALL
TEACHING STAFF OF SNGCET**



hod.cs@sngcet.org



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY
KOROM, CHALAKKODE P.O., PAYYANUR, KANNUR - 670307.

30-09-23

Faculty Development Program on Research Writing

SL. NO.	NAME	DEPT.	SIGNATURE
1	RINSHA.T.V	EEE	
2	Sorhya V.C	ECR	
3	Rishna K Ramon	CE	
4	Shamya Sukumaran M	CE	
5	Abhilash Krishnam T.R	EEE	
6	Abhishek K	ME	
7	Tishnu V.N.	ME	
8	Rahul C.G	ME	
9	Thulasibai	CSE	
10	Revathi P	CE	
11	Dominic Thomas	ME	
12	Manu C	EE	
13	Deepesh M.p	CE	
14	Vani R	EC	
15	Vijina Vijayan	CSE	
16	Athira P	CE	
17	Aswath R	EEG	
18	Nimisha M.K.	CSE	
19	Shruthi P	CSE	
20	Meera M	ECE	

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PAYYANUR, KANNUR

[illegible]



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY
KOROM, CHALAKKODE P.O., PAYYANUR, KANNUR - 670307.

Afternoon Section

Date : 30-09-2023

Faculty Development Program on Research Writing

SL. NO.	NAME	DEPT.	SIGNATURE
1	Vijina Vyayan	CSE	
2	Bindiya. M. C	H&S	
3	Leena Narayanan	ECE	
4	Abhilash Krishnan T-R	EEE	
5	Jacob Thomas	ME	
6	Rahul. C. G	ME	
7	Abhirash. K	H&S	
8	Ashnu. V. N	ME	
9	Dominic Thomas	ME	
10	Athul Raj PP	ME	
11	Jim I	ME	
12	Meera. M	ECE	
13	Nani. K	ECE	
14	Soshya V. C	ECE	
15	Sathagya. P. S	ME	
16	Nimisha M. K.	CSE	
17	Varesha. M	CSE	
18	Thulasi	CSE	
19	Shamya Sukumaran. M	CE	
20	Prabha Chandan	EEE	

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PAYYANUR, KANNUR

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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY


EVENT PROPOSAL FORM

Submitted by the department of Computer Science and Engineering

I. TO BE FILLED BY THE EVENT COORDINATOR(S)

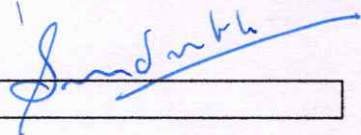
1	Event type	FDP
2	Event name	Faculty Development Program on Research Writing
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	No
4	Mode of conduct [online / offline]	offline
5	Date and time	30/09/2023 09:30am
6	Venue	Programming Lab
7	Whether any professional body is associated with the event? If yes, name the body	YES, IEDC
8	Participants / Target Audience	Teaching Faculty of SNGCET
9	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	No
10	Objectives of the event	Making the participants develop the basic attribute to write a good research paper.
11	Expected Outcomes	To provide participants with a comprehensive understanding of the research paper writing process, from choosing a research topic and conducting research to organizing the findings and writing the final paper.
12	Connected PO / PSO	Problem analysis Design/development of solutions: Conduct investigations of complex problems
13		

Leena
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PRINCIPAL
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ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

	Justification for PO / PSO [may use separate sheet if necessary]	<p>Problem analysis: Identify, formulate, review research literature, and analyze complex computer engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer engineering sciences.</p> <p>Design/development of solutions: Design solutions for complex computer engineering problems and design system components or processes that meet the specified needs considering public health and safety, and the cultural, societal, and environmental considerations.</p> <p>Conduct investigations of complex problems: Use knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.</p>
14	Name of the resource person(s)	Dr Raji Sukumar A
15	Designation of the resource person (may attach separate sheet to indicate the profile)	Associate Professor Department of CSE SNGCET
16	Resource requirements	Internet connectivity
17	Any fund from external source will be received? If yes, mention it.	NO
18	Whether budget for the event is attached? (use separate sheet to indicate the estimated budget)	NO
19	Any other relevant information	NO
20	Name of the event coordinator(s)	Mrs Sharija P (AP CSE), Mrs Anusha M (Lab Coordinator)
21	Dated signature of the coordinator(s)	 20/9/23

II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))


1	Comments on the relevance of the event	<i>Good impact program</i>
2	Recommendation [Put a tick ✓ on whichever is applicable]	<input checked="" type="checkbox"/> Recommended <input type="checkbox"/> Not Recommended
3	Name	<i>Panderi</i>

4	Dated Signature	
---	-----------------	---

COMMENTS FROM PRINCIPAL

APPROVED / NOT APPROVED

DATED SIGNATURE OF THE PRINCIPAL:


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Report of the Faculty Development Programme

“Faculty Development Program on Research Writing”


Faculty development programme was organized by the Department of Computer Science and Engineering in association with innovation entrepreneurship of Sree Narayana Guru College of Engineering and Technology on 30th September, 2023.

The inauguration was held on Seminar Hall. Ms. Sharija P (AP CSE) delivered the welcome speech and Introduction of resource person. Ms. Rahina Moidu (AP in Psychology at Rayan's women's college) was our chief guest. Ms. Varsha M (AP CSE) thanked the gathering through vote of thanks ceremony.

Ms. Rahina Moidu was held this wonderful session. The programme's goal is to improve the academic and intellectual environment in the institution by giving faculty members. This Faculty Development Programme has been designed with a sincere thought of providing a comprehensive view so as to be well-equipped with relevant knowledge and skill set. In today's stressful and competitive environment, it is also required for a teacher to have basic skills of counseling to help themselves going through any academic or behavioral issues.


After Lunch break, FDP concluded with the session in the Seminar Hall. Afternoon session was held by Dr. Raji Sukumar A on Programming Lab. Research is very important academic activity in higher education. She explained the concept of research, types of research. She gave the tricks regarding finding the literature review. She focused also on research language to be used while writing research paper. Finally she touched with the style of writing research paper. This programme was beneficial to all our teaching staff and teacher got the knowledge regarding language and style of writing research language. Total 35 participants were present for the said programme. They had been self-motivated to write the research paper in a qualitative manner.

Dr. Raji Sukumar A concluded the session. When Ms. Sharija P (AP CSE) welcomed the gathering, Ms. Varsha M of CSE rendered the vote of thanks.

PREPARED BY
Sharija P 


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



 GPS Map Camera



payyanur, Kerala, India
47R2+G8H, Kerala 670307, India
Lat 12.141529°
Long 75.250016°
30/09/23 09:50 AM GMT +05:30

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PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

POST EVENT ANALYSIS FORM

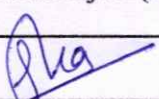
Submitted by the department of Computer Science and Engineering

I. TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type conducted	FDP
2	Event name	Faculty Development Program on Research Writing
3	Date and time of the event conducted	30/09/2023 09:30am
4	Venue	Programming Lab
5	Whether the event was interdepartmental? If yes, mention the department(s) associated with	No
6	Mode of conduct [online \ offline]	offline
7	Is there any deviation from the proposal in the date, time and venue of the event? If yes, mention the reason for change	No
8	Whether any professional body was associated with the event? If yes, name the body	YES, IEDC
9	Any funds received from the professional body? Indicate the amount	No
10	Participants / Target Audience	Teaching Faculty of SNGCET
11	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	No
12	Objectives of the event	Making the participants develop the basic attribute to write a good research paper.
13	Expected Outcomes	To provide participants with a comprehensive understanding of the research paper writing process, from choosing a research topic and conducting research to organizing the findings and writing the final paper.

PAGE 1 OF 2

Dr. Leena A V
Dr. LEENA A V
PRINCIPAL
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ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

15	Connected PO / PSO	Problem analysis Design/development of solutions: Conduct investigations of complex problems
16	Justification for PO / PSO [may use separate sheet if necessary]	Problem analysis: Identify, formulate, review research literature, and analyze complex computer engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer engineering sciences. Design/development of solutions: Design solutions for complex computer engineering problems and design system components or processes that meet the specified needs considering public health and safety, and the cultural, societal, and environmental considerations. Conduct investigations of complex problems: Use knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
17	Whether feedback forms from audience and resource person is collected?	NO
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	NO
19	Attainment level of outcomes	Specific and measurable statements that define the knowledge, skills, and attitudes learners will demonstrate by the completion of the session.
20	Name of the resource person	Dr Raji Sukumar A
21	Designation of the resource person(s)	Associate Professor Department of CSE SNGCET
22	Any other relevant information	NO
23	Name of the event coordinator(s)	Mrs Sharija P (AP CSE), Mrs Anusha M (Lab Coordinator)
24	Dated signature of the coordinator(s)	

II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

List of enclosures – To be maintained in the file

Sl No:	ITEM	AVAILABILITY [YES / NO]
1	Posters	Yes
2	Schedule of the event	Yes
3	Registration form sample copy	No
4	All registration forms duly filled and signed	
5	Profile of the resource person(s)	
6	Feedback forms filled by participants and resource person	
7	Feedback analysis sheet	
8	CO attainment calculation sheet	
9	Study Materials (if any)	No
10	Letters or printouts of e-mail communication relevant to the event	
11	Documents related to professional body associated with the event	
12	Photographs of the event	

1	Comments about the conduct of the event	Good comments received from participants
2	Comments about the resource person and impact of the event	good
3	Name	Indira ✓
4	Dated Signature	Indira

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:



Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY



Korom, Chalakkode P.O., Payyanur, Kannur - 670307

Managed by Sree Bhakthi Samvardhini Yogam, Talap, Kannur

Affiliated to APJ Abdul Kalam Technological University and Approved by AICTE

FIVE DAYS FDP ON IoT HANDS-ON TRAINING SESSION

**Jointly organized by the Department of Computer Science
and Engineering & Department of Electronics and
Communication Engineering**

General Coordinators

Sunder V, HoD CSE

Leena Narayanan, HoD ECE

Event Coordinators

Vijina Vijayan, AP CSE

Meera M, AP ECE

Institution code

SNC

Internet of things

IOT

27 February 2023 to 03 March 2023



www.sngcet.org



fdp_sng@sngcet.org

REGISTRATION FORM

FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON

IoT HANDS-ON SESSION

NAME:

Name of college/institution/organization:

Department:

Designation:

Contact No:

E-mail:

Declaration

I, hereby declare that the details furnished above are true to the best of my knowledge and agree to abide the rules and regulations governing body conducting this FDP

Place:

Date:

Signature of participant

NO OBJECTION CERTIFICATE

Certified that Mr/Mrs/Prof./Dr....., is the Faculty / PG Scholar/ PhD Scholar of this institution and will be permitted to attend the Five-Days Faculty Development Programme on "IoT- HANDS-ON SESSION" at Sree Narayana Guru College of Engineering and Technology, Payyanur from 27th February 2023 to 3rd March 2023, if selected.

Signature

Head of the Institution / Department

Sundar
HOD/CSE

ORGANIZING COMMITTEE

CHIEF PATRON

Sri. K P BALAKRISHNAN
[Hon'ble President, SBSY]

PATRONS

Sri. K P PAVITHRAN
[Hon'ble Secretary, SBSY]
Sri. T K RAJENDRAN
[Hon'ble Vice President, SBSY]

PRINCIPAL

Dr. LEENA A V

CONVENOR

Dr. SUSAN ABRAHAM
[DEAN UG/PG STUDIES, SNGCET]

COORDINATORS

Mrs. LEENA NARAYANAN, HOD - ECE
Mr. SUNDER V, HOD - CSE

CO-COORDINATORS

Ms. VIJINA VIJAYAN, AP CSE
Mrs. MEERA M, AP ECE

SUB COORDINATORS

Mrs. VARSHA M
Ms. NIMISHA M K
Mrs. THULASIBAI A
Mrs. VEENA K K
Mrs. HARITHA M V
Mrs. SRUTHI P
Mrs. THRISHNA S

Mrs. VANI R
Ms. ABHAYA D K
Ms. CHAITHANYA

TECHNICAL SUPPORT

Mr. SHAHITH P
Mr. RAVEESH KUMAR C P
Mr. SREEJITH K
Mr. NISHANTH K P
Mr. PRADEEP T V
Mrs. ANUSHA M
Mr. ROHITH M



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

FIVE DAYS FDP ON IoT WITH HANDS-ON SESSION

[BASED ON THE EIGHTH SEMESTER

KTU SYLLABUS OF CSE, ECE & EEE]



27/02/23 - 03/03/23



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Jointly organized by

Department of Computer Science & Engineering

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

Department of Electronics & Communication

ABOUT SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

Sree Narayana Guru College of Engineering & Technology, one of the prestigious technical institutions in North Malabar, was established in 2003. The Engineering college is fully equipped to meet the rising demands for greater facilities in the scenario of higher education. Since its inception, it has been true to the mission and the prophetic vision of the great Saint Sree Narayana Guru.



ABOUT THE DEPARTMENT

The Computer Science & Engineering (CSE) and the Electronics & Communication Engineering (ECE) Departments were established in the year 2003. The programs are approved by AICTE, New Delhi and affiliated to A.P.J. Abdul Kalam Technological University, Thiruvananthapuram.

INSTITUTION VISION:

A knowledge society promoting human excellence and enlightenment through effective technical education

INSTITUTION MISSION:

To provide technical education of the highest quality and standard of excellence for socio-economic progress embedded in clearly articulated values and supported by commitments

ABOUT THE FDP

Objectives of the event:

- Aims to develop skills in IoT system development and to apply the same in real life applications.
- To design smart IoT application for real world problems using Raspberry Pi.

Expected Outcomes:

- **CO1-** Understand the IoT fundamentals and architecture modelling.
- **CO2-** Familiarize the tools such as Arduino, MIT App Inventor, PYTHON IDE, Sublime Text editor, Google Colab etc.

FDP Topic Includes:

- Embedded System development
- Circuit Lab
- ATmega328 Microcontroller with Sensor interfacing
- Node MCU with IoT cloud communication
- Android App development using MIT App Inventor
- Machine learning techniques using Google Colab
- Raspberry Pi PYTHON programming
- Web App Development using PYTHON Flask

WHO CAN APPLY?

The FDP is open to Faculty members of Engineering colleges, Research Scholars, PG students and Professionals from research organizations and industries.

GENERAL INSTRUCTIONS

- The number of participants is limited to 25, and hence the participants will be selected on first come first serve basis.
- Duly filled registration forms signed by the respective Head of the Institution/Department is mandatory for participation.
- The form should be submitted through the Google form registration link given in the brochure.
- The selected participants will be intimated through e-mail.
- **Accommodation facility will be provided on prior request subject to availability and on a payment basis.**

Resource Person

Mr. KATHIRU SANTHIKUMAR

M.Tech in Signal Processing

Chief Executive Officer

ALGTHINKFOTECH Innovations

Contact Details

Website: www.sngcet.org

E-mail: fdp_sng@sngcet.org

FDP Coordinators:

- ✓ Vijina Vijayan: 9400355619
- ✓ Meera M: 8075930653
- ✓ Abhaya DK: 6282245052
- ✓ Nimisha MK: 9496831774

REGISTRATION LINK:

<https://forms.gle/PxYuU97GdwwTTNfr9>

Registration Fee : NIL

Last date of Registration: 21/02/23

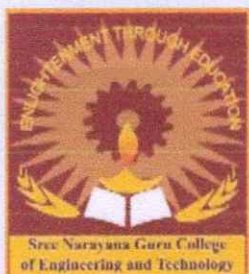
Intimation of selection

(through e-mail): 23/02/23

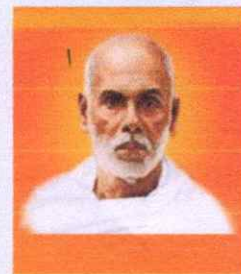
(Limited to 25 participants only)

Dr. LEENA A V
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
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PAYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,
PAYYANUR, KANNUR



FIVE DAYS FDP ON IoT WITH HANDS-ON SESSION

INAUGURAL FUNCTION

PROGRAMME SCHEDULE

TIME: 09.30 AM

VENUE: MEETING HALL

PRAYER

WELCOME ADDRESS:

Mrs. LEENA NARAYANAN, HoD ECE

PRINCIPAL'S ADDRESS:

Dr. LEENA A V, PRINCIPAL

INTRODUCTION OF THE CHIEF GUEST:

Ms. VIJINA VIJAYAN, AP CSE

**INAUGURATION BY LIGHTING THE LAMP
FOLLOWED BY INAUGURAL ADDRESS:**

**Dr. VINOD POTTAKULATHU,
PRINCIPAL COLLEGE OF
ENGINEERING: TRIKKARIPUR,
CETKR**

INTRODUCTION OF THE RESOURCE PERSON:

Mrs. MEERA M, AP ECE

FELICITATION ADDRESS:

Dr. SUSAN ABRAHAM, DEAN

Mr. JACOB THOMAS, HoD ME

Mr. NIKHIL M, HoD S&H

DISTRIBUTION OF MEMENTO

VOTE OF THANKS:

Prof. SUNDER V, HoD CSE

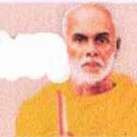
*"The Internet of Things is not a concept; it is a network, the true
technology - enabled Network of all networks"*

*Sunder V
HoD/CSE*

Leena
**Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR**



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY



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Managed by Sree Bhakthi Samvardhini Yogam, Talap, Kannur

Affiliated to APJ Abdul Kalam Technological University and Approved by AICTE

FIVE DAYS FDP ON IoT HANDS-ON TRAINING SESSION

Jointly organized by the Department of CSE & ECE

Our Chief Guest



Dr. Vinod Pottakulath

Principal

College of Engineering, Trikaripur

Institution code

SNC

Sandeep
HOD/CSE



: 27th Feb 2023



: Meeting Hall(Admin Block)

Leena

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



: www.sngcet.org



: fdp_sng@sngcet.org



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FIVE DAYS FDP ON IoT HANDS-ON TRAINING SESSION

Jointly organized by the Department of CSE & ECE

VALEDICTORY FUNCTION

CHIEF GUEST

Institution code

SNC



*Sundar
HOD/CSE*

Mr. Premachandran K E
DySP, Payyanur

2023 March 3rd Friday @ 03:00 PM

Venue: Meeting Hall

Leena
DR. LEENA A V
PRINCIPAL

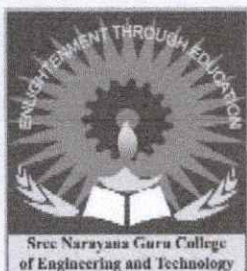
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ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR**



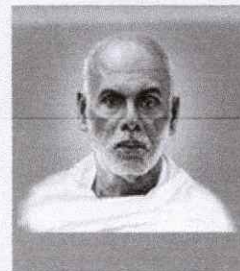
www.sngcet.org



info@sngcet.org



**SREE NARAYANA GURU COLLEGE OF ENGINEERING
& TECHNOLOGY**



VALEDICTORY CEREMONY

FIVE DAYS FDP ON IoT JOINTLY ORGANIZED BY THE DEPARTMENT OF CSE & ECE

03rd MARCH 2023

AGENDA

TIME: 3.00 PM

VENUE: MEETING HALL

PRAYER

Mrs. VARSHA M

WELCOME SPEECH:

Mr. SUNDER V, HoD CSE

PRESIDENTIAL ADDRESS:

Dr. LEENA A V, PRINCIPAL

INTRODUCING THE CHIEF GUEST:

Mrs. HARITHA M V, AP CSE

CONCLUDING REMARKS ABOUT THE FDP:

Mrs. LEENA NARAYANAN, HoD ECE

VALEDICTORY ADDRESS:

Mr. PREMACHANDRAN K E, DySP, PAYYANUR

**CERTIFICATE DISTRIBUTION TO THE FDP
PARTICIPANTS & THE RESOURCE PERSON:**

Mr. PREMACHANDRAN K E, DySP, PAYYANUR

**MEMENTO DISTRIBUTION TO THE CHIEF
GUEST:**

Dr. LEENA A V, PRINCIPAL

FEEDBACK FROM PARTICIPANTS

VOTE OF THANKS:

Ms. ABHAYA D K, AP ECE

NATIONAL ANTHEM

PHOTO SESSION

SIGNING WITH NATURE (PLANTING THE PLANT)

"PROGRESS THROUGH EDUCATION AND STRENGTH THROUGH ORGANISATION"

~ SREE NARAYANA GURU

Sunder V
HoD/CSE

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

EVENT PROPOSAL FORM

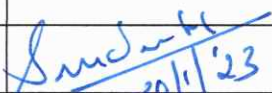
**Submitted by the department of: COMPUTER SCIENCE AND ENGINEERING,
ELECTRONICS AND COMMUNICATION ENGINEERING**

I. TO BE FILLED BY THE EVENT COORDINATOR(S)

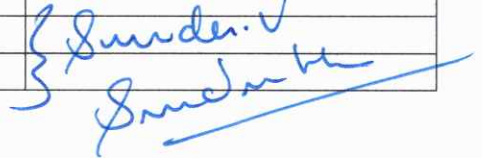
1	Event type	Faculty Development Program
2	Event name	Faculty Development Program on Internet of Things
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	Yes Jointly occurred Computer Science and Engineering, Electronics and Communication Engineering
4	Mode of conduct [online / offline]	Offline
5	Date and time	27/02/2023-03/03/2023, 9.30 AM – 4.00 PM
6	Venue	Inauguration and Valedictory function - meeting hall Workshop - Scientific computing lab
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	Outside and inside participants
9	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	No
10	Objectives of the event	<ul style="list-style-type: none"> Aims to develop skills in IoT system development and to apply the same in real life applications. To design smart IoT application for real world problems using Raspberry Pi.
11	Expected Outcomes	CO1- Understand the IoT fundamentals and architecture modelling. CO2- Familiarize the tools such as Arduino, MIT App Inventor, PYTHON IDE, Subline Text editor, Google Colab etc.
12	Connected PO /	PO1: Engineering Knowledge

PAGE 1 OF 2

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	PSO	PO2: Problem Analysis PO3: Design/Development solutions PO12: Life long learning
13	Justification for PO / PSO [may use separate sheet if necessary]	To attain computer science specific skills and programming and software development skills
14	Name of the resource person(s)	Mr Kathiru Santhikumar
15	Designation of the resource person (may attach separate sheet to indicate the profile)	Chief Executive Officer ALCTHINKFOTECH Innovations
16	Resource requirements	Arduino(APP), IDE PYTHON(APP), Raspberry Pi. Node MCU, Arduino UNO(Borad)
17	Any fund from external source will be received? If yes, mention it.	No
18	Whether budget for the event is attached? (use separate sheet to indicate the estimated budget)	No
19	Any other relevant information	Nil
20	Name of the event coordinator(s)	Mr Sunder V , Ms Leena Narayanan
21	Dated signature of the coordinator(s)	 30/1/23

II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

1	Comments on the relevance of the event	<i>Highly Relevant</i>
2	Recommendation [Put a tick ✓ on whichever is applicable]	Recommended ✓ Not Recommended
3	Name	<i>Sunder V</i>
4	Dated Signature	

COMMENTS FROM PRINCIPAL


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SREE NARAYANA GURU COLLEGE OF ENGINEERING **& TECHNOLOGY**

FDP ON IoT WITH HANDS-ON SESSION [BASED ON S8 ECE/EEE/CSE KTU SYLLABUS]

Jointly organized by the

Department of Computer Science and Engineering

&

Department of Electronics and Communication Engineering

DATE OF EVENT: 27TH FEB 2023 to 03RD MAR 2023

Various committees and its duties

All the teaching and non-teaching faculty of both the departments are expected to extend their full support and participation throughout the event for its successful conduct. The committee formed here and its duties and responsibilities are to distribute the workload. All the functions of various committees are considered as primary and essential. Apart from this the committee members are to carry out and discharge any other duties as and when the situation demands.

SL No:	COMMITTEE NAME	IN-CHARGE	DUTIES & RESPONSIBILITIES
1	General Coordinators	<ul style="list-style-type: none">➤ Mrs. Leena Narayanan➤ Mr. Sunder V	<ul style="list-style-type: none">✓ Overall Monitor and coordination of the event
2	Event Coordinators	<ul style="list-style-type: none">➤ Mrs. Meera M➤ Ms. Vijina Vijayan	<ul style="list-style-type: none">✓ Managing and coordinating all the activities and functions of various committees✓ Preparation on event proposal and Post event analysis form✓ File maintenance of all related documents✓ Finance Control
3	Registration	<ul style="list-style-type: none">➤ Ms. Nimisha M K➤ Mrs. Haritha M V	<ul style="list-style-type: none">✓ Sending confirmation mail to participants✓ Managing registration desk on the day of the event✓ Purchase & distribution of registration kit✓ Timely informing the participants whenever any information are to be passed✓ Preparation of attendance sheet for

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			all days and handing over the same to the technical committee
4	Resource Person	➤ Mrs. Vani R	<ul style="list-style-type: none"> ✓ Preparing the schedule for the event on all days ✓ In-charge of providing excellent hospitality to the resource person ✓ Coordinating with the technical team and providing the requirements as requested by the resource person
5	Food, Accommodation & Transport	<ul style="list-style-type: none"> ➤ Mrs. Veena K K ➤ Ms. Abhaya D K ➤ Mr. Rohith M 	<ul style="list-style-type: none"> ✓ Arranging the tea and snacks for two times a day and lunch in the afternoon ✓ Make sure about the timely readiness of the food ✓ Proper arrangement of the venue for serving the food and making sure that they are clean at all the times ✓ Proper waste management ✓ Water availability at the venue ✓ Guiding the participants in case if they require our college bus service
6	Venue Management	<ul style="list-style-type: none"> ➤ Mrs. Thrishna S ➤ Mrs. Varsha M ➤ Mrs. Anusha M 	<ul style="list-style-type: none"> ✓ Coordination of the inaugural and valedictory function ✓ Arrangement of the hall ✓ Projector and laptop ready for display ✓ Gurudevan's photo, Lamp and flowers for inaugural ceremony ✓ Agenda ✓ Prayer ✓ Master of Ceremony ✓ Welcome flowers for inauguration and valedictory functions ✓ Arrangement for


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			Photo session ✓ Taking required photos at meeting hall and during lab sessions
7	Technical Support	➤ Mr. Shahith P ➤ Mr. Nishanth K P ➤ Mr. Sreejith K ➤ Mr. Raveesh Kumar C P	✓ Making the lab ready for the event ✓ Proper maintenance and support during the event ✓ Assisting the participants as and when required ✓ Providing services to the resource person based on their request ✓ Making the projector, writing board and other related items ready at the lab ✓ Maintaining the attendance sheet received from the registration committee
8	Media & Guest Management	➤ Mr.Pradeep K	✓ Preparing the news to publish in the prominent newspaper (pre-event, post event and after inauguration) ✓ Providing hospitality to the chief guest
9	Certificate & memento	➤ Mrs. Thulasibai A	✓ Making all the certificates ready before the last day of the event ✓ Making the memento ready for the chief guest and to Mr. Sarang P (brochure designer)
10	Report Writing	➤ Ms. Chaithanya ➤ Mrs. Sruthi P	✓ Making a detailed report of the event ✓ Collection of feedback form and analyzing the same

HoD CSE & HoD ECE

[Signature] *[Signature]*

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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY :

**Promoted by Sree Bhakthi Samvardhini Yogam
(Affiliated to KTU, Recognised by AICTE)**

**DEPARTMENT OF COMPUTER AND SCIENCE AND ENGINEERING
&
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON IoT WITH HANDS-ON SESSION
PROPOSED SCHEDULE**

VENUE	Inaugural Ceremony & Valedictory Function- Meeting Hall
	IoT Sessions - Scientific Computing Lab

DATE	FORENOON [9.30 AM-12.30 PM]	AFTERNOON [1.15 AM -3.45 PM]
27th Feb 2023	INAUGURAL CEREMONY (9:30AM - 10:00AM)	Practical session on Circuit Designing on Bread Board
	SESSION STARTS AT 10.05AM	
	Theory session on Introduction to Embedded System and Embedded Circuits	
28th Feb 2023	Practical session on Microcontroller Programming (Session 1)	Practical session on Build a Bluetooth controlled and Line following robot (Session 1)
01st Mar 2023	Theory session on Android Application Development	Theory session on Microcontroller Programming (Session 2)
02nd Mar 2023	Theory session on Introduction to Python programming	Theory session on Python programming
03rd Mar 2023	Theory Session on Introduction to Raspberry Pi Python Programming	FEEDBACK [2.00 PM - 2.30 PM]
		VALEDICTORY FUNCTION, CERTIFICATE DISTRIBUTION & PHOTO SESSION [2.30 PM - 3.30 PM]

TEA BREAK (MORNING)	11.00 AM - 11.15 AM
LUNCH	12.30 PM - 1.15 PM
TEA BREAK (EVENING)	2.45 PM - 3.00 PM

Sundar
HOD/SC
COORDINATOR

Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

Curriculum Vitae



Kathiru Santhikumar

Chief Executive Officer

ThinkFoTech Innovations

KINFRA Park, Chungam, Kannur

PIN: 670107

Kathiru.santhikumar@gmail.com

+91 7293646756

DOB: 14-10-1992

RESEARCH INTEREST

- Image processing, Embedded Systems, Machine Learning, IoT projects, Robotics.
- **Software used:** Python, Matlab, ModelSim, MPLAB, keil, Arduino, MIT App Inventor.
- **Hardware used:** Raspberry Pi, PIC, 8051, Atmega, NodeMCU, Arduino.

EDUCATION

- **M.Tech in Signal Processing**, 2018 - *APJ Abdul Kalam Technological University*
- **B.Tech in Electronics and Communication Engineering**, 2014 – *Cochin University of Science and Technology*
- **+2 in Biology Science**, 2010 – Kerala board of higher secondary education

PROFESSIONAL AFFILIATIONS

- **Chief Executive Officer**, ThinkFoTech Innovations
- **Chief Technology Officer**, ALG International
- **Technical Manager**, Megasun Qatar Tanning salon.
- **Atal Tinkering Lab Trainer**, GHSS Chattukappara

CAREER SUMMARY

- **2022:** Developed **Megatron TMS**, a transformer monitoring system developed for Bangalore Electricity Supply Company limited (BESCOM). The system collects transformer parameters such as Line Voltage, Oil level and Oil temperature. Also the system sends the information to the control room through internet. If any abnormalities detected, system sends alert message to maintenance department.

- **2021:** Developed **Tomo**, a welcome robot for **RIMS International school**, varam kadavu, Kannur. The robot can detect people in front of him, then he will move towards them and will give **shake hand**. Also which have **voice recognition facility**, so he will respond according to voice, like GK questions and directions to principal's office, canteen and toilet etc.
- **2020 :** Developed **Tomodachy** , a robot that instantly transfer patient's information to doctors and nurses from COVID ward at the **Kannur Government Medical College Hospital in Pariyaram**. **Health Minister K.K Shylaja** inaugurated it through videoconference. We got appreciation from lot of newspapers and News channels and in **Indian Express**, they wrote : "This was the first robotic system in the kerala state to automatically identify a patient's bed and then transfer information regarding the said patient's to the doctor immediately".
- **2020:** Developed Automation system to control electrical equipment through android phone to assisting users in covid fight.
- **2020:** Developed Automatic Hand wash and Sanitizer Dispenser system to fight against **COVID 19**.
- **2019 :** Upgrade the tanning machine automation hardware with wireless technology using ATmega328 microcontroller.
- **2018 :** Designed user-friendly online software for **megasun Qatar tanning salon** and developed with the help of **RedMango Technologies**.
- **2018 :** Developed tanning machine automation hardware using PIC16F877A for **Megasun Qatar tanning salon**.
- **2018 :** Developed RFID card reader system and its software to interface with PC.
- **2018 :** Developed Arduino Trainer Kit for BSc and Engineering Colleges.
- **2018 :** Changes the name of firm to **ThinkFoTech Innovations**.
- **2017 :** Developed automatic school bell for **VHSC school kadiroor**.
- **2015 :** Joined **M.Tech** in signal processing at college of engineering thalassery.
- **2014 :** **Business partner** with BITSFORGE TECHNOLOGIES PVT LTD.
- **2014 :** Founded an Embedded System Firm **THINK TECHNOLOGIES**.

TRAININGS CONDUCTED

- **2022:** Expert talk on application of **embedded system and Artificial Intelligence** for final year students in Information technology in **college of engineering Thalassery**.
- **2022:** Conducted 3 days robotics workshop for 3rd year electronics and communication students in **St. Thomas College of Engineering & Technology, Sivapuram**.
- **2022:** Conducted 14 days industrial training in embedded system for first year electronics students in **government poly technic college, kasargod**.
- **2022:** Conducted 5 days Robotics training for final year electronics and communication students in **IES College of Engineering, in Chittilappilly**.
- **2022:** Online webinar in Application of artificial intelligence for **Seethi Haji Memorial Vocational Higher Secondary School-Edavanna** students.
- **2022:** Online webinar in Application of artificial intelligence for **REC GVHSS CHATHAMANGALAM – Kozhikode** students.
- **2021:** conducted 4 day webinar on the topic **Arduino and raspberry pi based embedded system development** for final year electronics students in college of engineering Thalassery.
- **2020:** Workshop on Android Application Development, Arduino programming, PCB designing and prototyping and **academic project development** for final year students in **Government Women's polytechnic college, Kayamkulam**.
- **2020:** Workshop on Arduino programming, PCB designing and prototyping and **academic project development** for final year students in Government polytechnic college, **Kasargod**.
- **2019:** Expert Talk on **8051 Microcontroller** Interfacing, block schematic and assembly language programming. For third year Electronics students in **thalassery engineering college**.
- **2019:** Conducted three day workshop on "**Embedded System and Raspberry Pi**" at College of Engineering **Thalassery** for final year IT students.
- **2019 :** Conducted three day hands-on training on "**Embedded System and Raspberry Pi**" at College of Engineering **Trikaripur** for final year IT students.

- **2019** : Expert Talk on **Applications of Embedded system** for selected final year students in College of engineering thalassery organized by **placement cell**.
- **2019** : Workshop on Arduino programming , PCB board designing and Prototyping for final year Electronics students in **Periya Poly**.
- **2018** : Workshop on Arduino programming for final year ECE in **MIT Anjarakkandy**.
- **2017** : Workshop on Matlab programming for 3rd year ECE in College of Engineering and Technology **Trikaripure**.
- **2017** : Workshop on PCB board designing and prototyping for final year electronics students in **periya poly**.
- **2016** : **PSPICE, ORCAD, VHDL Course** for first year ECE, EEE KTU batch in College of Engineering and Technology **Trikaripure**.
- **2016** : **MATLAB Course** for final year ECE in College of Engineering and Technology **Payyanur**.
- **2016** : **PYTHON, PIC Course** for final year ECE in College of engineering **Vadakara**.
- **2016** : **PIC Course** for final year ECE in College of Engineering Thalassery.
- **2015** : **MATLAB, PYTHON Course** for final year EC in College of engineering and Technology **Trikaripure**.
- **2015** : **PIC, ARM Course** for final year ECE in College of engineering and Technology **Trikaripure**.
- **2015** : **PIC, ANDROID Course** for final year ECE in **MIT Anjarakkandy**.
- **2015** : **PIC, ARM Course** for final year ECE in College of Engineering Thalassery.

DECLARATION

I hereby declare that the information produced above is true to best of my knowledge and belief.

Place: **Thalassery**

Date: **02/03/2023**

Santhikumar
HOD/EC

Kathira Santhikumar

Parthi

Leena



SREE NARAYANA GURU COLLEGE OF ENGINEERING **& TECHNOLOGY**

FDP ON IoT WITH HANDS-ON SESSION BASED ON S8 ECE/EEE/CSE KTU SYLLABUS

Jointly organized by the

Department of Computer Science and Engineering

&

Department of Electronics and Communication Engineering

DATE OF EVENT: 27TH FEB 2023 to 03RD MAR 2023

List of Participants

SLNO	NAME
1	Dr. Mahesh V.V, Associate Professor, ECE, College of Engineering , Trikaripur
2	Mr. Ratheesh T, AP, ECE, College of Engineering, Trikaripur
3	Ms. Huda Noor Dean, AP, CSE, College of Engineering , Trikaripur
4	Mr. Shabin P, AP, ECE, College of Engineering, Thalassery
5	Ms. Jyothi K, AP, ECE, College of Engineering, Trikaripur
6	Ms. Lekshmi S, AP ECE, Vimal Jyothi Engineering College, Chemperi
7	Ms. Shimna P K, AP ECE, Vimal Jyothi Engineering College, Chemperi
8	Ms. Leena Narayanan, HOD/AP, ECE ,SNGCET, Payyanur
9	Mr. Sunder V, HOD/ AP, CSE ,SNGCET, Payyanur
10	Mrs. Meera M, AP, ECE ,SNGCET, Payyanur
11	Ms. Vijina Vijayan, AP, CSE ,SNGCET, Payyanur
12	Ms. Nimisha M K, AP, CSE ,SNGCET, Payyanur
13	Mrs. Haritha M V, AP, CSE ,SNGCET, Payyanur
14	Mrs. Vani R, AP, ECE ,SNGCET, Payyanur
15	Mr. Rohith M, CSE, SNGCET, Payyanur
16	Ms. Abhaya D K, AP, ECE ,SNGCET, Payyanur


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18	Mrs. Anusha M, CSE, SNGCET, Payyanur
19	Mrs. Varsha M, AP, CSE, SNGCET, Payyanur
20	Mrs. Thrishna S, AP, ECE, SNGCET, Payyanur
21	Mr. Shahith P, ECE, SNGCET, Payyanur
22	Mr. Nishanth K P, CSE, SNGCET, Payyanur
23	Mr. Sreejith K, ECE, SNGCET, Payyanur
24	Mr. Raveesh Kumar C P, ECE, SNGCET, Payyanur
25	Mr. Pradeep K, CSE, SNGCET, Payyanur
26	Mrs. Thulasibai A, AP, CSE, SNGCET, Payyanur
27	Ms. Chaithanya K P, AP, ECE, SNGCET, Payyanur
28	Mrs. Shruthi P, AP, CSE, SNGCET, Payyanur

Sundarsh
HOD/EC

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FEEDBACK FORM

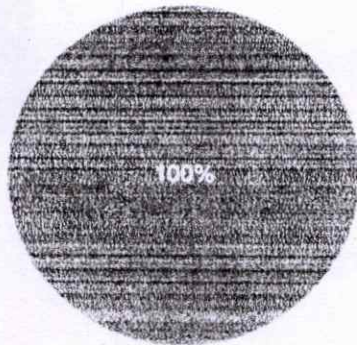
8 responses

[Publish analytics](#)

How would you rate the organization and structure of the FDP program?

 Copy

8 responses



- ☒ Very well organized
- ☐ Moderately organized
- ☐ Somewhat disorganized
- ☐ Poorly organized

What aspects of the FDP program do you think could be improved?


 Copy

8 responses



- ☒ Content
- ☐ Instructors/facilitators
- ☐ Level of interaction and engagement
- ☐ Organization and structure
- ☐ NIL

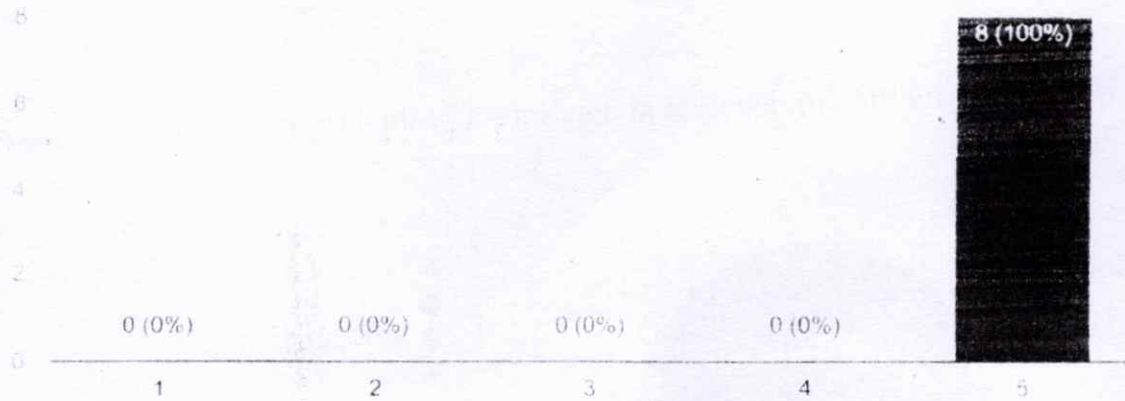
Sandesh
Hop/4/23


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How do you rate the hospitality provided?

☐ Copy

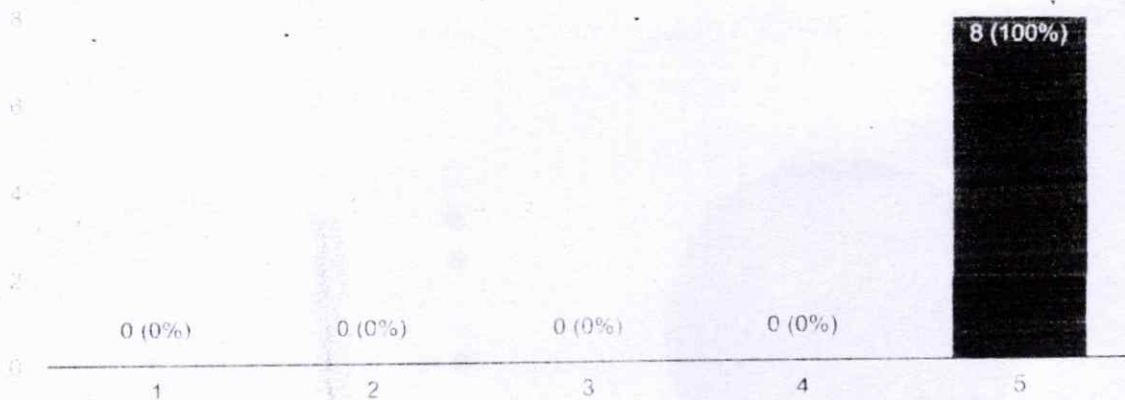
8 responses




How do you rate the knowledge level of the resource person?

☐ Copy

8 responses



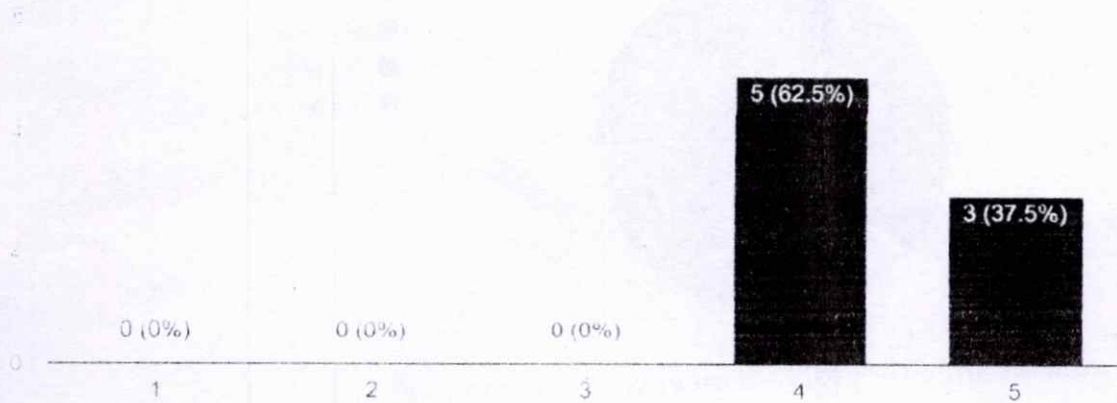

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FEEDBACK FORM

How would you rate the relevance of the FDP program to your field of work/study?

☐ Copy

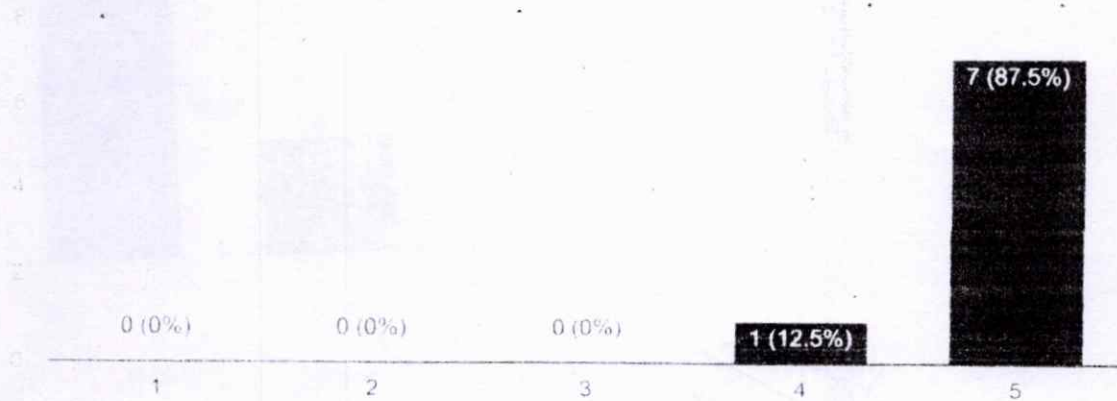
8 responses



How do you rate the overall setup of the FDP programme?

☐ Copy

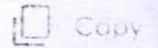
8 responses



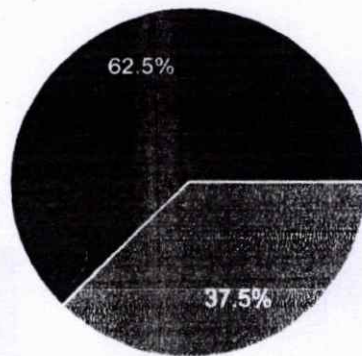
Sandesh
HOD/UG

Leena
-DR. LEENA A V
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How would you rate the depth of the content covered in the FDP program?



8 responses

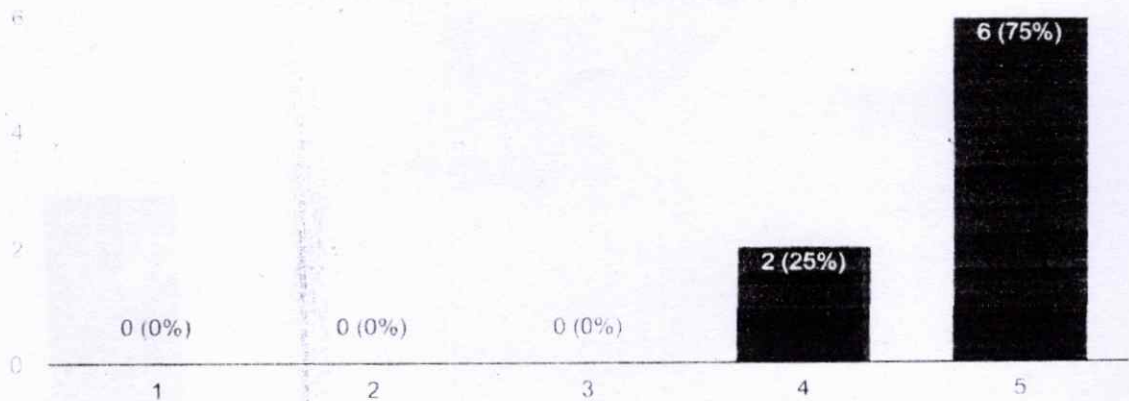


- Very deep
- Moderately deep
- Superficial
- Not deep enough

How well did the FDP program meet your expectation?



8 responses



Sumith
HOD/IT

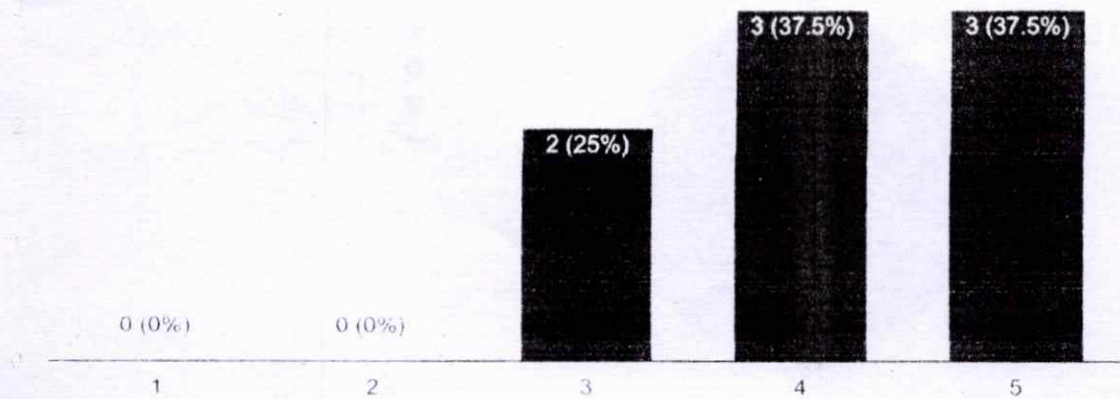
Leena

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How do you rate the quality of the refreshment and lunch provided?

☐ Copy

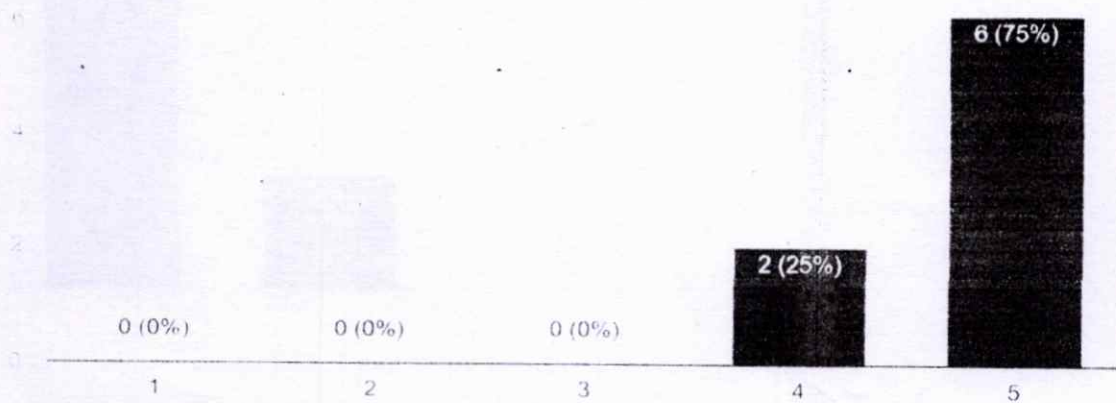
8 responses



Rate the Overall ambience of the lab where FDP was conducted

☐ Copy

8 responses



Sundarsh
HOD/CSE

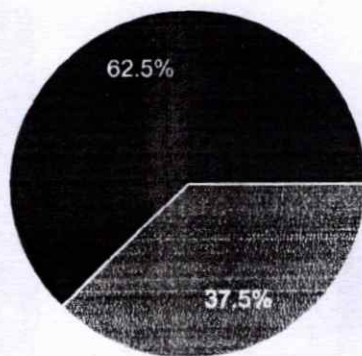
Leena





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How would you rate the depth of the content covered in the FDP program?

 Copy

8 responses

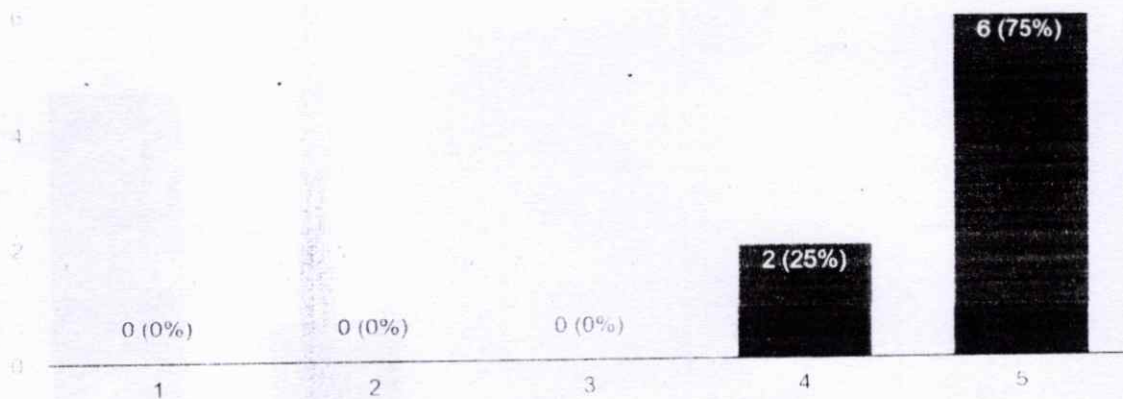


-  Very deep
-  Moderately deep
-  Superficial
-  Not deep enough

How well did the FDP program meet your expectation?

 Copy

8 responses



Sandeep
HOP/UG

Leena

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PAYANUR, KANNUR

What other topics would you like to have as FDP in future at our college?

8 responses

Medical image processing using deep learning

VLSI design

Image Processing with hands on

Image processing

Biomedical image processing using Deep learning

lot advanced

lot with AI

lot protocols

Any other comments

3 responses

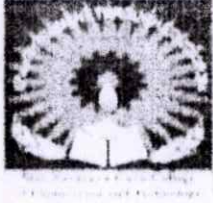
Very good experience

Over all very good experience

Nil

Sundar k
HOD/UG

Leena
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DEPARTMENT OF COMPUTER AND SCIENCE AND ENGINEERING
&
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON IoT WITH HANDS-ON SESSION
ATTENDANCE SHEET

Day : 1

Session : FN & AN

Date : 27/02/2023

SL. No.	Name	Email Id	Contact Number	College Name	Department	Signature
1	Jyothi. K	jyothik@catkr.ac.in	9539390919	College of Engg Trikaripur	ECE	
2	Huda Noorhan	huda5102@yahoo.com	9697021630	College of Engg. Trikaripur	CSC	
3	Ratheesh T	ratheeshcet@gmail.com	9847690280	College of Engineering Trikaripur	ECE	
4	Mahesh V.V.	maheshvv@gmail.com	9447685090	CE Trikaripur	ECB	
5	Shabin P	shabinpp@gmail.com	9895495451	CE Thelassery	ECE	
6	Leena Narayanan	leenanarayanan@sngcet.org	9746044626	SNGCET	ECE	
7	Meera M	meeram@sngcet.org	9495336283	SNGCET	ECE	

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PAYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

Promoted by Sree Bhakthi Samvardhini Yogam

(Affiliated to KTU, Recognised by AICTE)

DEPARTMENT OF COMPUTER AND SCIENCE AND ENGINEERING

&

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON IoT WITH HANDS-ON SESSION

ATTENDANCE SHEET

Day : 2

Date : 28/2/23

Session : FN & AN

SL. No.	Name	Email Id	Contact Number	College Name	Department	Signature
1	Shabin P	shabinpp@gmail.com	9895495451	COE, Thalassery	ECC	
2	Shimna P.K	shimna@vjec.ac.in	9895304700	VJEC, Chempazhathi	E.C.E	
3	Lekshmy S	lekshmyhari@vjec.ac.in	9445811875	VJEC, Chempazhathi	E.C.E	
4	Leena Narayanan	leena.narayanan@sngcet.org	9746044628	SNGCET, Payyanur	ECE	
5	Chaitanya K P	chaitanyakp@sngcet.org chaitanyakp@gmail.com	9567741147	SNGCET, Payyanur	ECE	
6	Thrishna S	thrishna@sngcet.org	9496271164	SNGCET, Payyanur	ECE	
7	Meera M	meeram@sngcet.org	9495336283	SNGCET, Payyanur	ECE	

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SL. No.	Name	Email Id	Contact Number	College Name	Department	Signature
8	Thulasi	thulasi bai@sngcet.org	7558945660	SNGCET, KOROM	CSE	
9	Anusha M	anusham@sngcet.org	9995452471	"	"	
10	Shruthi P	shruthi p@sngcet.org	9061534320	"	CSE	
11	Abhaya D	abhaya d@sngcet.org	9058471912	"	ECE	
12	Ratheesh T	rathesh t cet@gmail.com	9847690280	CEE Trikarpur	ECE	
13	Meeshesh V.V.	meeshesh v v@gmail.com	9447685080	CE Trikalipur	ECE	
14	Jyothik K	jyothik k@cetkr.ac.in	9539320912	CE Trikarpur	ECE	
15	Hrida NoorDeen	hrida510@yahoo.com	9697021630	CE Trikarpur	CSE	
16	Vyina Vyayan	vyinavayan@sngcet.org	9400355619	SNGCET.org	CSE	

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FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON IoT WITH HANDS-ON SESSION
ATTENDANCE SHEET


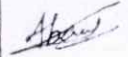

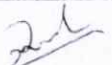


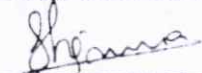

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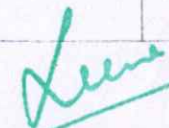
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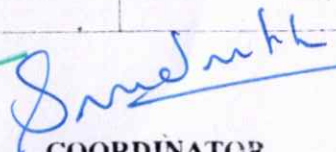
Session : FN & AN

SL. No.	Name	Email Id	Contact Number	College Name	Department	Signature
1	Jyothi K	jyothik@ceetkr.ac.in	9539390919	CE Trikanipur	ECE	
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5	Mahesh V	maheshv@gmail.com	944765119	CE Trikanipur	ECE	
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11	RAVEESH JILIMARU	raveeshkumar@cp@sngcet.org	8075956631	SNGCET	ECE	
12	Sreejith. K	sreejithk@sngcet.org	9744077806	SNGCET	ECE	
13	Lekshmy. S	lekshmyhani@vjec.ac.in	9495671875	VJEC	ECE	
14	SHIMNA. P. K	shimna@vjec.ac.in	9895304700	VJEC	ECE	
15	Vijina Vijayar	vijnurijayana@sngcet.org	9400355619	SNGCET	CSE.	


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FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON IoT WITH HANDS-ON SESSION ATTENDANCE SHEET

Day : 4

Date : 02/03/2023

Session : FN of AN

SL. No.	Name	Email Id	Contact Number	College Name	Department	Signature
1.	Hela Nouri Can.	hela510@ynho.com	9497021630	CE TKR	CSE	
2	Shebin p	shebinpp@gmail.com	9895495451	CE TLV	ECG	
3	Maresh V.V	maresh.v.v@gmail.com	9447685020	CE TKR	ECE	
4	Tharishra S	tharishra@sngcet.org	9496271164	SIVGCT, Payyanur	ECE	
5	Abhaya D K	abhayadk@sngcet.org	8018471912	SNGCET	ECE	
6	Chaitanya K.P	chaitanyakp@sngcet.org	9567741147	SNGCET	IoT	
7.	Shruthi P	shruthip@sngcet.org	9061534320	SNGCET	CSE	

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SL. No.	Name	Email Id	Contact Number	College Name	Department	Signature
8	Haritha MV	haritham@sngcet.org	8151816295	SNGCET	CSE	Haritha
9	Varsha M	varsham@sngcet.org	9400806397	SNGCET	CSE	Varsha
10	Leena Narayanan	leenanarayanan@sngcet.org	9746044628	SNGCET	ECE	Leena
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12	Vani R	Vani@sngcet.org	9567859652	SNGCET	ECE	Vani
13	Leekshmy S	leekshmyhan@vjee.ac.in	9495571875	VJEC	ECE	Leekshmy
14	SHIMNA P K	shurma@vjee.ac.in	9895304700	VJEC	ECE	Shimna
15	Ratheesh T	ratheeshret@gmail.com	9847690280	CCE Trivavipur	ECE	Ratheesh
16	Vijina Vgayan	vjinavgayan@sngcet.org	9400355619	SNGCET	CSE	Vijina


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&
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON IoT WITH HANDS-ON SESSION
ATTENDANCE SHEET**

Day : 5

Date : 3/3/23

Session : FN & AN

SL. No.	Name	Email Id	Contact Number	College Name	Department	Signature
1	Ms. LEKSHMY S	lekshmyhari@vjec.ac.in	9495881815	VIMAL JYOTHI GURU COLLEGE	ECE	
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5	Ratheesh T	ratheesh.tet@gmail.com	9847690280	CE Trivandrum	ECE	
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&

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON IoT WITH HANDS-ON SESSION

PARTICIPANTS DETAILS

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7	jyothikochi@gmail.com	Jyothi K	9539390919	College of Engineering Trikaripur	ECE

[Signature]
COORDINATOR

[Signature]
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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Report of the Faculty Development Programme

“FIVE DAYS FDP ON IoT WITH HANDS-ON SESSION”

Faculty development programme was organized by the Department of Computer Science and Engineering & Electronics and Communication Engineering of Sree Narayana Guru College of Engineering and Technology from 27th to 3rd March, 2023. Five days Faculty Development Programme included various IoT related topics.

The inauguration was held on meeting hall. The FDP started on 27th February, 2023 with the Lamp Lightening ceremony by the chief guest Dr.Vinod Pottakulathu (Principal of College of Engineering Trikaripur). Dr.Leena Narayanan; (AP ECE) delivered the welcome speech. The Principal's address by the principal Dr.Leena A V. was really inspiring. Introduction of resource person was done by Mrs.Meera M(AP,ECE).The felicitation address was followed by Dr.Susan Abraham(DEAN UG,PG), Mr. Jacob Thomas(HOD,ME), Mr. Nikhil M(HOD,H&S).The memento was presented to the chief guest by the Principal. Mr. Sunder V (HOD, CSE) thanked the gathering through vote of thanks ceremony.

On the first day, after the inaugural ceremony technical session was organized at Scientific Computing Lab. The session was handled by Mr.Kathiru Santhikumar (CEO, ALGTHINKFOTECH innovations). The first technical session was on the topic theory session on introduction to embedded systems and embedded circuits. The afternoon session is followed by the practical session was on circuit designing with bread board. He discussed about the basics of embedded system and examples, microprocessors and microcontrollers. He guided the participants to design and setup 5V DC power supply using bridge rectifier, and implemented a moisture sensor circuit using transistor, designed a buzzer module and control the 230V AC supply of lamp.

On the second day the session started by introducing the python programming and followed by its practical session in the afternoon. He discussed basic python programming topics related to arithmetic operators, list, dictionaries, and array.

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On third day the first session was on microcontroller programming and practical session in the afternoon. Discussion of ATmega328 pins out and basics of microcontroller programming was carried out in the morning. Practical session to implement an automatic street light based on light intensity was worthful. A IR controlled lamp and a motor to rotate clockwise and anticlockwise.

On fourth Day, First Session was Introduction to Python Programming and second Session was hands on session.

On fifth Day, session 1 was about Introduction to Raspberry Pi Python programming and session 2 was its practical session.

After Lunch break, FDP concluded with the session in the meeting hall. Certificates were distributed to the FDP participants & the resource person by the chief guest Mr. Premachandran K E (Dysp, PAYYANUR). He explained how IoT can be implemented in his field of cancer. Dr. Leena A V presided the function and presented a memento to the chief guest as a symbol of love and gratitude to him. When Mr.Sundar V (HOD CSE) welcomed the gathering, Ms.Abhaya K of ECE rendered the vote of thanks.

Sundar V
HOD/CSE

Leena

Dr. LEENA A V
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A group photo taken after the Inaugural function of Five days FDP on IoT Hands - On Training session with the Chief guest Mr. Vinod Pottakuathu, Principal College of Engineering Trikkaripur.

Sunder V
HOD/USE

Leena
DR. LEENA A V
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PAYYANUR, KANNUR

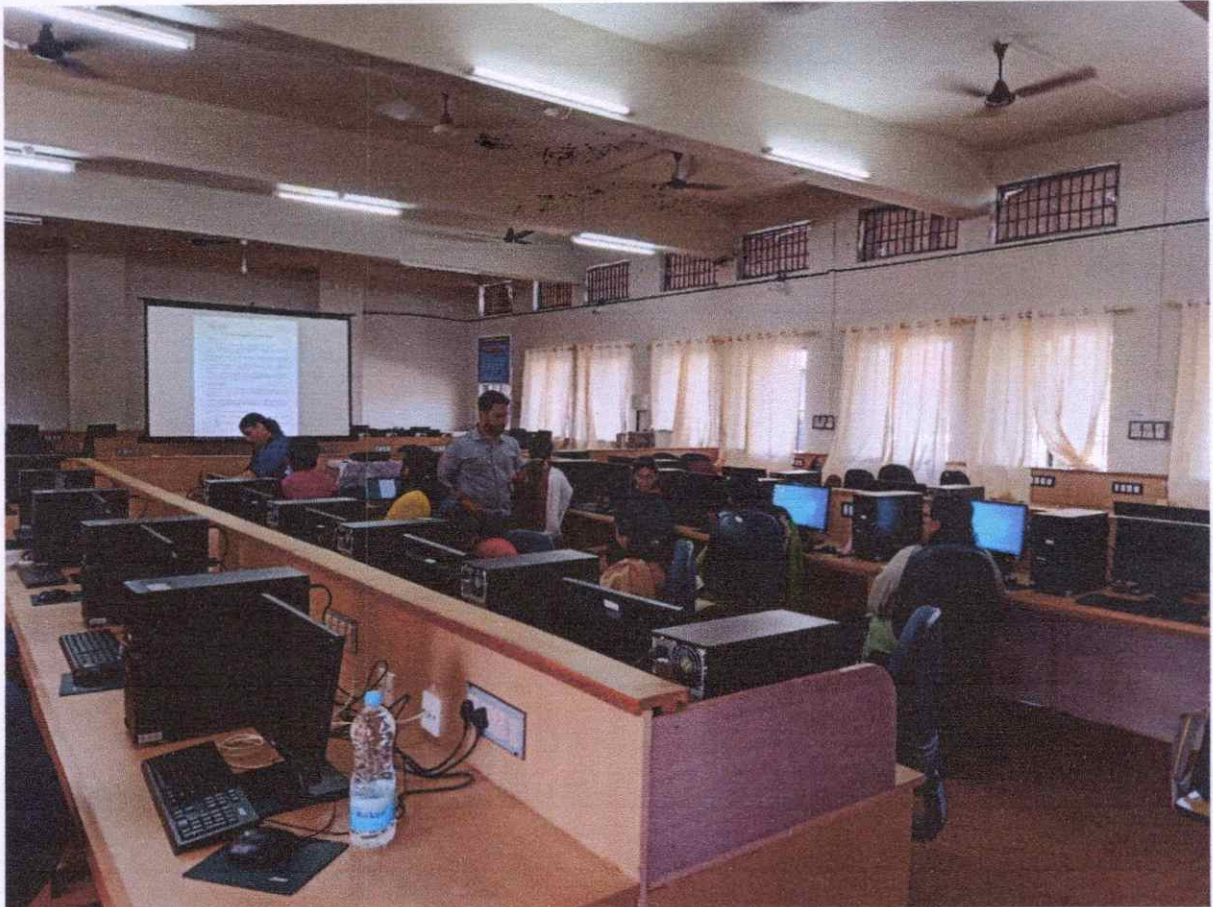


A group photo taken after the Valedictory function of Five days FDP on IoT Hands - on Training session with the Chief guest Mr. Premachandran K E DySP, Payyannur.

*Suresh
HOD/UG*

Leena

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IoT Hands - On session

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Certificate distribution to the participants from the Chief guest

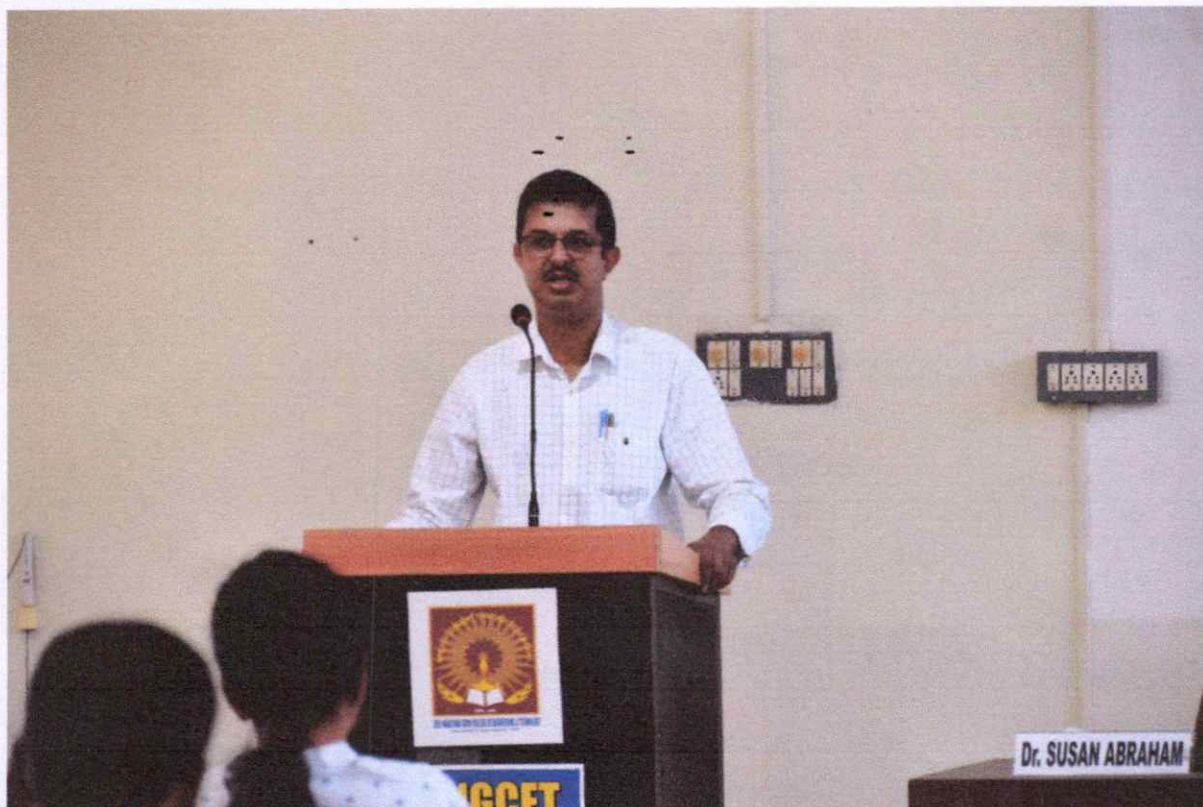
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PAYYANUR, KANNUR



Certificate distribution to the resource person Mr. Kathiru Santhikumar from the Chief guest

Leena

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PAYYANUR, KANNUR



A photo taken during Inaugural speech of Chief guest Mr. Vinod Pottakuathu

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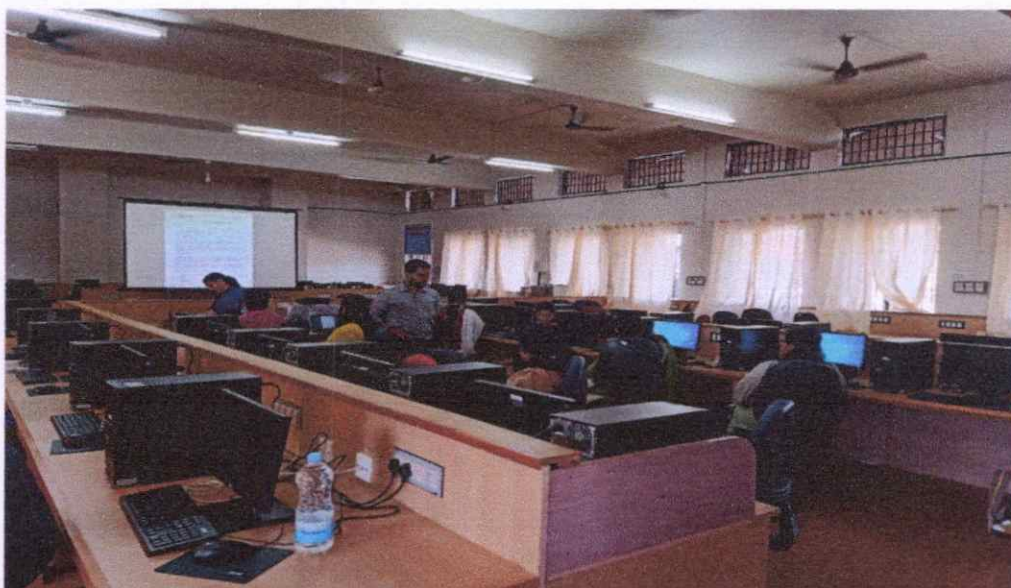


Inaugurating the Five days FDP on IoT with Hands - on session by lightning the lamp.

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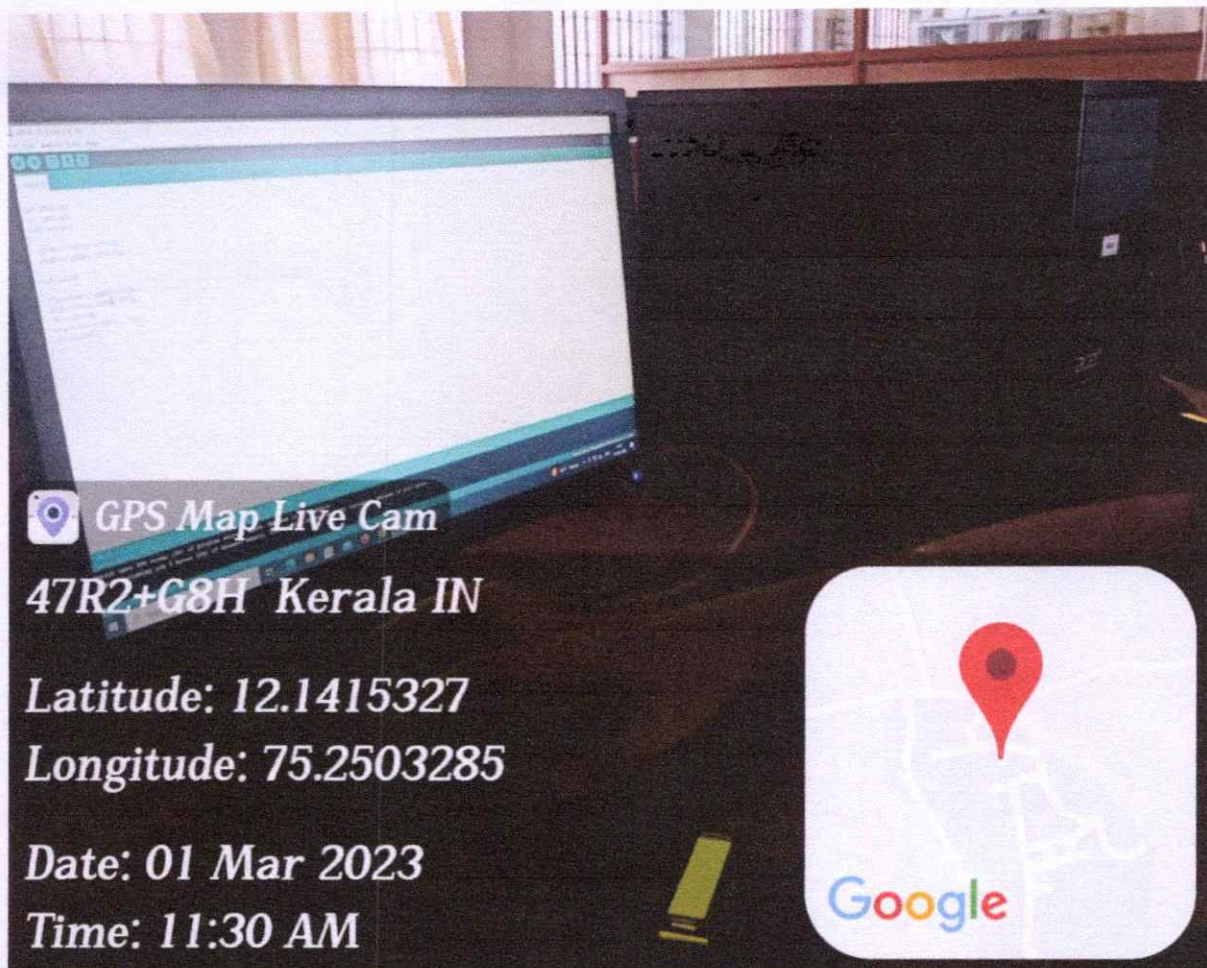


A group photo taken after the Inaugural function of Five days FDP on IoT Hands - On Training session with the Chief guest Mr. Vinod Pottakuathu, Principal College of Engineering Trikkaripur.



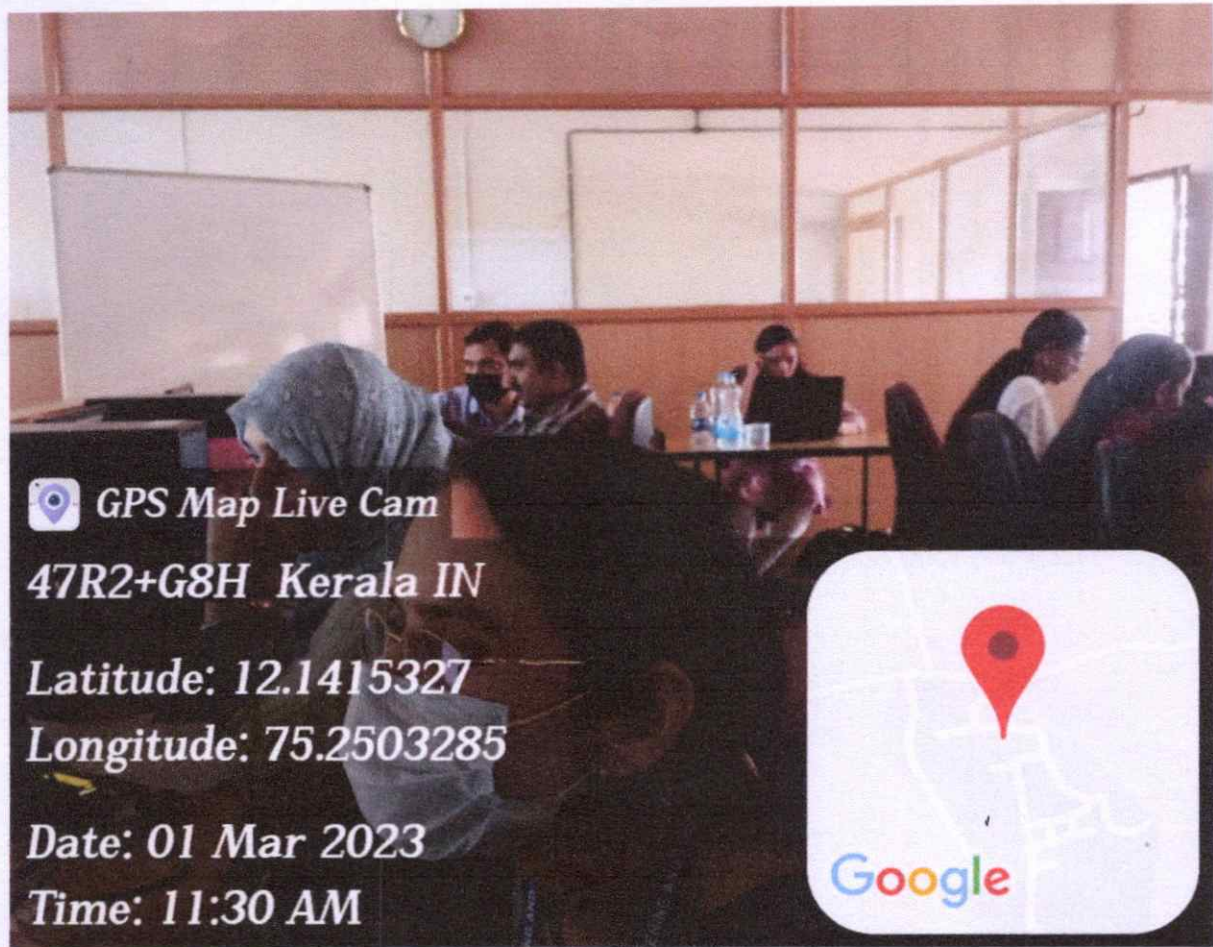
IoT Hands - On session

Leena
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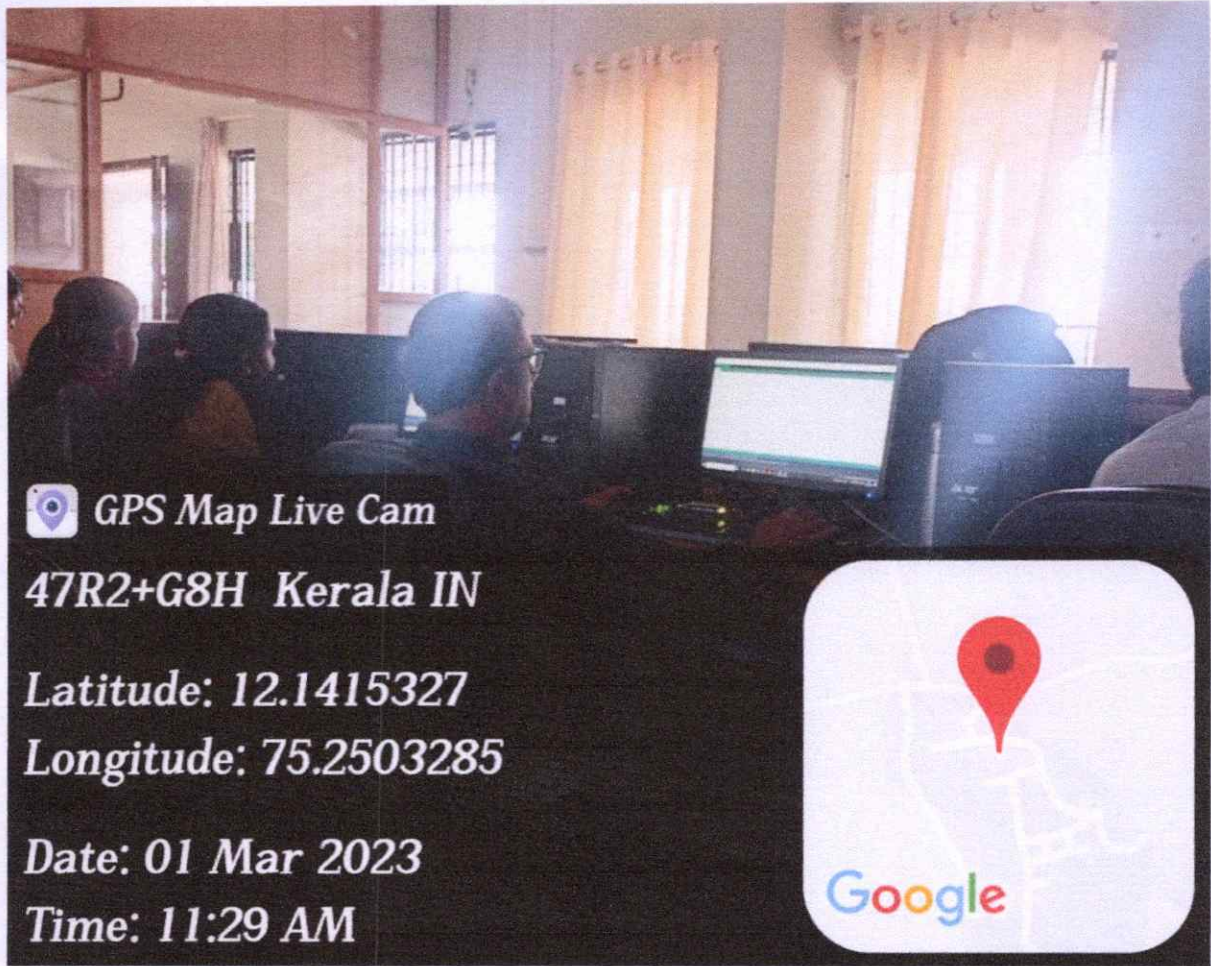
IoT Hands - On session (01 March 2023)

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IoT Hands - On session (01 March 2023)

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PAYYANUR, KANNUR



GPS Map Live Cam

47R2+G8H Kerala IN

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Longitude: 75.2503285

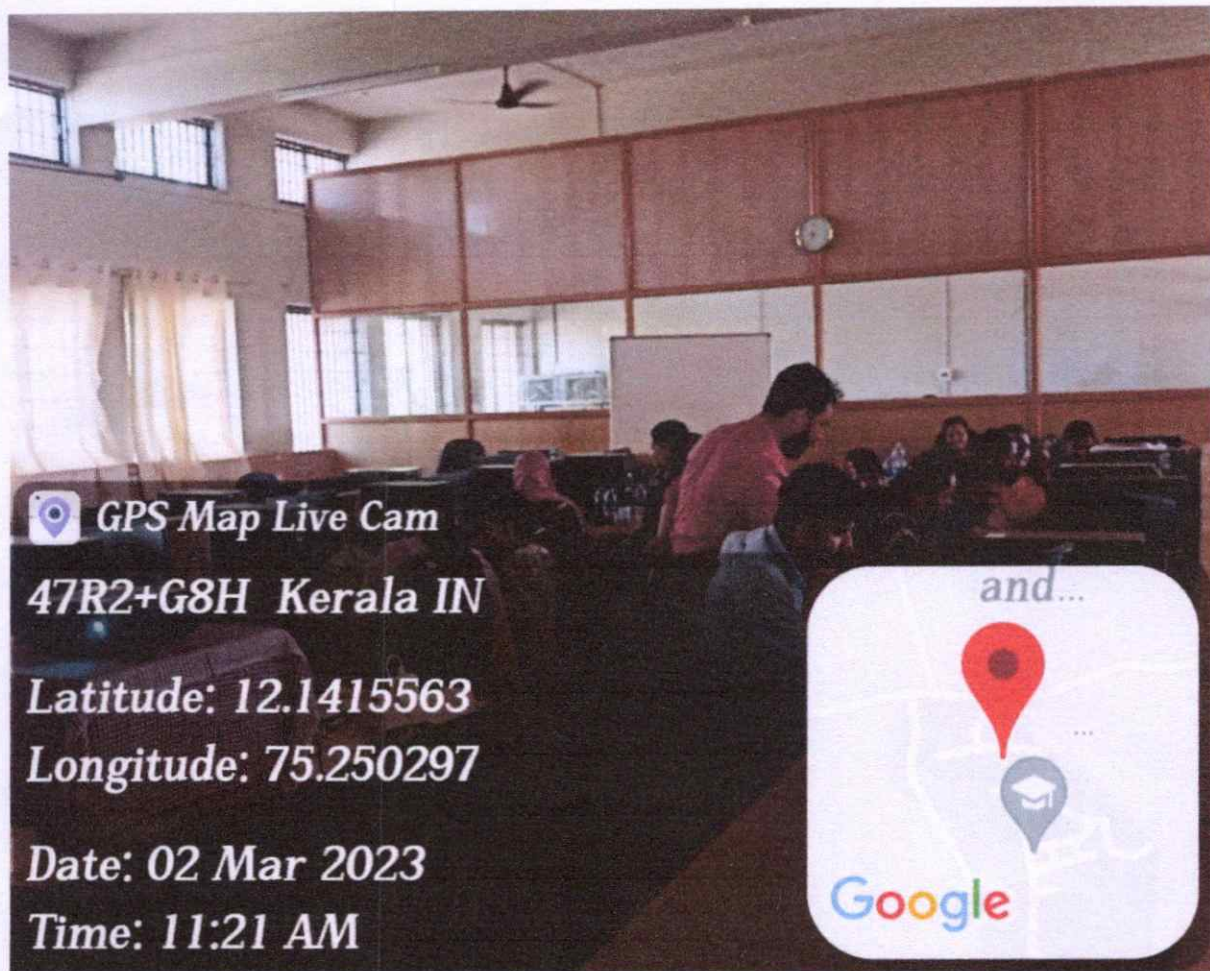
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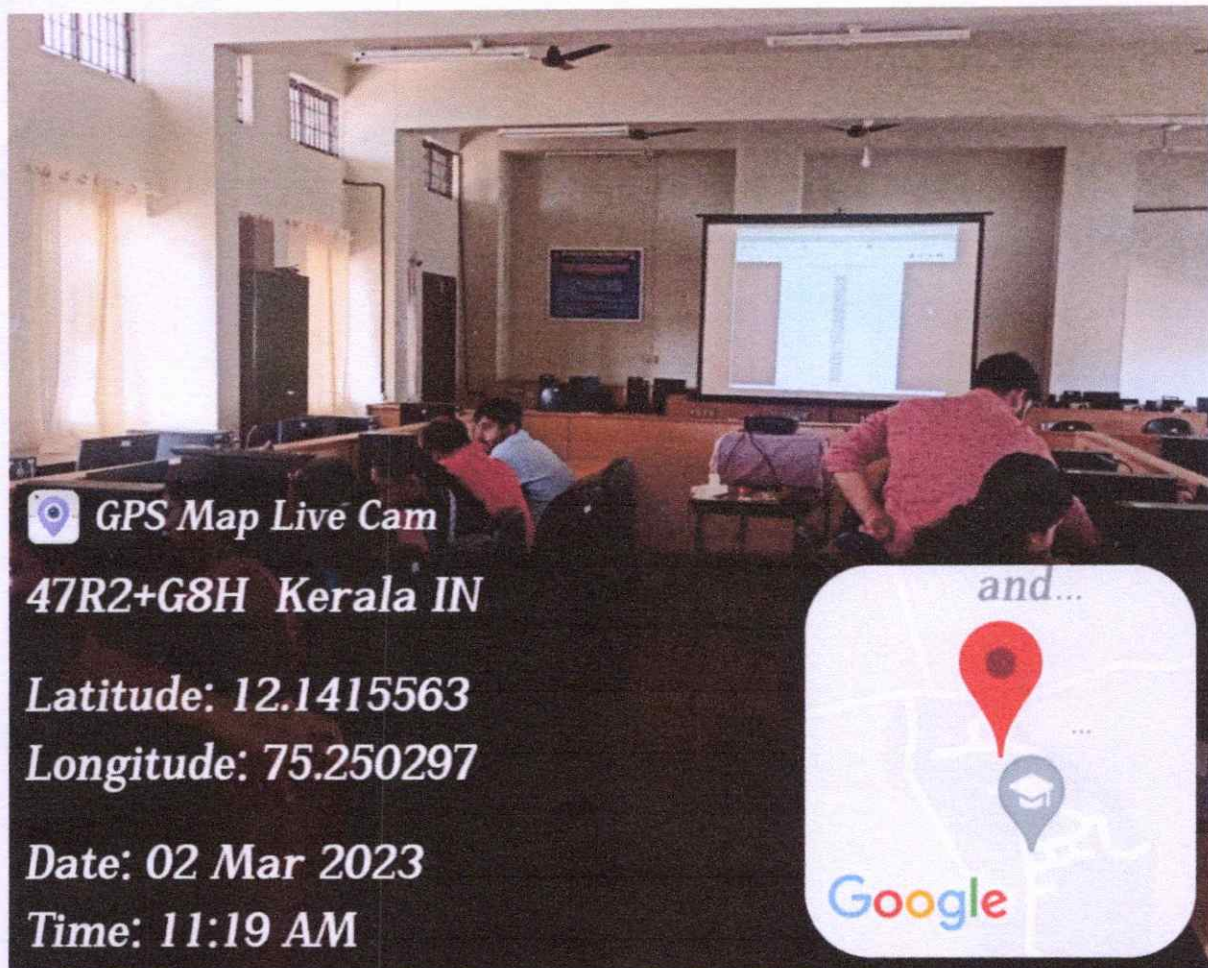
IoT Hands - On session (01 March 2023)

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IoT Hands - On session (02 March 2023)


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PAYYANUR, KANNUR



GPS Map Live Cam

47R2+G8H Kerala IN

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Longitude: 75.250297

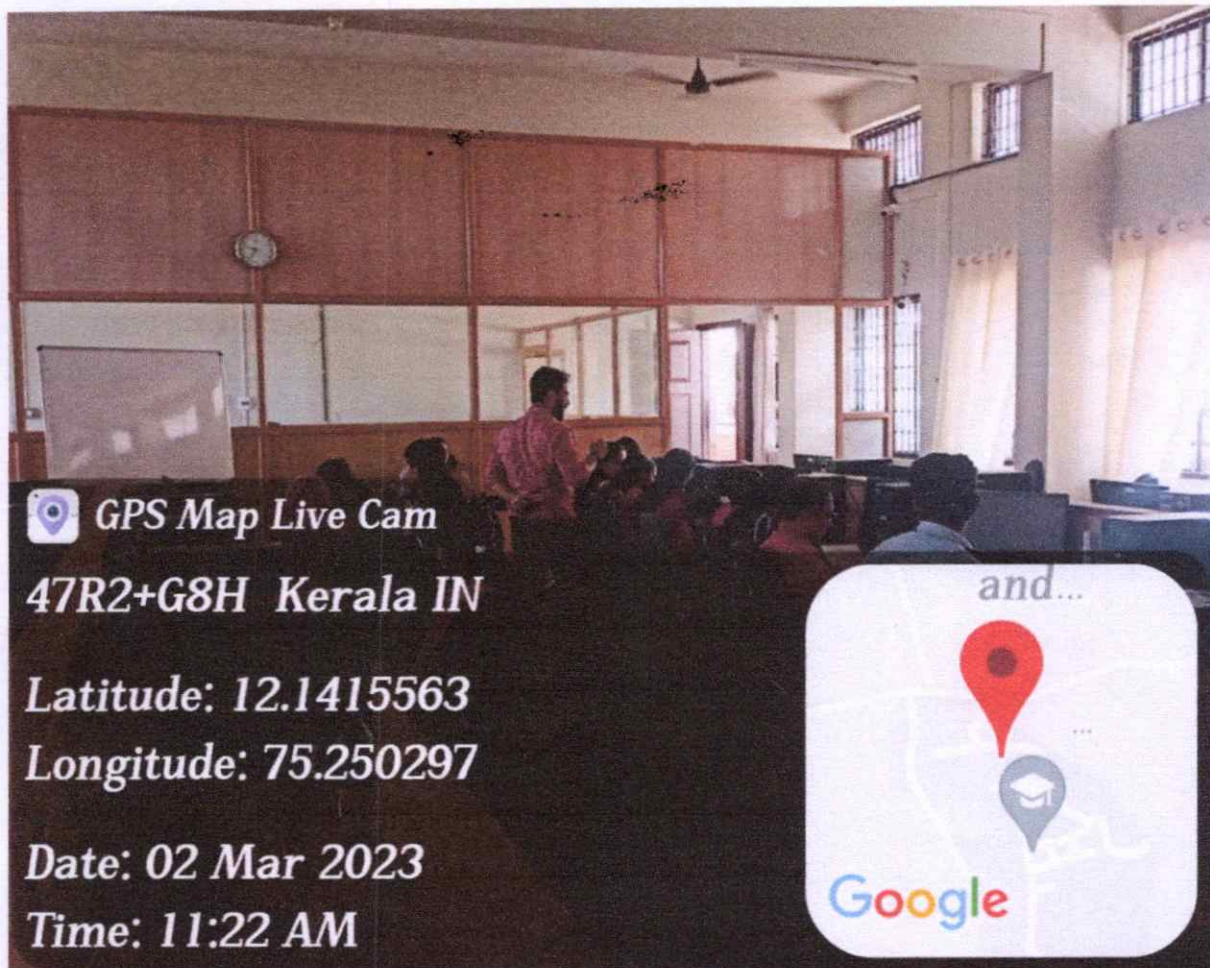
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IoT Hands - On session (02 March 2023)

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PAYYANUR, KANNUR



 GPS Map Live Cam

47R2+G8H Kerala IN

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Longitude: 75.250297

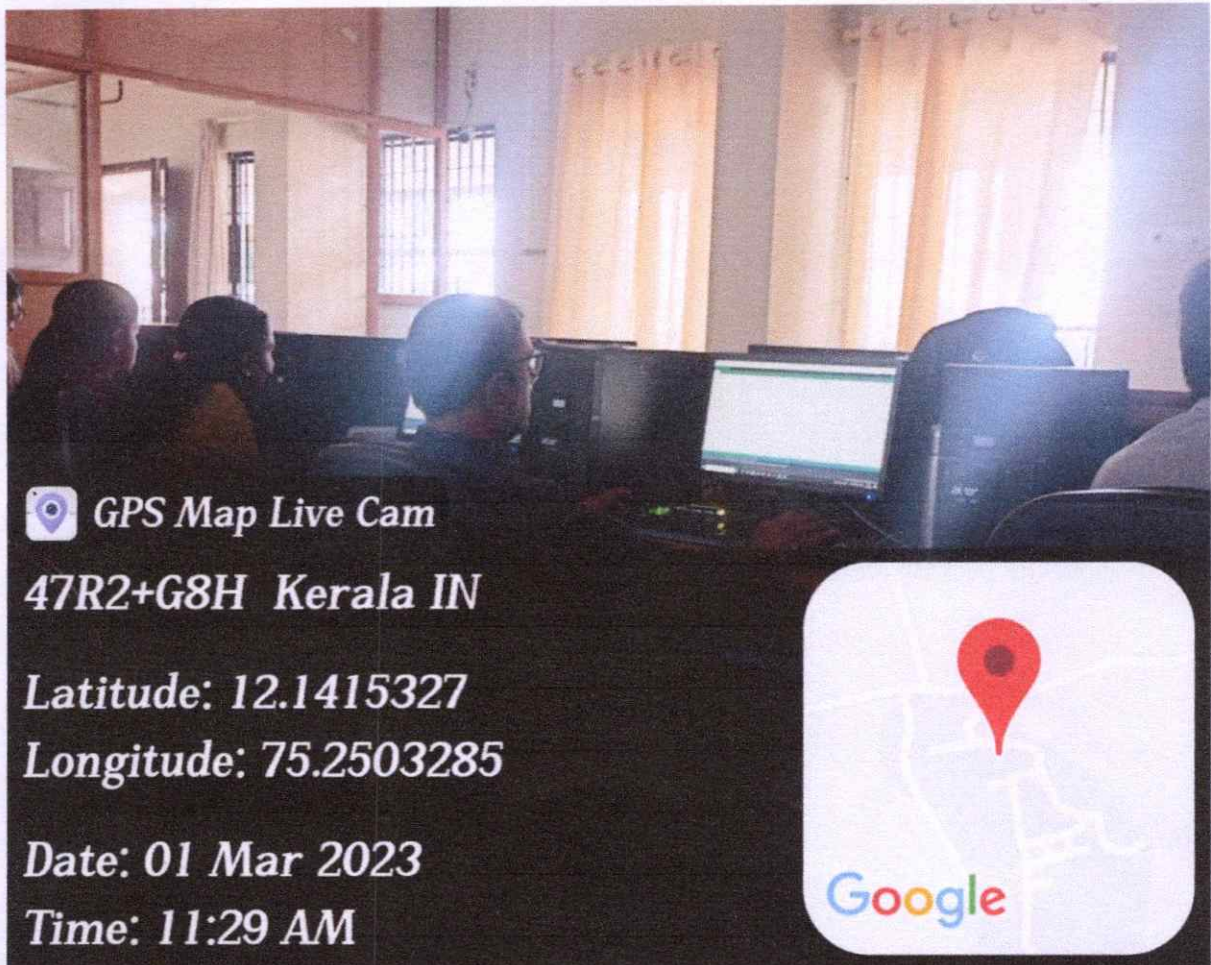
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Time: 11:22 AM



IoT Hands - On session (02 March 2023)

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PAYYANUR, KANNUR



GPS Map Live Cam

47R2+G8H Kerala IN

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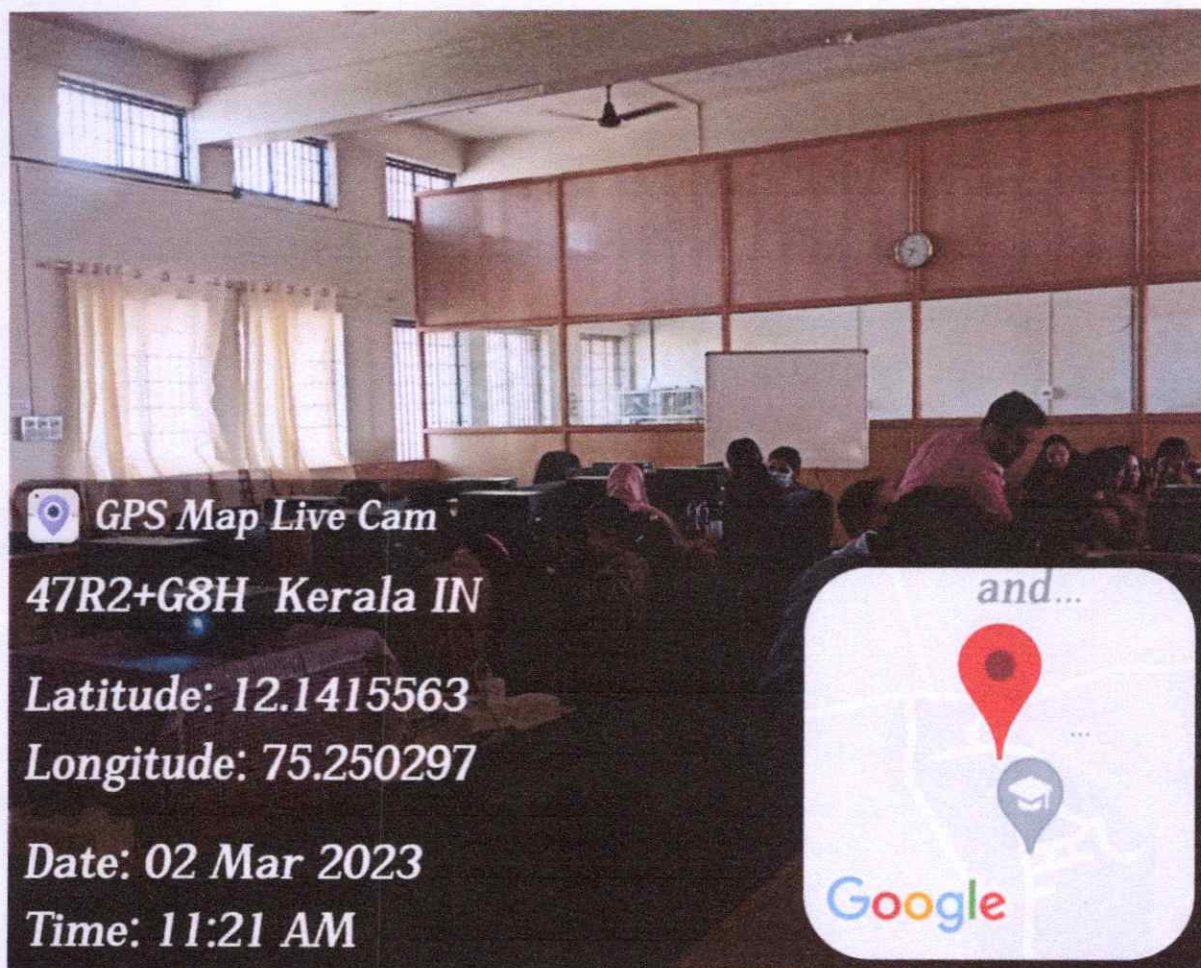
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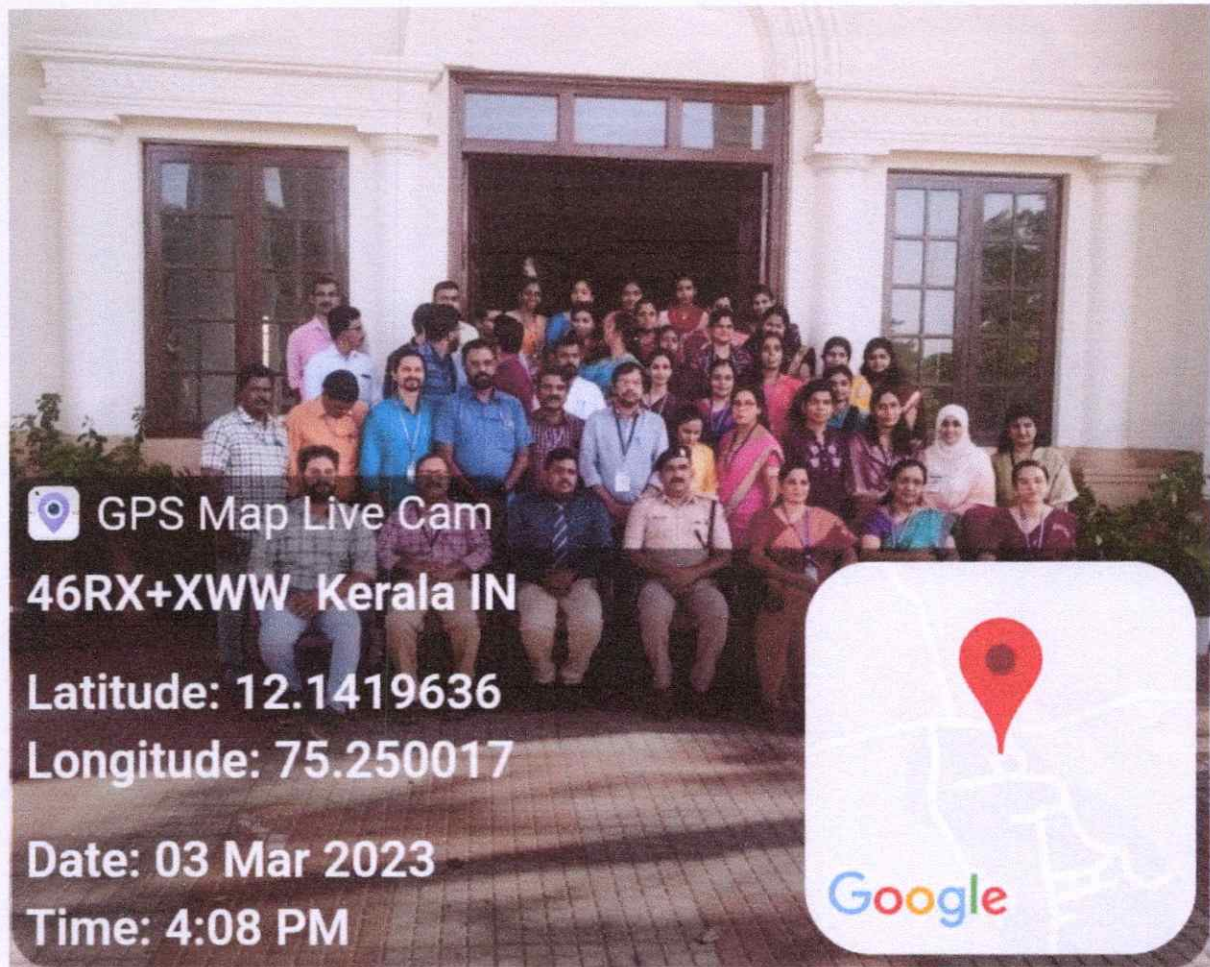
IoT Hands - On session (02 March 2023)

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IoT Hands - On session (02 March 2023)

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PAYYANUR, KANNUR




GPS Map Live Cam
46RX+XWW Kerala IN

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Longitude: 75.250017

Date: 03 Mar 2023
Time: 4:08 PM



A group photo taken after the Valedictory function of Five days FDP on IoT Hands-on Training session with the Chief guest Mr. Premachandran K E DySP, Payyannur (03 March 2023).


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& TECHNOLOGY**

POST EVENT ANALYSIS FORM

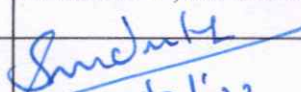
**Submitted by the department of: COMPUTER SCIENCE AND ENGINEERING,
ELECTRONICS AND COMMUNICATION ENGINEERING**

I. TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type conducted	Faculty Development Program
2	Event name	Faculty Development Program on Internet of Things
3	Date and time of the event conducted	27/02/2023-03/03/2023, 9.30 AM – 4.00 PM
4	Venue	Inauguration and Valedictory function - meeting hall Workshop - Scientific computing lab
5	Whether the event was interdepartmental? If yes, mention the department(s) associated with	Yes Jointly occurred Computer Science and Engineering, Electronics and Communication Engineering
6	Mode of conduct [online \ offline]	Offline
7	Is there any deviation from the proposal in the date, time and venue of the event? If yes, mention the reason for change	No
8	Whether any professional body was associated with the event? If yes, name the body	No
9	Any funds received from the professional body? Indicate the amount	No
10	Participants / Target Audience	Outside and inside participants
11	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	No
12	Objectives of the event	<ul style="list-style-type: none">• Aims to develop skills in IoT system development and to apply the same in real life applications.• To design smart IoT application for real world problems using Raspberry Pi.

PAGE 1 OF 2

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13	Expected Outcomes	CO1- Understand the IoT fundamentals and architecture modeling CO2- Familiarize the tools such as Arduino, MIT App Inventor, PYTHON IDE, Subline Text editor, Google Colab etc
15	Connected PO / PSO	PO1: Engineering Knowledge PO2: Problem Analysis PO3: Design/Development solutions PO12: Life long learning
16	Justification for PO / PSO [may use separate sheet if necessary]	To attain computer science specific skills and programming and software development skills.
17	Whether feedback forms from audience and resource person is collected?	Yes
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	Yes
19	Attainment level of outcomes	CO1, CO2
20	Name of the resource person	Mr Kathiru Santhikumar
21	Designation of the resource person(s)	Chief Executive Officer ALCTHINKFOTECH Innovations
22	Any other relevant information	Nil
23	Name of the event coordinator(s)	Mr Sunder V , Ms Leena Narayanan
24	Dated signature of the coordinator(s)	 15/3/23

II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

List of enclosures – To be maintained in the file

Sl No:	ITEM	AVAILABILITY [YES / NO]
1	Posters	✓
2	Schedule of the event	✓
3	Registration form sample copy	✓
4	All registration forms duly filled and signed	✓
5	Profile of the resource person(s)	✓
6	Feedback forms filled by participants and resource person	✓

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Dr. LEENA A V
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SREE NARAYANA GURU COLLEGE OF
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PAYANUR, KANNUR

7	Feedback analysis sheet	✓
8	CO attainment calculation sheet	✓
9	Study Materials (if any)	✓
10	Letters or printouts of e-mail communication relevant to the event	✓
11	Documents related to professional body associated with the event	✓

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Dr. LEENA A V
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PAYYANUR, KANNUR

12	Photographs of the event	✓
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1	Comments about the conduct of the event	Good FB received from faculty
2	Comments about the resource person and impact of the event	Good knowledge about the topic.
3	Name	Sunder V
4	Dated Signature	Sunder V

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:

Leena

PAGE 4 OF 2

Dr. LEENA A V
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

SNGCET/CIR/75/2022

16-09-2022

CIRCULAR


The Management has arranged a Training Programme for all Faculty and Staff of the college in association with 'Craft Success' on 17-09-2022 (Saturday) in the Meeting Hall at 9:15 AM. All the Faculty and Staff are hereby directed to compulsorily attend the programme without fail. Lunch and refreshment will be provided for all.


PRINCIPAL

Copy to:

- 1) HOD's /faculty/staff & AO
- 2) File

President/ Secretary for kind information.


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

REPORT ON ONE DAY TRAINING SESSION BY CRAFT SUCCESS




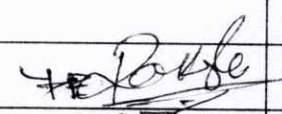

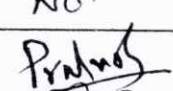
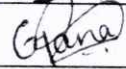

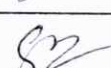
On September 19th, 2022, A training session for all teaching and non teaching was held in association with “*Craft Success* “. Dr. Leena A V, Principal , SNGCET addressed the gathering and welcomed the team, They are group of experienced members who have been engaging classes in the field of career guidance, motivation and personality development for past many years .

Session includes motivational and inspirational talks by the various members of team “craft success”. Session progressed with interactive activities , group discussion, games , strategy preparation for teaching – learning process, Mind games for personality development ,Awareness about the new trends in the educational methodologies and standards.

The one day session was concluded by 4:30 pm , Several faculty have shared their valuable feedback about session . Dr. Susan Abraham, the Dean of UG & PG Studies, expressed gratitude in the vote of thanks. Dr. Leena A V, Principal ,SNGCET , honoured the team for their valuable session.

Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR


Administrative Office

Sl. No.	Name	Signature	FN	AN
1	Dr. LEENA A V			
2	Mr. ASHOK HEGDE L			
3	Mr. VYJITH A N			
4	Mr. DIVAKARAN NP			
5	Mr. SHARATH CHANDRA V			
6	Mr. RAKESH A K			
7	Mr. SUNESH P			
8	Mr. HAREESH KUMAR C	YES		
9	Mr. PRADEEP T V	No		
10	Mr. PRAKASH KUMAR K.K			
11	Ms. GANA N			
12	Mr. DHANYESH P	YES		
13	Ms. ANITHA P			
14	Ms. SHYAMALA P K			
15	Ms. RADHA K P	YES		

16 Mr. PAPPAN K

YES

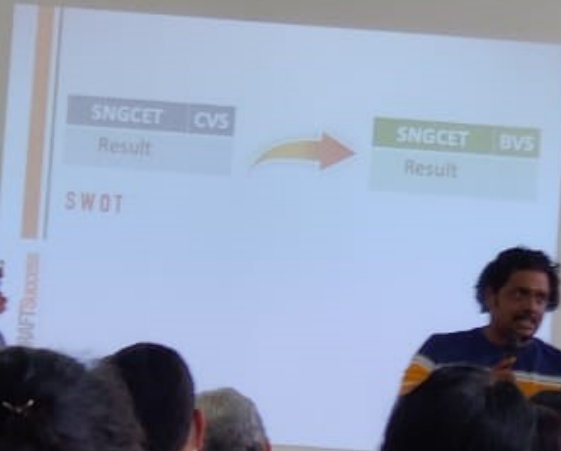
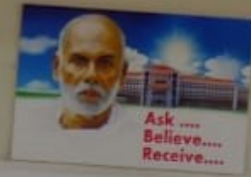
Electrical and Electronics Engineering				
1	Mr. ABHILASH KRISHNAN T.K	Yes <i>Abhilash</i>		
2	Ms. PRABHA CHANDRAN	NO		
3	Mr. MANU C	NO		
4	Mr. VAISHAKH M NAYANAR	NO		
5	Ms. ARCHANA C P	Yes		
6	Mr. VILAS P	✓ <i>Onob</i>		
Electronics and Communication Engineering				
1	Prof. RAVEENDRAN K	YES		
2	Ms. LEENA NARAYANAN	NO		
3	Ms. MEERA M	NO		
4	Ms. VANI R	<i>Unath</i>		
5	Ms. THRISHNA S	NO <i>Th</i>		
6	Mr. SREEJITH K	Yes <i>S</i>		
7	Mr. SHAHITH P	Yes <i>Shahith</i>		
8	Mr. RAVEESH KUMAR C P	NO		
Mechanical Engineering				
1	Mr. JACOB THOMAS	<i>JA</i>		
2	Mr. SARANG P	<i>Sarang</i>		
3	Mr. DIVYATHEJ M V	YES		
4	Mr. RAHUL A M	<i>Rahul</i>		
5	Mr. PRIYESH PADMANABHAN	YES <i>Priyesh</i>		
6	Mr. JISHNU NAMBOODIRI V N	YES <i>Jishnu</i>		
7	Mr. EASWARAN NAMBOODIRI M	YES <i>EA</i>		
8	Mr. DHANARAJ K	<i>Dhanraj</i>		
9	Mr. GANGADHARAN A	NO		

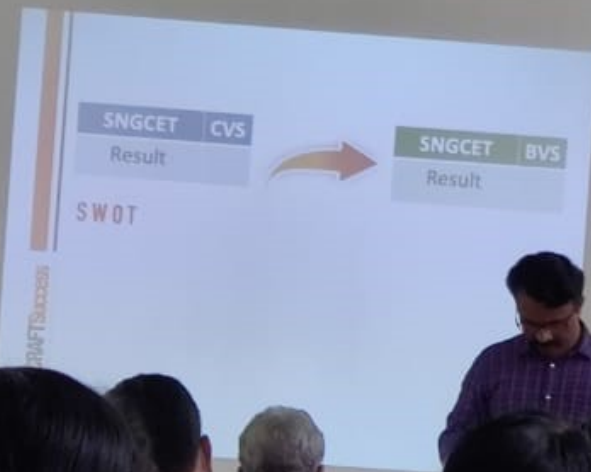
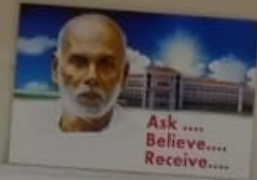

Dr. LEENA A V
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 PAYYANUR, KANNUR

Civil Engineering				
1	Dr. SUSAN ABRAHAM	Yes <i>SL</i>		
2	Ms. MARY SONIA GEORGE B	Yes <i>Mayly</i>		
3	Ms. SHILPA VALSAKUMAR	Yes <i>to us</i>	✓	✓
4	Mr. PREM ANAND C <i>Leave</i>			
5	Ms. SARITHA SASINDRAN	Yes <i>Saritha</i>	✓	✓
6	Mr. SHIBIN.B	Yes <i>Shibin</i>		
7	Ms. SHAMYA SUKUMARAN M	Yes <i>Shamy</i>		
8	Ms. REVATHI P	Yes <i>Revathi</i>		
9	Mr. AKHIL.K.C	Yes <i>Akhil</i>		
10	Mr. AKSHAY P	Yes <i>Akshay</i>		
Computer Science and Engineering				
1	Mr. SUNDER V	Yes <i>Sunder</i>	✓	✓
2	Ms. NEHA M V	Yes <i>Neha</i>	✓	✓
3	Ms. VARSHA M	Yes <i>Varsha</i>	✓	✓
4	Ms. VIJINA VIJAYAN	Yes <i>Vijina</i>	✓	✓
5	Ms. NIMISHA M K	<i>Nimisha</i>	✓	✓
X6	Ms. THULASIBAI.A	NO		
7	Ms.VEENA	Yes <i>Veena</i>	✓	✓
8	Mr. NISHANTH K P	<i>Nishanth</i>	✓	✓
9	Mr. ROHITH M	<i>Rohith</i>	✓	✓
10	Ms. ANUSHA M	<i>Anusha</i>	✓	✓
Science and Humanities				
1	Mr. UNNIKRISHNAN O	NO		
2	Mr. NIKHIL M	Yes <i>Nikhil</i>		
3	Ms. BINDIYA M C	Yes <i>Bindiya</i>		
4	Mr. ABHIROSH K	Yes <i>Abhirosh</i>		
5	Ms. NIMMITHA MURALI	Yes <i>Nimmitha</i>		
6	Ms. ASWATHI SREEJITH	Yes <i>Aswathi</i>		
7	Ms. ASWATHI K	Yes <i>Aswathi</i>		

Leena

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR







Faculty Development program on Technical Writing

RESOURCE PERSON

Mrs. Aswathi Sreejith

(Asst. Professor H&S Department)



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

REPORT OF FACULTY DEVELOPMENT PROGRAM ON “ TECHNICAL WRITING “

A faculty development program was held on September 1st, 2022 on “technical writing “ the session was led by the Subject Expert Mrs . Aswathi Sreejith (Asst professor in English , Training and placement officer ,SNGCET).The session commenced by 11am in the meeting hall .

Dr. Leena A V, the Principal of SNGCET, addressed the attendees, extending a warm welcome to Mrs. Aswathi Sreejith. The facilitator emphasized the significance of technical writing skills in the holistic development of professionals and elaborated on the **7 Cs of technical writing: clear, concise, concrete, correct, coherent, complete, and courteous.**

The session explored the fundamental concepts and formats of various types of letters, addressing potential grammatical errors commonly found in writing patterns. Participants were acquainted with the basic rules and methods of technical writing, crucial for preparing and documenting articles, manuals, review papers, and more.

The program concluded at 1:00 pm, Dr. Susan Abraham, the Dean of UG & PG Studies, expressed gratitude in the vote of thanks. Dr. Leena A V, the Principal of SNGCET, honored Mrs. Aswathi Sreejith as a token of appreciation for her valuable contribution.

Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYANUR
KANNUR

HOD

Nikhil M



**SREE NARAYANA GURU COLLEGE OF ENGINEERING AND
TECHNOLOGY, PAYYANUR**



Korom, Chalakode P.O., Payyanur, Kannur - 670307

Managed by Sree Bhakthi Samvardhini Yogam, Talap, Kannur

Affiliated to APJ Abdul Kalam Technological University and Approved by AICTE

FACULTY DEVELOPMENT PROGRAM BY CRAFT SUCCESS

JAN
FRIDAY & SATURDAY 11&12 09:30AM
2019

VENUE MEETING HALL

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

INSTITUTION CODE SNC



REPORT ON FACULTY DEVELOPMENT PROGRAM BY CRAFT SUCCESS

The two day session was led by the team Craft Success, group of experienced personalities who have been engaging classes in the field of career guidance, motivation and personality development for past many years.

Session was followed by interactive activities, Training sessions, group discussion sessions, mind games, strategy planning for improving teaching learning environment, result improvement strategies.

Second day of the session commenced with the discussion with the teachers regarding the teaching methods, problems faced by them and suggested the methods to improve the teaching methods and teaching learning environment.

The change in the attitude and the mind-set of the students where also reviewed and the strategies to implant the values and the importance of education where discussed. And also the discussed about the methods to cope with the attitude of the students.

The session was concluded by the feedback session from the faculty , Dean UG & PG studies proposed the vote of thanks and the Principal honoured the team for their esteemed presence.

Dr. LEENA A V
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