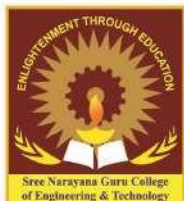


6.3: Faculty Empowerment Strategies

6.3.3: Percentage of teaching and non-teaching staff participating in Faculty Development Programmes (FDP), Professional Development /Administrative Training Programs during the last five years

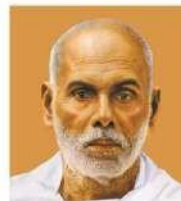
Table of Contents

Sl. No.	Contents	Page No.
1	FDP – Event brochure and reports	1
2	List of Participating staff	87
3	Certificates for programs attended by both the teaching and non-teaching staff	99
4	Annual reports showcasing the activities of teaching and non-teaching staff	234



Sree Narayana Guru College of Engineering & Technology

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



FDP-EVENT BROCHURES AND REPORTS



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, 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 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.	Aswathu.R	EEG	
18.	Nimisha M.K.	CSE	
19	Shruthi.P	CSE	
20	Meera.M	ECE	

Dr. LEENA A V
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SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
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	Vaasha. M	CSE	
18	Thulasi	CSE	
19	Shamya Sukumaran. M.	EE	
20	Prabha Chandran	EEE	

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PAYYANUR, KANNUR

[illegible]



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

EVENT PROPOSAL FORM

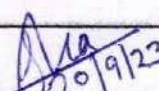
Submitted by the department of Computer Science and Engineering

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		

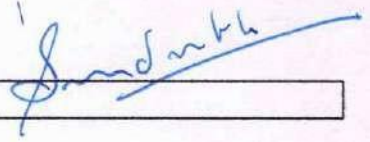
Leena
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

PAGE 1 OF 2

	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>Pandey</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

PAGE 3 OF 2



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.

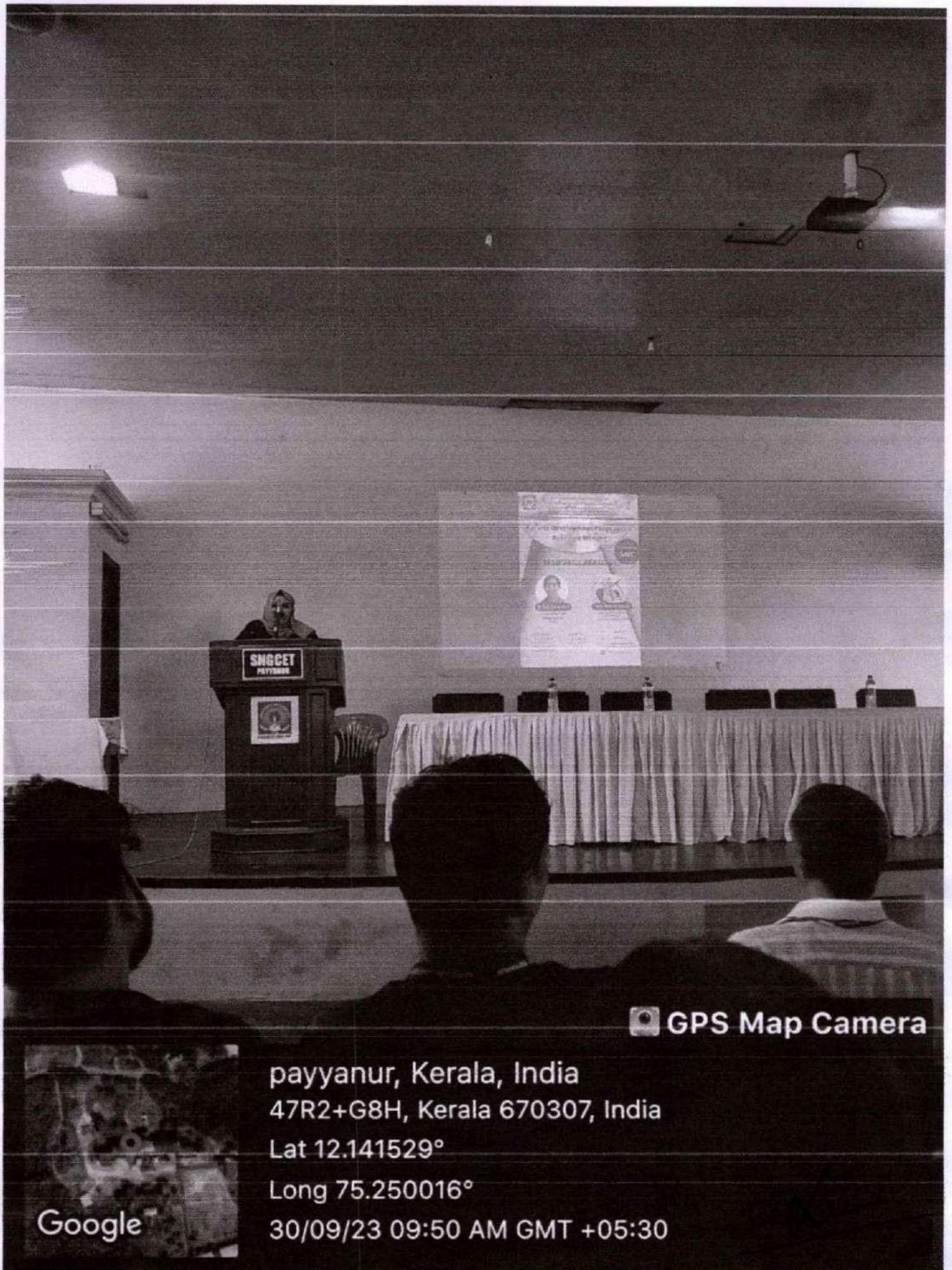
Ms. Rahina Moidu was held this wonderful session. The programme's goal is to improve the academic and intellectual environment in the institution by giving faculty members. This Faculty Development Programme has been designed with a sincere thought of providing a comprehensive view so as to be well-equipped 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

Google

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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

POST EVENT ANALYSIS FORM

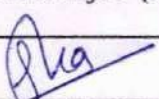
Submitted by the department of Computer Science and Engineering

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

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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

 PAGE 2 OF 2
Dr. LEENA A V
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PAYANUR, KANNUR

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	Smrithi ✓
4	Dated Signature	Smrithi

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:



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

PAGE 3 OF 2



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 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 cod

SNC

Internet of things

IOT

27 February 2023 to 03 March 2023



www.sngcet.org

16



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

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

Dr. LEENA A V
PRINCIPAL
Department of Computer Science & Engineering

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, 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

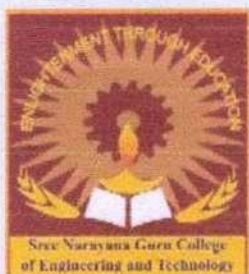
Intimation of selection

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

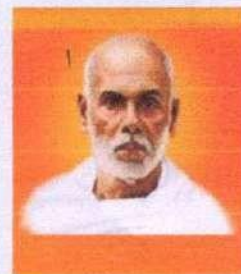
(Limited to 25 participants only)

Dr. LEENA A V
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
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PAYANUR, KANNUR



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



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**





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

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

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

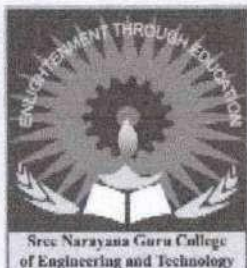


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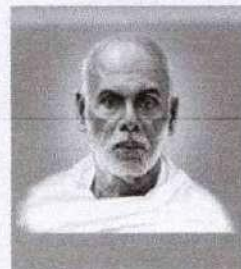
21



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

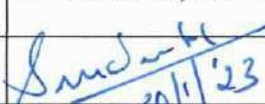
**Submitted by the department of: COMPUTER SCIENCE AND ENGINEERING,
ELECTRONICS AND COMMUNICATION ENGINEERING**

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

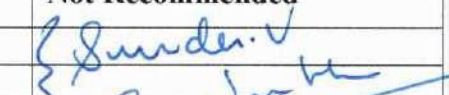
1	Event type	Faculty Development Program
2	Event name	Faculty Development Program on Internet of Things
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	Yes Jointly occurred Computer Science and Engineering, Electronics and Communication Engineering
4	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


Dr. LEENA A V
 PRINCIPAL
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 PAYYANUR, KANNUR

	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


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

PAGE 2 OF 2



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

			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

			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]*

Dr. LEENA A V
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, 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
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

[Signature]
HOD/SC
COORDINATOR

[Signature]
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

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



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,Chempuri
7	Ms. Shimna P K, AP ECE, Vimal Jyothi Engineering College, Chempuri
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


Dr. LEENA A V
PRINCIPAL

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

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/ECE

FEEDBACK FORM

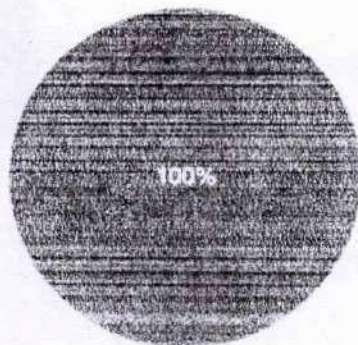
8 responses

Publish analytics

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



8 responses

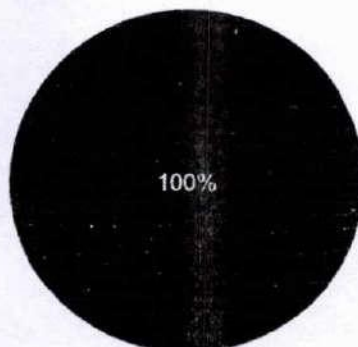


- ☒ Very well organized
- ☐ Moderately organized
- ☐ Somewhat disorganized
- ☐ Poorly organized

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



8 responses



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

*Sandesh
Hod/14/18*

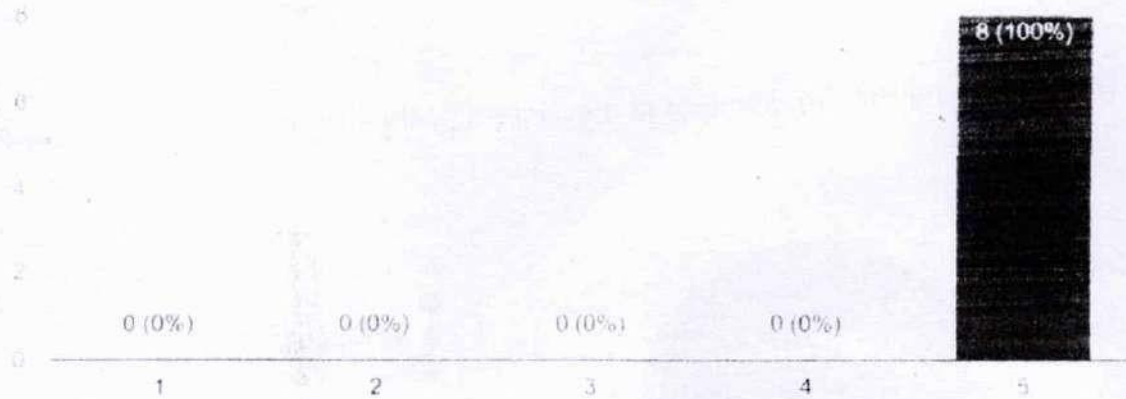
Leena

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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How do you rate the hospitality provided?

☐ Copy

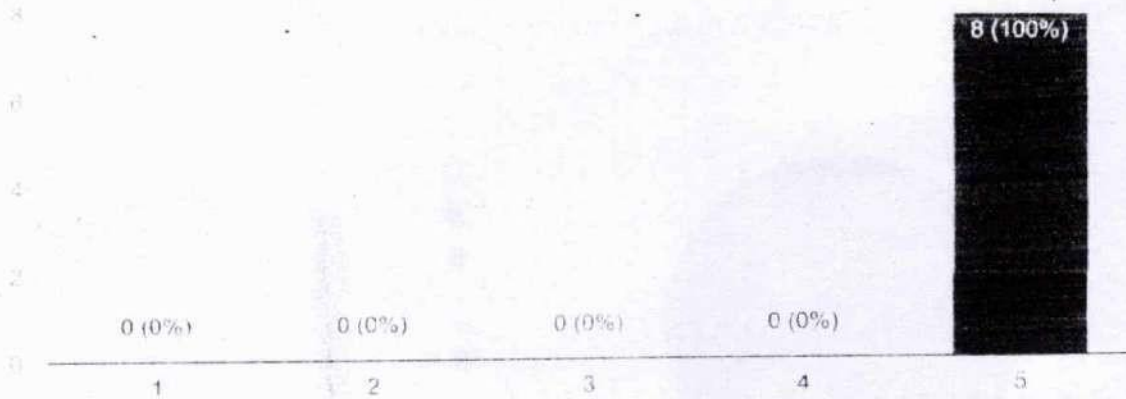
8 responses




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

☐ Copy

8 responses



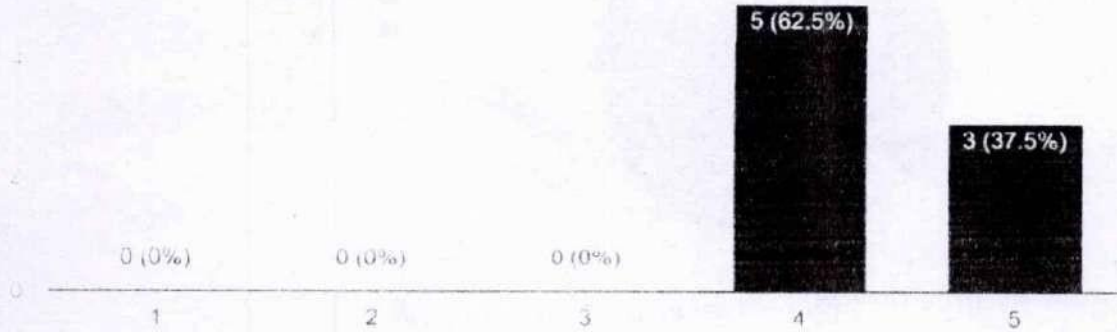

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FEEDBACK FORM

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

☐ Copy

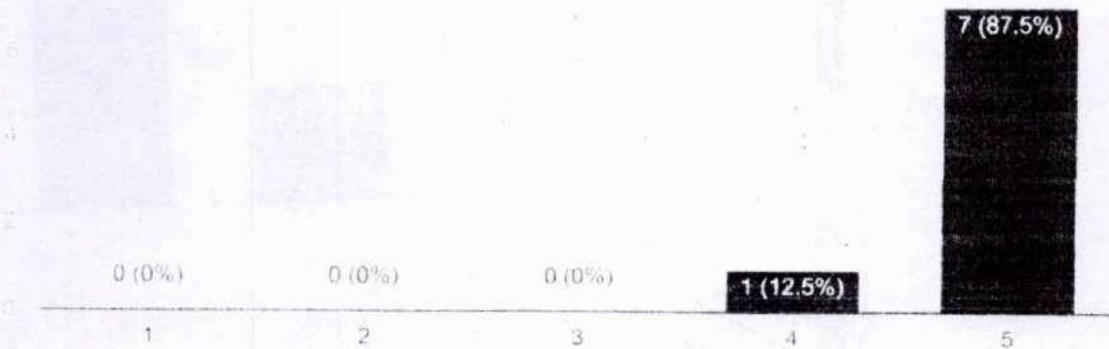
8 responses



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

☐ Copy


8 responses



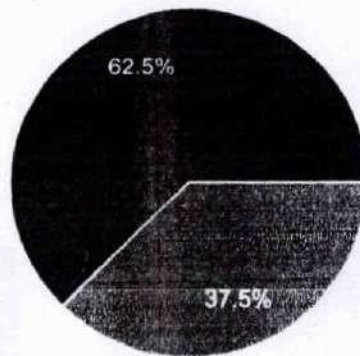
Sandesh
HOD/UG





Leena
-Dr. LEENA A V
PRINCIPAL
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PAYANUR, KANNUR

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

 Copy

8 responses

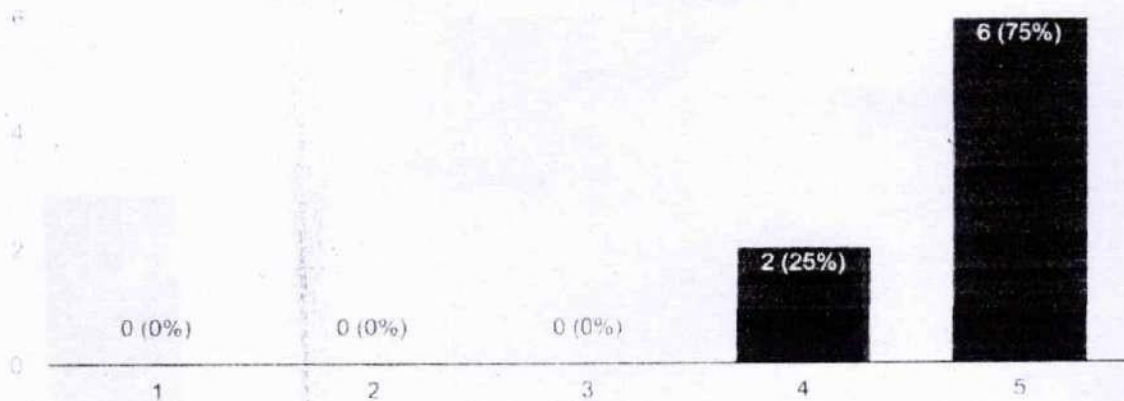


-  Very deep
-  Moderately deep
-  Superficial
-  Not deep enough

How well did the FDP program meet your expectation?

 Copy

8 responses



Sundith
Hop/ut

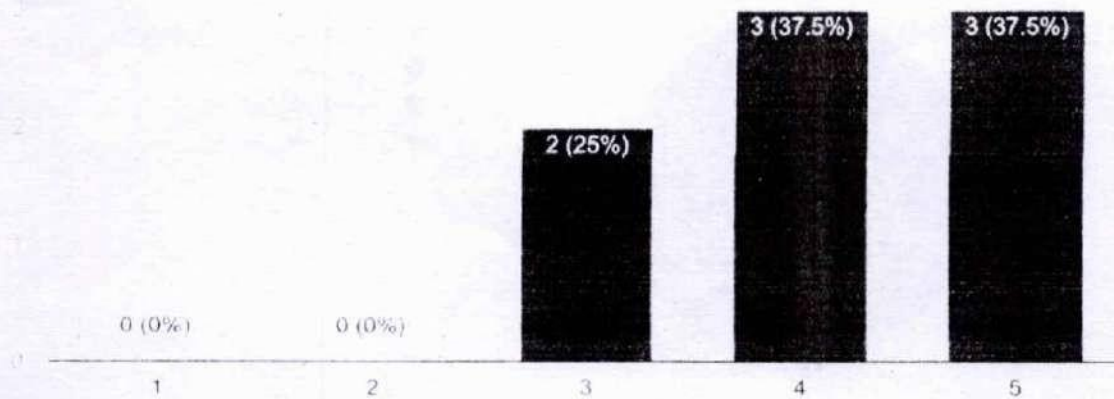


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How do you rate the quality of the refreshment and lunch provided?

☐ Copy

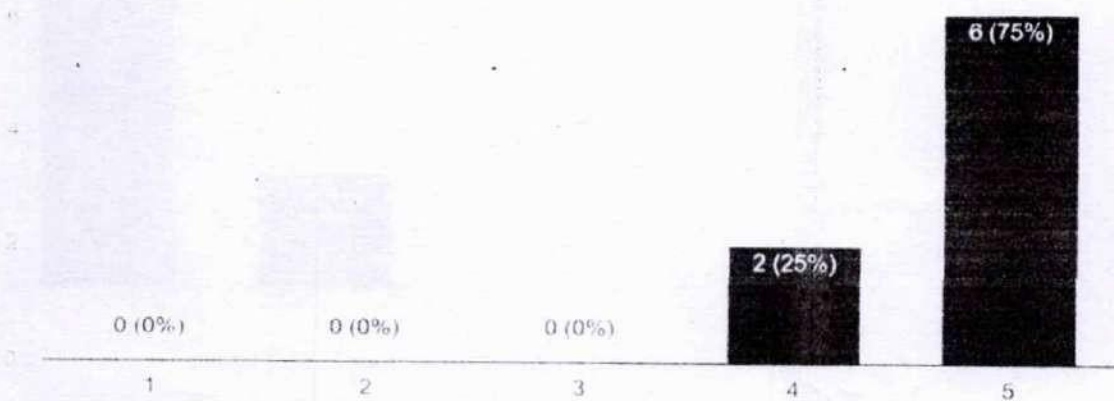
8 responses



Rate the Overall ambience of the lab where FDP was conducted

☐ Copy

8 responses



*Sundarsh
HOD/CE*

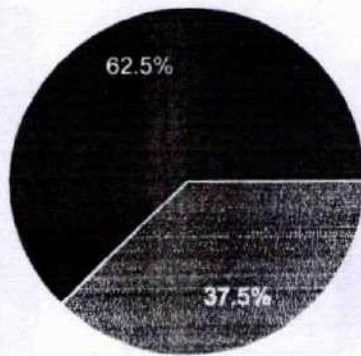
Leena





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

 Copy

8 responses

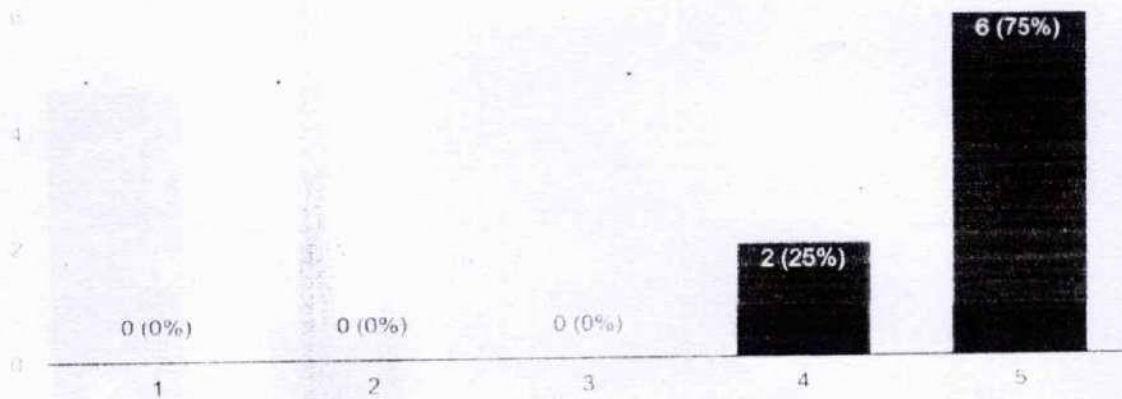


-  Very deep
-  Moderately deep
-  Superficial
-  Not deep enough

How well did the FDP program meet your expectation?

 Copy

8 responses



Sandesh C
HOP/UG



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

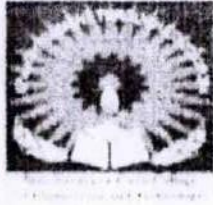
Over all very good experience

Nil

Santhosh
HOD/UG

Leena

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



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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	
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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 : 2


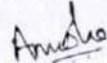







Date : 28/2/23


Session : FN & AN

SL. No.	Name	Email Id	Contact Number	College Name	Department	Signature
1	Shabin P	shabinpp@gmail.com	9895495451	COE, Thalassery	ECC	
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5	Chaitanya K P	chaitanyakp@sngcet.org chaitanyakp@gmail.com	9567241147	SNGCET, Payyanur	ECE	
6	Thrishna S	thrishna@sngcet.org	9496271164	SNGCET, Payyanur	ECE	
7	Meera M	meeram@sngcet.org	9495836283	SNGCET, Payyanur	ECE	

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10	Shruthi P	shruthi p@sngcet.org	9061534320	"	CSE	
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FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON IoT WITH HANDS-ON SESSION
ATTENDANCE SHEET

Day : 3

Date : 1/3/2023

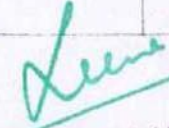
Session : FN & AN

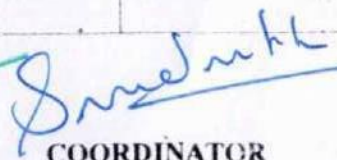
SL. No.	Name	Email Id	Contact Number	College Name	Department	Signature
1	Jyothi.K	jyothik@ceetkr.ac.in	9539390919	CE Trikanipur	ECE	
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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 NoorDhan	hela510@ynho.com	9497021630	CE TKR	CSE	
2	Shabin P	shabinpp@gmail.com	9895495451	CE TLV	ECG	
3	Maresh V.V	maresh.v.v@gmail.com	9447685090	CE TKR	ECE	
4	Tharishra S	tharishra@sngcet.org	9496271164	SNGCET, Payyanur	ECE	
5	Abhaya D K	abhayadk@sngcet.org	8016471912	SNGCET	ECE	
6	Chaitanya K.P	chaitanyakp@sngcet.org	9567741147	SNGCET	IoT	
7.	Shruthi P	shruthip@sngcet.org	9061534320	SNGCET	CSE	

SL. No.	Name	Email Id	Contact Number	College Name	Department	Signature
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9	Varsha M	varshan@sngcet.org	9400806397	SNGCET	CSE	Varsha
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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
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4	Huda NoorDean	huda510@yahoo.com	9697021630	CE Trivandrum	CSE	
5	Ratheesh T	ratheshtcet@gmail.com	9847690280	CCE Trivandrum	ECE	
6	Theerthna S	theerthna	96196271164	SNJCET	ECE	
7	Jyothik K	jyothik@cetkr.ac.in	9539390919	CE Trivandrum	ECE	

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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

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

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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 Pottakuthu, Principal College of Engineering Trikkaripur.

Sundar k
HOD/USE

Leena
DR. LEENA A V
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PAYANUR, KANNUR

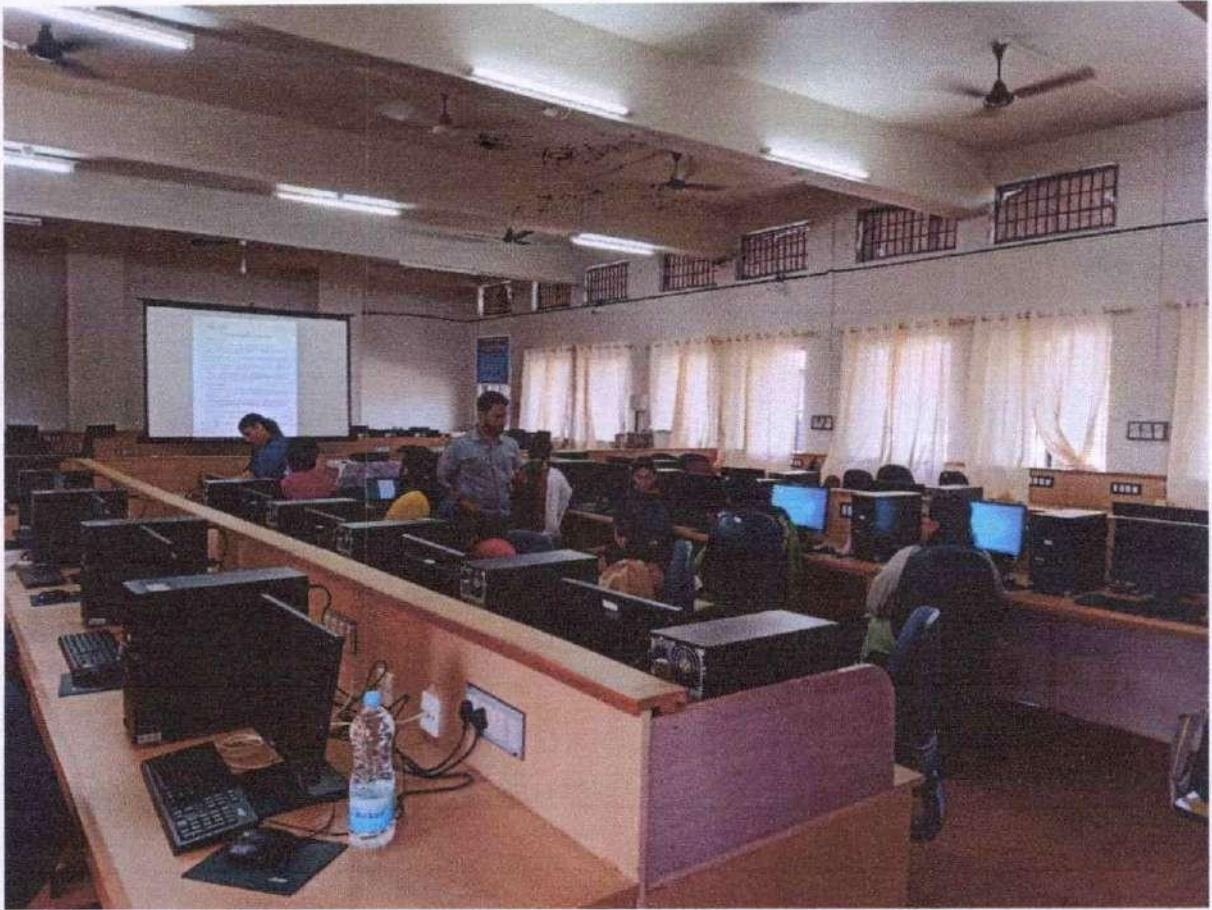


A group photo taken after the Valedictory function of Five days FDP on IoT Hands - on Training session with the Chief guest Mr. Premachandran K E DySP, Payyannur.

*Suresh
HOD/UG*

Leena

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PAYYANUR, KANNUR



IoT Hands - On session

Leena

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Certificate distribution to the participants from the Chief guest

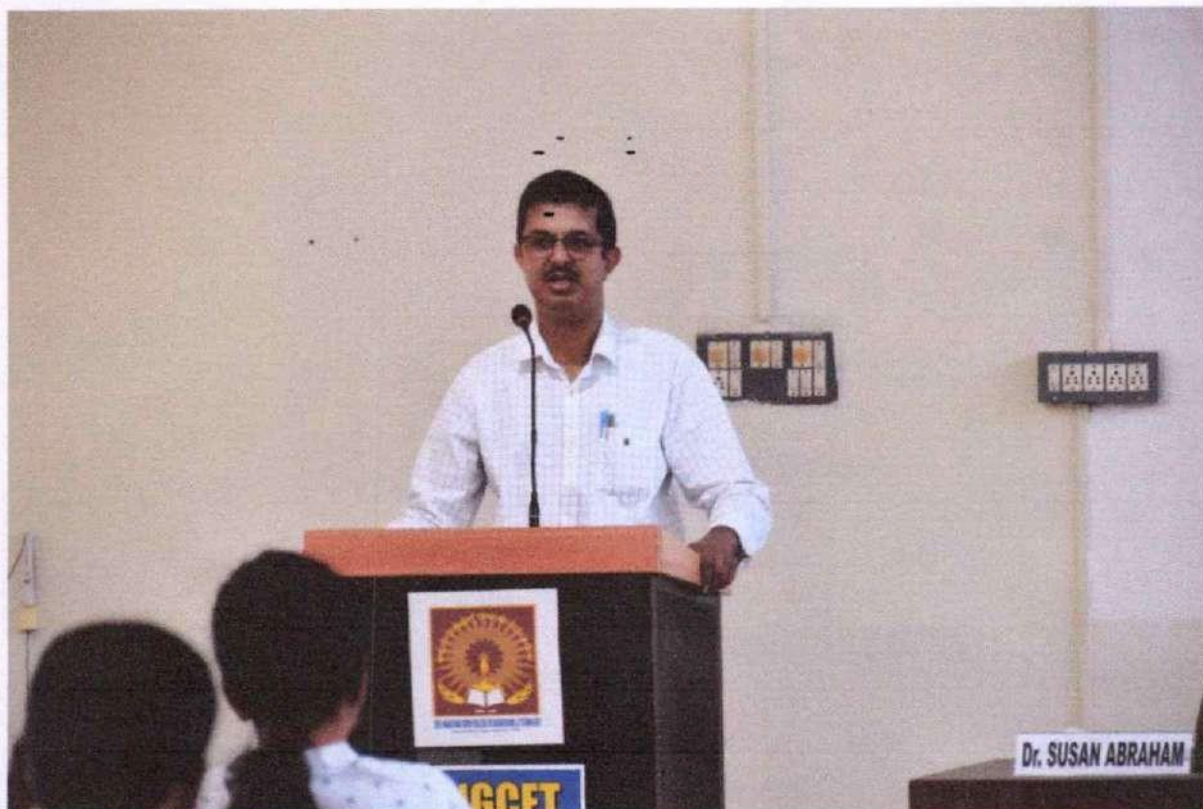
Dr. LEENA A V
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PAYYANUR, KANNUR



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

Leena

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

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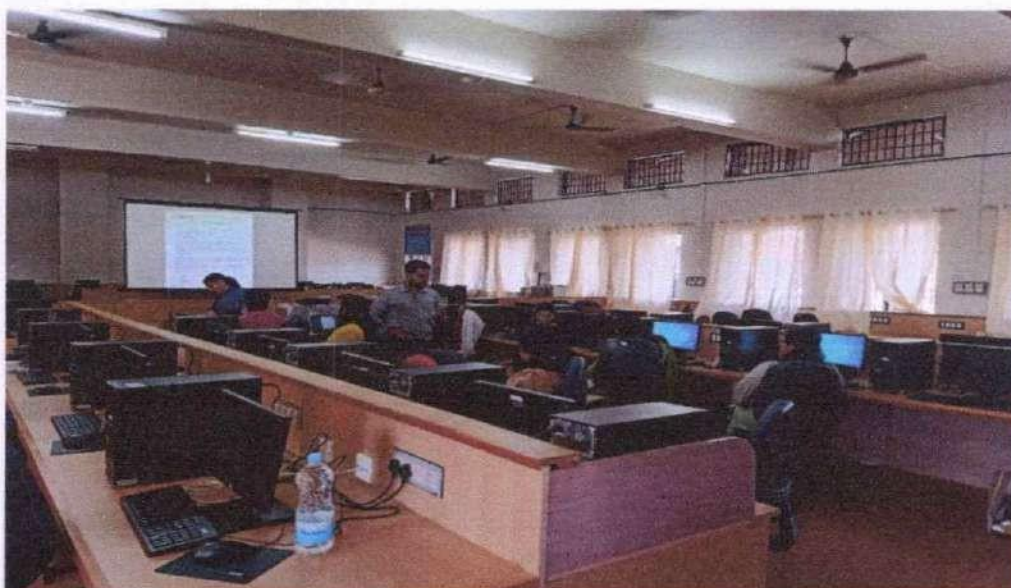


Inaugurating the Five days FDP on IoT with Hands - on session by lightning the lamp.

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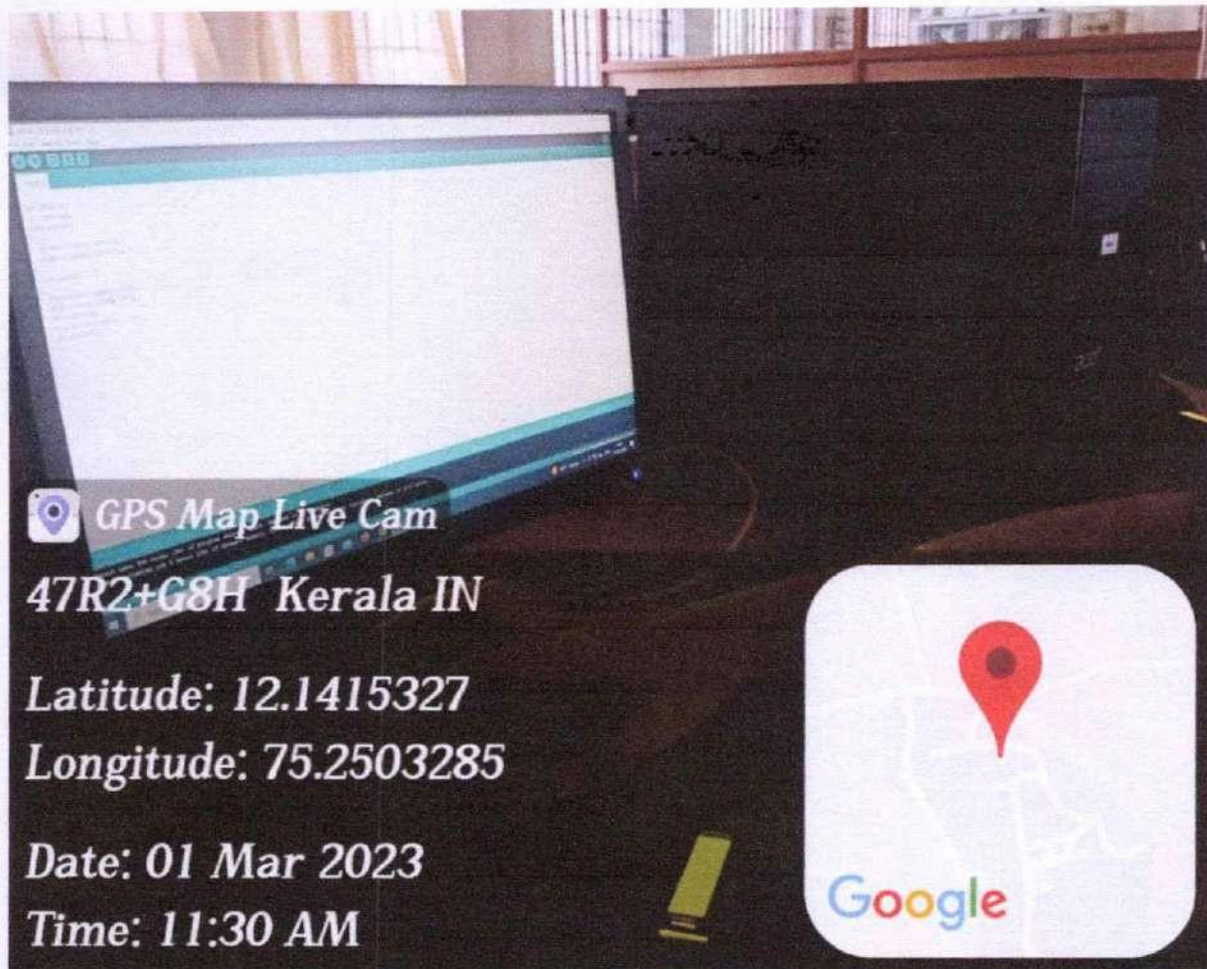


A group photo taken after the Inaugural function of Five days FDP on IoT Hands - On Training session with the Chief guest Mr. Vinod Pottakuathu, Principal College of Engineering Trikkaripur.



IoT Hands - On session

Leena
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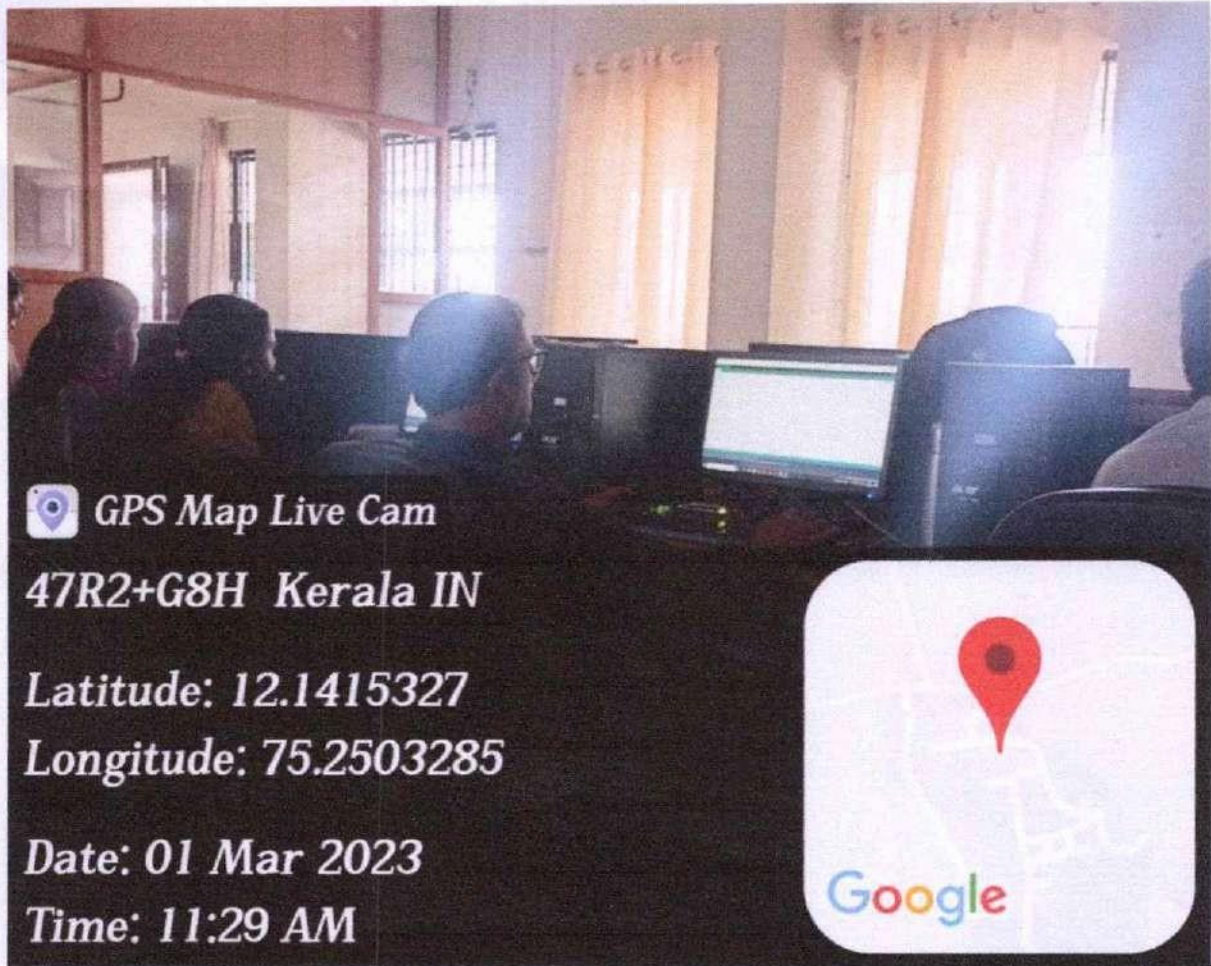
IoT Hands - On session (01 March 2023)

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IoT Hands - On session (01 March 2023)

Dr. LEENA A V
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IoT Hands - On session (01 March 2023)

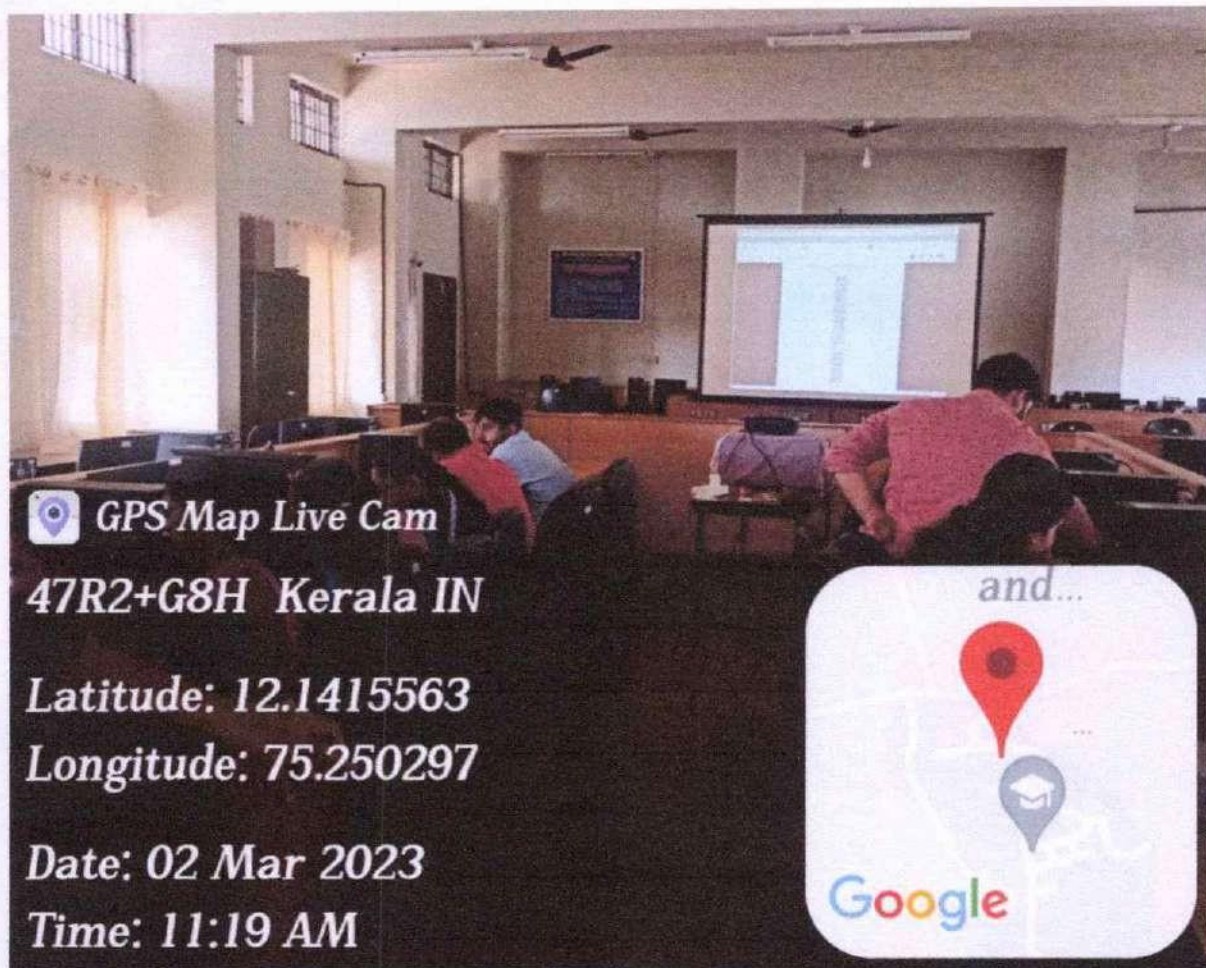


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IoT Hands - On session (02 March 2023)


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IoT Hands - On session (02 March 2023)

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 **GPS Map Live Cam**
47R2+G8H Kerala IN
Latitude: 12.1415563
Longitude: 75.250297
Date: 02 Mar 2023
Time: 11:22 AM



IoT Hands - On session (02 March 2023)

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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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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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POST EVENT ANALYSIS FORM

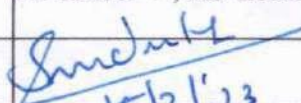
**Submitted by the department of: COMPUTER SCIENCE AND ENGINEERING,
ELECTRONICS AND COMMUNICATION ENGINEERING**

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	✓

PAGE 2 OF 2

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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	✓

PAGE 3 OF 2

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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
4	Dated Signature	Sunder

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:



PAGE 4 OF 2

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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
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY






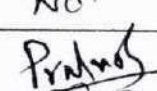
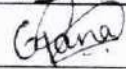


REPORT ON ONE DAY TRAINING SESSION BY CRAFT SUCCESS

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.

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


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 PAYYANUR, KANNUR

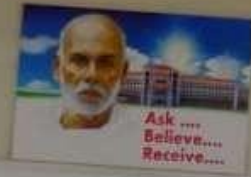
Electrical and Electronics Engineering				
1	Mr. ABHILASH KRISHNAN T K	Yes <i>Abhilash</i>		
2	Ms. PRABHA CHANDRAN	NO		
3	Mr. MANU C	NO		
4	Mr. VAISHAKH M NAYANAR	NO		
5	Ms. ARCHANA C P	Yes		
6	Mr. VILAS P	✓ <i>onob</i>		
Electronics and Communication Engineering				
1	Prof. RAVEENDRAN K	YES		
2	Ms. 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>Easwar</i>		
8	Mr. DHANARAJ K	<i>Dhanraj</i>		
9	Mr. GANGADHARAN A	NO		

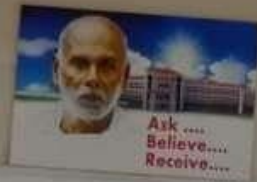

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 PAYYANUR, KANNUR

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>Amitha</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>Neel</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>Abhi</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
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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, PATTANUR
KANNUR

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**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.

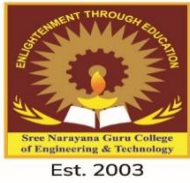
Session was followed by interactive activities, Training sessions, group discussion sessions, mind games, strategy planning for improving teaching learning environment, result improvement strategies.

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.

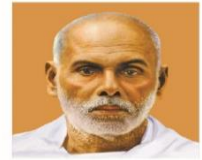
The change in the attitude and the mind-set of the students where also reviewed and the strategies to implant the values and the importance of education where discussed. And also the discussed about the methods to cope with the attitude of the students.

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.

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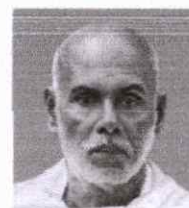


LIST OF PARTICIPATING TEACHING AND NON –TEACHING STAFF



Sree Narayana Guru College of Engineering & Technology

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



List of Teaching Staff Participated in Faculty Development Programmes (FDP), Professional Development /Administrative Training Programs, 2018-23

Year : 2018-2019

Teaching Staff

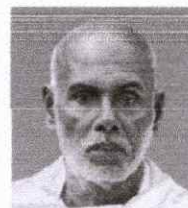
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2018-2019	ABHILASH KRISHNAN T K	Assistant Professor	TRAINING PROGRAM ON NBA ACCREDITATION PROCESS	17-12-2018 to 22-12-2018
2018-2019	RAJITHA K V	Assistant Professor	FDP on " Machine Learning Techniques and Tools	24.07.2019 - 26.07.2019
2018-2019	JITHIKA M	Assistant Professor	Programme on "NBA ACCREDITATION PROCEDURES"	17.12.2018 - 22.12.2018
2018-2019	JITHIKA M	Assistant Professor	FDP on Excellence Unlimited	11.01.2019 - 12.01.2019
2018-2019	JITHIKA M	Assistant Professor	Seminar on BIOINFORMATICS	08.09 .2018
2018-2019	JITHIKA M	Assistant Professor	Detection of CyberBullying based on feature set	16.03.2018 - 17.03.2018
2018-2019	JITHIKA M	Assistant Professor	FDP on deep learning	26.04.2019 - 27.04.2019
2018-2019	JITHIKA M	Assistant Professor	FDP on "Image Processing and Computer Vision"	10.12.2018 - 15.12.2018
2018-2019	PRINSHA PRAKASH	Assistant Professor	FDP on Excellence Unlimited	11.01.2019 - 12.01.2019
2018-2019	PRINSHA PRAKASH	Assistant Professor	FDP on deep learning	09.07.2019- 11.07.2019
2018-2019	PRINSHA PRAKASH	Assistant Professor	FDP on Machine Learning	23.04.2018 - 27.04.2018
2018-2019	SREERAJI NARAYANAN	Assistant Professor	TRAINING PROGRAM ON NBA ACCREDITATION PROCESS	17-12-2018 to 22-12-2018



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2018-2019	SREERAJI NARAYANAN	Assistant Professor	FDP on Excellence Unlimited	11.01.2019-12.01.2019
2018-2019	DILNA O K	Assistant Professor	Programme on "NBA ACCREDITATION PROCEDURES"	17.12.2018 - 22.12.2018
2018-2019	DILNA O K	Assistant Professor	FDP on Machine Learning	23.04.2018 - 27.04.2018
2018-2019	LEENA NARAYANAN	Assistant Professor	FDP on " interactive learning modules for innovative pedagogy incircuits and electronics"	27.05.2019-31.05.2019
2018-2019	LEENA NARAYANAN	Assistant Professor	Programme on "NBA ACCREDITATION PROCEDURES"	17.12.2018 - 22.12.2018
2018-2019	AMITHA I C	Assistant Professor	FDP on "Image Processing and Computer Vision"	10.12.2018 - 15.12.2018
2018-2019	AMITHA I C	Assistant Professor	Programme on "NBA ACCREDITATION PROCEDURES"	17.12.2018-22.12.2018
2018-2019	AMITHA I C	Assistant Professor	FDP on "Excellence Unlimited "	11.01.2019-12.01.2019

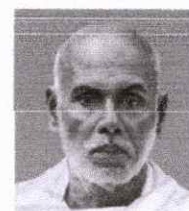
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Year : 2019 - 2020

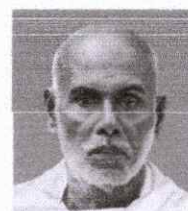
Teaching Staff

Year	Name of the participant	Designation	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2019-2020	BUSHRA ABDULLA N T	Assistant Professor	Workshop on "Advanced antennas for modern applications"	05.12.2020
2019-2020	Ms. SHILPA VALSAKUMAR	Assistant Professor	FDP on excellence unlimited	11-01-2019 to 12-01-2019
2019-2020	Ms. SARITHA SASINDRAN	Assistant Professor	Webinar on effective communication	7-11-2020 to 7-11-2020
2019-2020	THULASIBAI A	Assistant Professor	Machine Learning Course with Python online course	24.01.2020
2019-2020	THULASIBAI A	Assistant Professor	Workshop on Cloud Computing	31.07.2020
2019-2020	SREERAJI NARAYANAN	Assistant Professor	Webinar on "Grow and be a Star"	18.07.2020
2019-2020	SREERAJI NARAYANAN	Assistant Professor	FDP on Data Analytics and Machine Learning	03.08.2020 - 08.08.2020
2019-2020	SREERAJI NARAYANAN	Assistant Professor	Webinar on When to trust a self-driving car	23.07.2020
2019-2020	SREERAJI NARAYANAN	Assistant Professor	FDP on Advances in Signal Processing and Machine Learning	20.07.2020 - 26.07.2020
2019-2020	SREERAJI NARAYANAN	Assistant Professor	Webinar on A Reinforcement Learning Framework for Mobile Relay Beamforming	24.07.2020
2019-2020	SREERAJI NARAYANAN	Assistant Professor	Webinar on Empathetic Conversational Artificial Intelligence	26.07.2020
2019-2020	SREERAJI NARAYANAN	Assistant Professor	Webinar online presenting methodologies for teaching Community	08.07.2020
2019-2020	SREERAJI NARAYANAN	Assistant Professor	Webinar on " BlockChain Technology "	30.07.2020




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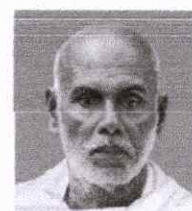
2019-2020	SREERAJI NARAYANAN	Assistant Professor	Workshop on " Introduction to Web Development "	17.07.2020-19.07.2020
2019-2020	SREERAJI NARAYANAN	Assistant Professor	Webinar on "Effective Communication"	7-11-2020 to 7-11-2020
2019-2020	SUBITHA M	Assistant Professor	Webinar " Cyber Security Risk and Challenges due to covid -19	14.08.2020
2019-2020	SREERAJI NARAYANAN	Assistant Professor	FDP on " Pedagogical and E-Learning Tools FOR Teaching "	04.08.2020-10.08.2020
2019-2020	SREERAJI NARAYANAN	Assistant Professor	Webinar "Deep Learning "	10.08.2020
2019-2020	ABHILASH KRISHNAN	Assistant Professor	" Industrail Automation and Introduction"	16.11.2019
2019-2020	AMITHA I C	Assistant Professor	FDP ON " Python for Signal & Image Processings	20.01.2020-25.01.2020
2019-2020	PRABHA CHANDRAN	Assistant Professor	FDP on "Advanced Methodologies For Effective Learning "	30.12.2019-01.01.2020
2019-2020	PRINSHA PRAKASH	Assistant Professor	FDP on "Advanced Methodologies For Effective Learning "	30.12.2019-01.01.2020
2019-2020	SARITHA SASINDRAN	Assistant Professor	Workshop on 'TEACH BIG "	3.08.2020-07.08.2020
2019-2020	SARITHA SASINDRAN	Assistant Professor	Use of Micro Materials in Concrete	03.07.2020


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Year : 2020 - 2021

Teaching Staff

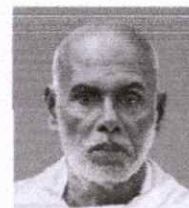
Year	Name of the participant	Designation	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2020-2021	SUBITHA M B	Assistant Professor	AICTE-ISTE sponsored six-day online FDP	22-03-2021 - 27-03-2021
2020-2021	SUBITHA M B	Assistant Professor	NoSQL database MongoDB using python	06-05-2021 - 07-05-2021
2020-2021	SUBITHA M B	Assistant Professor	Augmented reality and virtual reality	07-06-2021 - 11-06-2021
2020-2021	SUBITHA M B	Assistant Professor	Innovation incubation and research challenges	21-06-2021 - 25-06-2021
2020-2021	SUBITHA M B	Assistant Professor	Soft skills and self-publishing	06-03-2021
2020-2021	SUBITHA M B	Assistant Professor	Python for engineers	26-04-2021 - 30-04-2021
2020-2021	LEENA NARAYANAN	Assistant Professor	Recent trends in AI and ML	28-06-2021 - 30-06-2021
2020-2021	BUSHRA ABDULLA N T	Assistant Professor	Recent trends in AI and ML	28-06-2021 - 30-06-2021
2020-2021	BUSHRA ABDULLA N T	Assistant Professor	Advanced antennas for modern applications	12-05-2020
2020-2021	Ms. MARY SONIA GEORGE B	Assistant Professor	Webinar on outcome based education and accreditation	09-03-2021
2020-2021	Mr.SHIBIN B	Assistant Professor	FDP for civil engineers	04-10-2021- 09-10-2021
2020-2021	Mr. PREMANAND C	Assistant Professor	Certificate of participation for educational course organised by IOV- Registered valuers foundation	10-09-2021- 19-09-2021
2020-2021	NIMISHA MK	Assistant Professor	Advanced antennas for modern applications	05.12.2020
2020-2021	NIMISHA MK	Assistant Professor	Recent advancements in wireless communication technologies	13.07.2021 - 17.07.2021
2020-2021	NIMISHA MK	Assistant Professor	Signal processing and machine learning techniques-emerging trends	06.09.2021- 10.09.2021
2020-2021	NIMISHA MK	Assistant Professor	Multidisciplinary applications of MATLAB	22.07.2021 - 24.07.2021



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2020-2021	NIMISHA MK	Assistant Professor	VLSI and embedded systems in industries - career opportunities	13.09.2021 - 18.09.2021
2020-2021	SWETHA PAI	Assistant Professor	Webinar on "Artificial Intelligence"	21.11.2020
2020-2021	SWETHA PAI	Assistant Professor	Webinar on "Education in Europe and Impact of COVID19"	10.10.2020
2020-2021	SWETHA PAI	Assistant Professor	FDP on "Professional Ethics in current pandemic scenario"	22.02.2021 - 27.02.2021
2020-2021	SWETHA PAI	Assistant Professor	Webinar on " Industry Quality Management"	28.05.2021
2020-2021	SWETHA PAI	Assistant Professor	Workshop on "Typesetting Using LaTeX"	30.04.2021 - 01.05.2021
2020-2021	SWETHA PAI	Assistant Professor	FDP on "Deep Learning And Neural Network"	05.07.2021- 09.07.2021
2020-2021	SWETHA PAI	Assistant Professor	FDP on " Business Intelligence Applications And Tools "	07.06.2021- 11.06.2021
2020-2021	SUNDER V	Assistant Professor	Webinar on "IOT AND AI"	22.05.2021
2020-2021	ANU MOHAN M	Assistant Professor	FDP ON " Systemizing Research Problem Finding to patenting "	29.03.2021- 31.03.2021
2020-2021	BUSHRA ABDULLA N T	Assistant Professor	FDP on " Multidisciplinary applications of Matlab"	22.07.2021- 24.07.2021
2020-2021	SREERAJI NARAYANAN	Assistant Professor	FDP on "Block Chain "	02.11.2020- 06.11.2020
2020-2021	SUNDER V	Assistant Professor	STTP "on "Data Analytics and Supporting Services Using Machine Learning "	07.11.2020- 12.11.2020

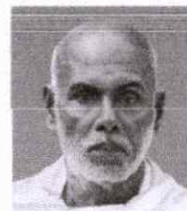

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Year : 2021 - 2022

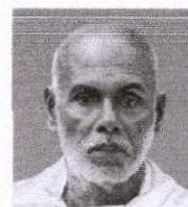
Teaching Staff

Year	Name of the participant	Designation	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2021-2022	BUSHRA ABDULLA N T	Assistant Professor	Signal processing and machine learning techniques-emerging trends	06.09.2021 - 10.09.2021
2021-2022	BUSHRA ABDULLA N T	Assistant Professor	Recent advancements in wireless communication technologies	13.07.2021 - 17.07.2021
2021-2022	SUNDER V	Assistant Professor	Soft Computing Techniques and Hands on with MATLAB	09.05.2022 - 13.05.2022
2021-2022	VIJINA VIJAYAN	Assistant Professor	FDP on Artificial Intelligence and Data Science	17.03.2022 - 19.03.2022
2021-2022	VIJINA VIJAYAN	Assistant Professor	FDP on Recent Trends and Application of NLP	14.02.2022 - 18.02.2022
2021-2022	VARSHA M	Assistant Professor	Artificial Intelligence and Data Science	17.03.2022 - 19.03.2022
2021-2022	VARSHA M	Assistant Professor	FDP on Recent Trends and Application of NLP	14.02.2022 - 18.02.2022
2021-2022	NIMISHA MK	Assistant Professor	FDP on Artificial Intelligence and Data Science	17.03.2022 - 19.03.2022
2021-2022	THULASIBAI A	Assistant Professor	Soft Computing Techniques and Hands on with MATLAB	09.05.2022 - 13.05.2022
2021-2022	THULASIBAI A	Assistant Professor	Two Weeks International Workshop ON Research Methodology, Academic Writing & Publishing	15.02.2022 - 26.02.2022
2021-2022	NEHA M V	Assistant Professor	FDP on Recent Trends and Application of NLP	14.02.2022 - 18.02.2022
2021-2022	NEHA M V	Assistant Professor	Artificial Intelligence and Data Science	17.03.2022 - 19.03.2022
2021-2022	NEHA M V	Assistant Professor	FDP on Management of software system	22.11.2021 - 27.11.2021
2021-2022	SHARIJA P	Assistant Professor	FDP on skill set requirement and research opportunities in industrial revolution 4.0	26.04.2021 - 30.04.2021
2021-2022	SHARIJA P	Assistant Professor	FDP on Recent Trends and Application of NLP	14.02.2022 - 18.02.2022
2021-2022	SHARIJA P	Assistant Professor	Workshop on "Typesetting Using LaTeX	30.04.2021 - 01.05.2021



Sree Narayana Guru College of Engineering & Technology

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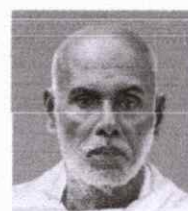
2021-2022	SHARIJA P	Assistant Professor	Webinar on "Test Automation using Selenium with Python"	29.05.2021
2021-2022	SHARIJA P	Assistant Professor	Webinar on "Be Cyber Safe"	09.05.2021
2021-2022	SHARIJA P	Assistant Professor	Webinar on "Startup challenges and Opportunities"	05.06.2021
2021-2022	SHARIJA P	Assistant Professor	Artificial Intelligence and Data Science	17.03.2022 - 19.03.2022
2021-2022	SHARIJA P	Assistant Professor	Webinar on "Block Chain and Cryptocurrencies "	29.03.2021
2021-2022	ANU MOHAN	Assistant Professor	FDP on Data Analytics - A hands on experience	19.03.2021
2021-2022	ANU MOHAN	Assistant Professor	FDP on " Mathematical Foundation for Machine Learning	22.03.2021 - 26.03.2021
2021-2022	JINSHA CJ	Assistant Professor	FDP on "Machine Learning with its Mathematical Foundations"	02.03.2021 - 06.03.2021
2021-2022	JINSHA CJ	Assistant Professor	FDP on "Professional Ethics in current pandemic scenario"	22.02.2021 - 27.02.2021
2021-2022	SWETHA PAI	Assistant Professor	FDP on "Data Analytics using R"	23.06.2021 - 25.06.2021
2021-2022	SWETHA PAI	Assistant Professor	Webinar on "Test Automation using Selenium with Python"	29.05.2021
2021-2022	SWETHA PAI	Assistant Professor	FDP on "Machine Learning with its Mathematical Foundations"	02.03.2021 - 06.03.2021

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



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Year : 2022 - 2023

Teaching Staff

Year	Name of the participant	Designation	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2022-2023	Prof.RAVEENDRAN K	Assistant Professor	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022
2022-2023	LEENA NARAYANAN	Assistant Professor	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022
2022-2023	THRISHNA S	Assistant Professor	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022
2022-2023	VANI R	Assistant Professor	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022
2022-2023	MEERA M	Assistant Professor	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022
2022-2023	ABHILASH KRISHNAN T K	Assistant Professor	ISO 21001:2018 AWARENESS	13.09.2022 - 14.09.2022
2022-2023	THRISHNA S	Assistant Professor	Workshop on VLSI to system design:Silicon to End Application approach	31.07.2023-04.08.2023
2022-2023	PRABHA CHANDRAN	Assistant Professor	ISO 21001:2018 AWARENESS	13-09-2022 - 14-09-2022
2022-2023	PRABHA CHANDRAN	Assistant Professor	SYSTEM MODELLING AND CONTROL DESIGN - RECENT PERSPECTIVES	30-01-2023 - 03-02-2023
2022-2023	Dr. SUSAN ABRAHAM	Assistant Professor	A study on biomimetics for sustainable concrete structures	28-04-2023
2022-2023	Dr. SUSAN ABRAHAM	Assistant Professor	Tall structures design and construction	07-04-2022, 09-04-2022
2022-2023	Dr. SUSAN ABRAHAM	Assistant Professor	Training course on ISO21001.2018 awareness	13-09-2022, 14-09-2022
2022-2023	Ms. MARY SONIA GEORGE B	Assistant Professor	Concrete mix design workshop	28-04-2023
2022-2023	Ms. MARY SONIA GEORGE B	Assistant Professor	Training course on ISO21001.2018 awareness	13-09-2022 - 14-09-2022
2022-2023	Ms. SHILPA VALSAKUMAR	Assistant Professor	Training course on ISO21001.2018 awareness	13-09-2022 - 14-09-2022
2022-2023	Ms. SARITHA SASINDRAN	Assistant Professor	Training course on ISO21001.2018 awareness	13-09-2022 - 14-09-2022

Dr. LEENA A V
PRINCIPAL

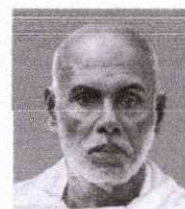
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY



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



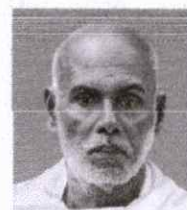
2022-2023	Ms. SARITHA SASINDRAN	Assistant Professor	Webinar on latest trends and techniques in architecture for home building	19-04-2023
2022-2023	Ms. SHILPA VALSAKUMAR	Assistant Professor	Concrete mix design workshop	4-28-2023 -4-28-2023
2022-2023	Mr.SHIBIN B	Assistant Professor	Webinar on sustainable construction materials : Towards net zero carbon	18-03-2023
2022-2023	Mr.SHIBIN B	Assistant Professor	Webinar on rainwater harvesting : A home buliding essential today	22-03-2023
2022-2023	Ms. SHAMYA SUKUMARAN M	Assistant Professor	Concrete mix design workshop	28-04-2023
2022-2023	Ms. SHAMYA SUKUMARAN M	Assistant Professor	Webinar on sustainable construction materials : Towards net zero carbon	18-03-2023
2022-2023	Ms. REVATHI P	Assistant Professor	Webinar on construction issues precast structural systems	28-03-2023
2022-2023	Ms. REVATHI P	Assistant Professor	Webinar on sustainable construction materials : Towards net zero carbon	18-03-2023
2022-2023	Ms. POOJA K P	Assistant Professor	Concrete mix design workshop	28-04-2023
2022-2023	Ms. POOJA K P	Assistant Professor	Webinar on sustainable construction materials : Towards net zero carbon	18-03-2023
2022-2023	Ms. RISHNA K RAMAN	Assistant Professor	Concrete mix design workshop	28-04-2023
2022-2023	Ms. RISHNA K RAMAN	Assistant Professor	Webinar on construction issues precast structural systems	28-03-2023

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



Sree Narayana Guru College of Engineering & Technology

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



List of Non Teaching Staff Participated in Faculty Development Programmes (FDP), Professional Development /Administrative Training Programs, 2018-23.

Non -Teaching Staff				
Year	Name of the participant	Designation	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2021-2022	AKHIL K C	Lab Instructor (Special Grade)	ISO 21001:2018 AWARENESS	13.09.2022 to 14.09.2022
2021-2022	SAHITH P	Trade Instructor Senior	ISO 21001:2018 AWARENESS	13.09.2022 to 14.09.2022


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



CERTIFICATES FOR PROGRAMMS ATTENDED BY TEACHING AND NON-TEACHING STAFF



Sree Narayana Guru College of Engineering & Technology

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



CERTIFICATES –TEACHING STAFF

ZANDIG TQM SOLUTIONS PVT LTD

BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

K.RAVEENDRAN

*Has successfully completed a
Training Course on*

ISO 21001:2018 AWARENESS

Course Date /s

13th & 14th SEPTEMBER 2022



Certificate Reference ZT/002/22-23/019

Authorized Signatory

306, 7th Cross, 2nd Main, Domlur Layout, Bangalore 560 071 email : zandig.blr@gmail.com
Website : www.zandig.com

Leena
Dr. LEENA. A. V.
PRINCIPAL

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

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BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

LEENA NARAYANAN

*Has successfully completed a
Training Course on*
ISO 21001:2018 AWARENESS

Course Date /s

13th & 14th SEPTEMBER 2022



Certificate Reference ZT/002/22-23/012 *Authorised Signatory*

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Website : www.zandig.com

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BANGALORE, COIMBATORE

CERTIFICATE

This is to certify that

THRISHNA.S

*Has successfully completed a
Training Course on*
ISO 21001:2018 AWARENESS

Course Date /s

13th & 14th SEPTEMBER 2022



Certificate Reference ZT/002/22-23/011 *Authorised Signatory*

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Website : www.zandig.com

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Dr. LEENA A. V.
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ENGINEERING & TECHNOLOGY, PAYYANUR,
KANNUR

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BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

VANI.R

*Has successfully completed a
Training Course on
ISO 21001:2018 AWARENESS*

Course Date /s

13th & 14th SEPTEMBER 2022



Certificate Reference ZT/002/22-23/032 *Authorised Signatory*

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Website : www.zandig.com

Dr. LEENA A. V.
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SREE NARAYANA GURU COLLEGE OF
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BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

MEERA.M

*Has successfully completed a
Training Course on
ISO 21001:2018 AWARENESS*

Course Date /s

13th & 14th SEPTEMBER 2022



Certificate Reference

ZT/002/22-23/010

Authorised Signatory

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Dr. LEENA A. V.
PRINCIPAL

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ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

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BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

ABHILASH KRISHNAN.T.K

*Has successfully completed a
Training Course on*

ISO 21001:2018 AWARENESS

Course Date /s

13th & 14th SEPTEMBER 2022



Certificate Reference

ZT/002/22-23/026

Authorized Signatory
CC

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Website : www.zandig.com

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



Learn on arm



This is to certify that

Thrishna S

from

Sree Narayana Guru College of Engineering and Technology Payyanur

has participated in the workshop:

VLSI to System Design: Silicon to End Application Approach

Organized by – All India Council for Technical Education (AICTE),
Arm Education and STMicroelectronics
from July 31st to 4th August 2023

Dr Ramesh Unnikrishnan
Advisor-II,
Training and Learning Bureau,
All India Council for Technical
Education (AICTE)

Arnaud Julienne
Vice President,
Microcontrollers and Digital ICs Group,
IoT/AI Competence Center and Digital Marketing,
China and APAC, STMicroelectronics

Guru Ganesan
President and Managing Director,
Arm India

Dr Khaled Benkrid
Senior Director,
Education and Research,
Arm Ltd

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

ZANDIG TQM SOLUTIONS PVT LTD

BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

PRABHA CHANDRAN

*Has successfully completed a
Training Course on*

ISO 21001:2018 AWARENESS

Course Date /s

13th & 14th SEPTEMBER 2022



Certificate Reference

ZT/002/22-23/028

Authorized Signatory

306, 7th Cross, 2nd Main, Domlur Layout, Bangalore 560 071 email : zandig.blr@gmail.com
Website : www.zandig.com



GOVERNMENT COLLEGE OF ENGINEERING KANNUR
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



KTU Sponsored Faculty Development Programme on
SYSTEM MODELLING & CONTROL DESIGN - RECENT PERSPECTIVES

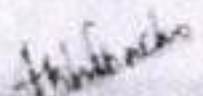
Certificate of Participation

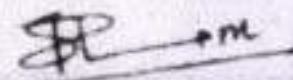
This is to certify that Shri./Smt./Dr. **PRABHA CHANDRAN** ASSISTANT PROFESSOR


SNG COLLEGE OF ENGINEERING & TECHNOLOGY, PAYYANNUR


has successfully completed the FDP on **SYSTEM MODELLING & CONTROL DESIGN - RECENT PERSPECTIVES** organized by the Department of Electrical & Electronics Engineering, Government College of Engineering Kannur from 30.01.23 to 03.02.23


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


Prof. Akhil Chacko
(Coordinator)


Prof. Thresia M.M.
(Coordinator)


Dr. M. Rajesh
(HoD EEE)


Dr. Resmi V.O.
(Principal)



J.J. COLLEGE OF ENGINEERING AND TECHNOLOGY
(Sowdambikaa Group of Institutions)

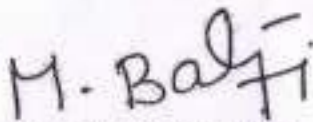



CERTIFICATE OF PRESENTATION

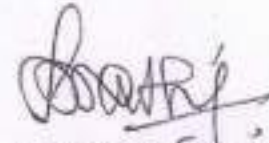
This is to certify that **Dr. SUSAN ABRAHAM**
has successfully presented a paper titled **A STUDY ON BIOMIMETICS
FOR SUSTAINABLE CONCRETE STRUCTURES**

in the **INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN
CIVIL ENGINEERING [ICRACE-2023]**

organised by JJ College of Engineering & Technology
(Sowdambikaa Group of Institutions) Trichy, held on 28, April 2023.


Mr. M. BALAJI
Convenor


Dr. A. ANANTHI
Conference Chair


Dr. P. MATHIYALAGAN
Principal

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



HINDUSTAN
INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)



**SCHOOL OF BUILDING SCIENCES
DEPARTMENT OF CIVIL ENGINEERING**

CERTIFICATE OF PARTICIPATION

This is to certify that **Mr./Ms./Dr. SUSAN ABRAHAM** has attended the workshop on **"TALL STRUCTURES: DESIGN AND CONSTRUCTION"** organized by the Department of Civil Engineering of Hindustan Institute of Technology and Science in association with 'Eversendai Constructions Pvt. Ltd.' during 07th - 09th April 2022.

Dr V Preethi
Head,
Department
of Civil Engineering

Mr Samuel J
Assistant professor
Department
of Civil Engineering

Dr P S Joanna
Professor
Department
of Civil Engineering

Dr K Saravanan
Vice – President
Eversendai
Constructions Pvt. Ltd.

Dr. LEENA A. V.
PRINCIPAL
GREEN HORIZON COLLEGE OF
ENGINEERING & TECHNOLOGY, KANNUR
KANNUR

ZANDIG TQM SOLUTIONS PVT LTD

BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

Dr.SUSAN A.BRAHMAN

*Has successfully completed a
Training Course on*

ISO 21001:2010 AWARENESS

Course Date /s

13th & 14th SEPTEMBER 2022



ZT/002/22-23/002

Certificate Reference

Authorised Signatory

306, 7th Cross, 2nd Main, Domlur Layout, Bangalore 560 071 email : zandig.blr@gmail.com
Website : www.zandig.com

Leena
Dr. LEENA A. V.
PRINCIPAL

SHREE KANYAKA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PONDURU
KARNATAKA



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY

(Promoted by Sree Bhakthi Samvardhini Yogam, Kannur)
Chalakkode P.O, Payyanur, Kannur - 670307, Kerala



DEPARTMENT OF CIVIL ENGINEERING

In Association with **UDBHAVA**

NATIONAL LEVEL TECH FEST

CERTIFICATE OF PARTICIPATION



ARCVIL

This is to certify that

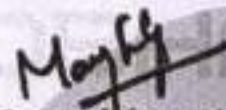
Mr/Ms B. MARY SONIA GEORGE


of SNECET, PAYYANUR

has attended the workshop on "Concrete Mix Design" held as part of **UDBHAVA**
on 28th April 2023 conducted by Ultratech Cement Pvt. Ltd.


Coordinator
Mr. SHIBIN.B


Mrs. B MARY SONIA GEORGE (HOD)


Organizing Chair
Mrs. B MARY SONIA GEORGE (HOD)


Principal
Dr. LEENA A V

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

ZANDIG TQM SOLUTIONS PVT LTD

BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

B.MARY SONIA GEORGE

*Has successfully completed a
Training Course on*

ISO 21001:2018 AWARENESS

Course Date /s

13th & 14th SEPTEMBER 2022



ZT/002/22-23/003

Certificate Reference

Authorized Signatory

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Website : www.zandig.com

Leena
DR. LEENA A. V.
PRINCIPAL
SREE NAVUKANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYANUR
KANNUR

ZANDIG TQM SOLUTIONS PVT LTD

BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

SHILPA VALSAKUMAR

*Has successfully completed a
Training Course on
ISO 21001:2018 AWARENESS*

Course Date /s

13th & 14th SEPTEMBER 2022



ZT/002/22-23/005

Certificate Reference

Authorised Signatory

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Dr. LEENA A. V.
PRINCIPAL

JESSE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAVANUR,
COIMBATORE.

ZANDIG TQM SOLUTIONS PVT LTD

BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

SARITHA SASINDRAN

*Has successfully completed a
Training Course on
ISO 21001:2018 AWARENESS*

Course Date /s
13th & 14th SEPTEMBER 2022



ZT/002/22-23/004

Certificate Reference

Authorized Signatory

306, 7th Cross, 2nd Main, Domlur Layout, Bangalore 560 071 Email : zandig.blr@gmail.com
Website : www.zandig.com

A handwritten signature in green ink, appearing to read 'Leena', is written over a horizontal line.

DR. LEENA A. V.
PRINCIPAL
SREE NIVASAM GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PYSNAILUR
KARNATAKA

CERTIFICATE

PROUDLY PRESENTED TO

Saritha Sasindran

**Latest Trends and Techniques in Architecture for
Homebuilding**

Apr 19, 2023

Date of Completion

UltraTech Cement Ltd.

Organizer -



Ghar Banega,
Sahi Banega

Dr. LEENA A. V.
PRINCIPAL
BREE NARAYANA GURU COLLEGE OF



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY

(Promoted by Sree Bhakthi Samvardhini Yogam, Kannur)
Chalakode P.O, Payyanur, Kannur - 670307, Kerala



DEPARTMENT OF CIVIL ENGINEERING

In Association with UDBHAVA

NATIONAL LEVEL TECH FEST

CERTIFICATE OF PARTICIPATION



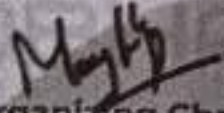
ARCIL

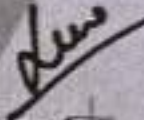
This is to certify that

Mr/Ms SHILPA VALSAKUMAR
of SNGCET, PAYYANUR

has attended the workshop on "Concrete Mix Design" held as part of UDBHAVA
on 28th April 2023 conducted by Ultratech Cement Pvt. Ltd.


Coordinator
Mr. SHIBIL B


Organizing Chair
Mrs. B MARY SONIA GEORGE (HOD)


Principal
Dr. LEENA A V

CERTIFICATE

PROUDLY PRESENTED TO

Shibin B

**Sustainable Construction Materials: Towards Net
Zero Carbon**

Mar 18, 2023

Date of Completion

UltraTech Cement Ltd.

Organizer



**Dr. LEENA A. V.
PRINCIPAL**

**SHREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, THIRUVANMIKURU
KANNIYAKUMARI**

CERTIFICATE

PROUDLY PRESENTED TO

Shibin B

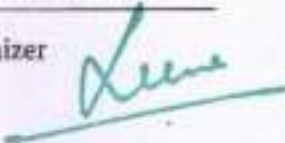
Utec Webinar Series : Rainwater Harvesting: A
homebuilding essential today

Mar 22, 2023

Date of Completion

UltraTech Cement Ltd.

Organizer



Dr. LEENA A. V.
PRINCIPAL



Ghar Banega,
Sahi Banega



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY

(Promoted by Sree Bhakthi Samvardhini Yogam, Kannur)
Chalakkode P.O, Payyanur, Kannur - 670307, Kerala



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CERTIFICATE OF PARTICIPATION



ARCIVIL

This is to certify that

Mr/Ms SHAMYA SUKUMARAN M.

of SNGCET, PAYYANUR

has attended the workshop on "Concrete Mix Design" held as part of **UDBHAVA**
on 28th April 2023 conducted by Ultratech Cement Pvt. Ltd.

Coordinator
Mr. SHIBIN.B

Organizing Chair

Mrs. B MARY SONIA GEORGE (HOD)

Principal
Dr. LEENA A V

CERTIFICATE

PROUDLY PRESENTED TO

SHAMYA SUKUMARAN M

Sustainable Construction Materials: Towards Net
Zero Carbon

Mar 18, 2023

Date of Completion

UltraTech Cement Ltd.

Organizer



Leena

Dr. LEENA A. V.
PRINCIPAL

SHRI YANNA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PONDICHERRY

CERTIFICATE

PRESENTED TO,

REVATHI P

FOR ATTENDING THE WEBINAR ON
CONSTRUCTION ISSUES IN PRECAST STRUCTURAL SYSTEMS

Speaker of the Webinar: Dr. G. Appa Rao

March 28, 2023

QCRETE READYMIX (INDIA) PVT LTD


SHELLY FERNANDES
(MANAGING DIRECTOR)



CERTIFICATE

PROUDLY PRESENTED TO

REVATHI P

**Sustainable Construction Materials: Towards Net
Zero Carbon**

Mar 18, 2023

Date of Completion

UltraTech Cement Ltd.

Organizer



Leena

Dr. LEENA A. V.
PRINCIPAL

LEENA A. V. S. COLLEGE OF
ENGINEERING & TECHNOLOGY
TANDUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY

(Promoted by Sree Bhakthi Samvardhini Yogam, Kannur)
Chalakode P.O, Payyanur, Kannur - 670307, Kerala



DEPARTMENT OF CIVIL ENGINEERING In Association with **UDBHAVA** NATIONAL LEVEL TECH FEST **CERTIFICATE OF PARTICIPATION**



ARCIVIL

This is to certify that

Mr/Ms Pooja K. P.
of SNGCET, PAYYANUR

has attended the workshop on "Concrete Mix Design" held as part of **UDBHAVA**
on 28th April 2023 conducted by Ultratech Cement Pvt. Ltd.

Coordinator
Mr. SHIBIN.B

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

Organizing Chair

Mrs. B MARY SONIA GEORGE (HOD)

Principal
Dr. LEENA A V

CERTIFICATE

PROUDLY PRESENTED TO

POOJA K P

**Sustainable Construction Materials: Towards Net
Zero Carbon**

Mar 18, 2023

Date of Completion

UltraTech Cement Ltd.

Organiser

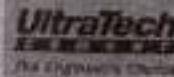


Dr. LEENA, A.V.
PRINCIPAL
BRIE INDIANVA GARD COLLEGE OF
ENGINEERING & TECHNOLOGY, PATTANUR
KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF CIVIL ENGINEERING

In Association with **UDBHAVA**

NATIONAL LEVEL TECH FEST

CERTIFICATE OF PARTICIPATION




ARCIVIL

This is to certify that

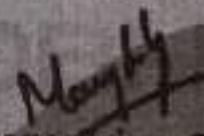
Mr/Ms RISHNA K RAMAN

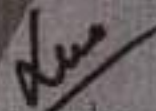
of SNGCET, PAYYANUR

has attended the workshop on "Concrete Mix Design" held as part of **UDBHAVA**
on 28th April 2023 conducted by Ultratech Cement Pvt. Ltd.


Coordinator
Mr. SHIBIN.B


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


Organizing Chair
Mrs. B MARY SONIA GEORGE (HOD)


Principal
Dr. LEENA A V

CERTIFICATE

PRESENTED TO,


RISHNA K RAMAN

FOR ATTENDING THE WEBINAR ON
CONSTRUCTION ISSUES IN PRECAST STRUCTURAL SYSTEMS

Speaker of the Webinar: Dr. G. Appa Rao

March 28, 2023.

QCRETE READYMIX (INDIA) PVT LTD


SHELLY FERNANDES
(MANAGING DIRECTOR)



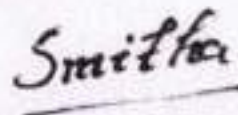
CERTIFICATE

Of Participation

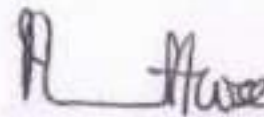
THIS IS TO CERTIFY THAT

NIMISHA M K

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



Dr. Smitha Suresh
Convener



Dr. Kemthose P Paul
Principal



Dr. L. Suresh A. V.
Principal
Sree Narayana Guru College of Engineering and Technology
Payyannur Kannur



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

CET Campus, Thiruvananthapuram, Kerala-695016

CERTIFICATE OF PARTICIPATION


This is to certify that


Mr. Divyathej M V

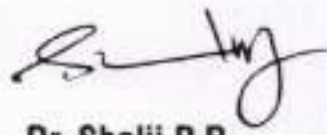
Assistant Professor

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

24/09/2022


Dr. K Gopakumar
IQAC Coordinator


Dr. LEENA A. V.
PRINCIPAL
SHREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
MANNUR


Dr. Shalij P R
Dean (Academics)

ZANDIG TQM SOLUTIONS PVT LTD

BANGALORE, COIMBATORE

CERTIFICATE

This is to certify that

DIVYATHEJ.M.V.

*Has successfully completed a
Training Course on*

ISO 21001:2018 AWARENESS

Course Date /s

13th & 14th SEPTEMBER 2022



Certificate Reference ZT/002/22-23/030 *Authorised Signatory*

306, 7th Cross, 2nd Main, Domlur Layout, Bangalore 560 071 email : zandig.blr@gmail.com
Website : www.zandig.com

ZANDIG TQM SOLUTIONS PVT LTD

BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

RAHUL.A.M.

*Has successfully completed a
Training Course on*

ISO 21001:2018 AWARENESS

Course Date /s

13th & 14th SEPTEMBER 2022



Certificate Reference ZT/002/22-23/031

Authorised Signatory

306, 7th Cross, 2nd Main, Domlur Layout, Bangalore 560 071 email : zandig.blr@gmail.com
Website : www.zandig.com

2022

ZANDIG TQM SOLUTIONS PVT LTD

BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

JACOB THOMAS

*Has successfully completed a
Training Course on*

ISO 21001:2018 AWARENESS

Course Date /s

13th & 14th SEPTEMBER 2022



Certificate Reference

ZT/002/22-23/029

Authorised Signatory

306, 7th Cross, 2nd Main, Domlur Layout, Bangalore 560 071 email : zandig.blr@gmail.com
Website : www.zandig.com

Leena
Dr. LEENA A. V.
PRINCIPAL

SHREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

ZANDIG TQM SOLUTIONS PVT LTD

BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

BINDIYA.M.C

*Has successfully completed a
Training Course on
ISO 21001:2018 AWARENESS*

Course Date /s

13th & 14th SEPTEMBER 2022



Certificate Reference ZT/002/22-23/008 *Authorised Signatory*

306, 7th Cross, 2nd Main, Domlur Layout, Bangalore 560 071 email : zandig.blr@gmail.com
Website : www.zandig.com

Leena A. V.
Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYANUR
12/08/2022



College of Engineering Thalassery

ISO CERTIFIED INSTITUTION WITH NBA ACCREDITED PROGRAMMES

Approved by AICTE & AFFILIATED to APJ Abdul Kalam Kerala Technological University

CERTIFICATE

This is to certify that ~~Dr.~~ / ~~Mr.~~ / Mrs.

Leena Narayanan, A.P, SNGCET

has participated in Faculty Development Programme
**Build Your Future- FPGA And Cloud Integration Using
a Design Thinking Lens** Sponsored by TEQIP Phase II
from 25/07/2023 to 27/07/2023 held at College Of
Engineering Thalassery, Organized by Department Of
Electronics And Communication Engineering.

[Signature]
27/07/23

Head of the department



[Signature]

Coordinators

[Signature]

Dr. LEENA A. V.
PRINCIPAL



COLLEGE OF ENGINEERING TRIVANDRUM

Department of Computer Science and Engineering

CERTIFICATE

This is to certify that Ms. NEHA M V, Assistant Professor in CSE, Sree Narayana Guru College of Engineering and Technology has attended Faculty Development Programme on Management of Software Systems organized by the Department of Computer Science and Engineering, College of Engineering Trivandrum, and sponsored by APJ Abdul Kalam Technological University from 22nd to 27th November 2021.

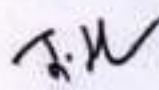

Dr. Salim A.

Course Coordinator



Dr. Sumesh Divakaran

Professor & Head




Dr. Jiji C. V.

Principal


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



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that Bushra Abdulla N T, Assistant Professor of Sree Narayana Guru College of Engineering and Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Signal Processing and Machine Learning Techniques:Emerging Trends" from 06/09/2021 to 10/09/2021 at SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY.

Advisor-I, ATAL Academy
Mamta Rani Agarwal



Coordinator

DR. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING AND TECHNOLOGY, PAYYANUR
KANNUR



NSS COLLEGE OF ENGINEERING
PALAKKAD - 678008
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE OF PARTICIPATION

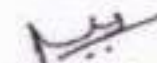
No: NSS/FDP/RAWT/61


This is to certify that Ms. BUSHRA ABDULLA has participated in the Faculty Development Programme on

"Recent Advancements in Wireless Communication Technologies"
from 13.07.2021 to 17.07.2021, organized by the Department of Electronics and Communication Engineering, NSS College of Engineering, Palakkad and sponsored by APJ Abdul Kalam Technological University, Kerala.


Dr. Sumi M
Co-ordinator


Prof. Ashok S Kumar
Co-ordinator


Dr. Binu G S
Head of the Department


Dr. P R Suresh
Principal


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

aitam



ADITYA INSTITUTE OF
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Accredited by NBA (UG: CSE, ECE, EEE, ME, CE & IT)
Accredited by NAAC(UGC) with A+ Grade
Recognised by UGC Under Section 2(f) & 12(B)
TEQIP Participated College
Recognised by Scientific & Industrial Research Organisation(SIRO)

CERTIFICATE OF PARTICIPATION

This Certificate is Presented to

Sunder V

Assistant Professor, Dept. of CSE

Sree Narayana Guru College of Engineering and Technology Payyanur, Kannur

*For Participating in one week Online Faculty Development Program (FDP)
on*

“Soft Computing Techniques and Hands on with MATLAB”

Organized by

*Department of Electronics and Communication Engineering
Aditya Institute of Technology and Management (A), Tekkali, AP, India.
from 09/05/2022 to 13/05/2022*

D. Yugandhar

Dr.D.Yugandhar
Convener

B. Rama Rao

Dr. B.Rama Rao
HOD-ECE

A.S. Srinivasa Rao

Dr.A.S.Srinivasa Rao
Principal, AITAM

Leena A. V.

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



SNGCE

SREE NARAYANA GURUKULAM
COLLEGE OF ENGINEERING

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Vijina Vijayan
From

**Sree Narayana Guru College of engineering and
technology**

has participated in the FDP on
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
Organized By Department of Computer Science & Engineering,
Sree Narayana Gurukulam College of Engineering,
From 17th to 19th march 2022

Dr. Vidhya P M
HOD, CSE

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

Dr. Kemthose P Paul
PRINCIPAL, SNGCE



SCMS School of Engineering and Technology

(Approved by AICTE and affiliated to APJ Abdul Kalam Technological University)

Vidya Nagar, Karukutty, Ernakulam - 683576 Kerala

Department of Computer Science and Engineering Certificate of Participation

This is to certify that **Ms. Vijina Vijayan**

Assistant Professor, CSE, Sree Narayana Guru College of Engineering & Technology

has participated in the five days online Faculty Development Programme on Recent Trends and Applications of NLP organised by Department of Computer Science and Engineering, SCMS School of Engineering and Technology, Karukutty, Kerala from 14th February 2022 to 18th February 2022.

Ms. Sindhya K Nambiar
Programme Coordinator

Dr. Varun G Menon
HOD, Dept of CSE

Dr. Praveensal C J
Principal

Dr. Praveensal C J,
Principal,
Sree Narayana Guru College of
Engineering & Technology, Poyyur,
Kannur



SNGCE

SREE NARAYANA GURUKULAM
COLLEGE OF ENGINEERING

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Varsha M

From

**Sree Narayana Guru College of Engineering and
Technoogy, Payyanur**

has participated in the FDP on
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
Organized By Department of Computer Science & Engineering,
Sree Narayana Gurukulam College of Engineering,
From 17th to 19th march 2022

Vidhya

Dr. Vidhya P M
HOD, CSE

Leena
Dr. LEENA A. V.
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

R. Kemthose

Dr. Kemthose P Paul
PRINCIPAL, SNGCE

SCMS School of Engineering and Technology

(Approved by AICTE and affiliated to APJ Abdul Kalam Technological University)

Vidya Nagar, Karukutty, Ernakulam - 683576 Kerala

Department of Computer Science and Engineering

Certificate of Participation

This is to certify that **Mrs. Varsha M**

Assistant Professor, CSE, Sree Narayana Guru College of Engineering & Technology


has participated in the five days online Faculty Development Programme on Recent Trends and Applications of NLP organised by Department of Computer Science and Engineering, SCMS School of Engineering and Technology, Karukutty, Kerala from 14th February 2022 to 18th February 2022.



Ms. Sindhya K Nambiar
Programme Coordinator



Dr. Varun G Menon
HOD, Dept of CSE



Dr. Praveensal C J
Principal



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



SNGCE

SREE NARAYANA GURUKULAM
COLLEGE OF ENGINEERING

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

NIMISHA M.K

From

SNGCET, PAYYANUR

has participated in the FDP on
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
Organized By Department of Computer Science & Engineering,
Sree Narayana Gurukulam College of Engineering,
From 17th to 19th march 2022

Dr. Vidhya P M
HOD, CSE

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

Dr. Kemthose P Paul
PRINCIPAL, SNGCE

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Accredited by NAAC(UGC) with A+ Grade
Recognised by UGC Under Section 2(f) & 12(B)
TEQIP Participated College
Recognised by Scientific & Industrial Research Organisation(SIRO)

CERTIFICATE OF PARTICIPATION

This Certificate is Presented to

Thulasibai A

Assistant Professor, Dept. of CSE

Sreenarayana Guru College of Engineering and Technology, Payyanur

*For Participating in one week Online Faculty Development Program (FDP)
on*

“Soft Computing Techniques and Hands on with MATLAB”

Organized by

*Department of Electronics and Communication Engineering
Aditya Institute of Technology and Management (A), Tekkali, AP, India.
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D. Yugandhar

Dr.D.Yugandhar
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B. Rama Rao

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HOD-ECE

A.S. Srinivasa Rao

Dr.A.S.Srinivasa Rao
Principal, AITAM

Leena

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



Sir Syed College, Taliparamba

(Affiliated to Kannur University: Re-accredited by NAAC with A Grade)
Kannur, Kerala, India, Pin - 670142

Research Forum in Association with IQAC

TWO WEEKS INTERNATIONAL WORKSHOP ON

Research Methodology, Academic Writing & Publishing (IWRAP-22)

CERTIFICATE

This is to certify that **Thulasibai A, Faculty, SSNIT Kanhangad**, has participated in Two Weeks International Workshop on “**Research Methodology, Academic Writing & Publishing (IWRAP-22)**” organized by Research Forum in association with IQAC from **15 to 26 February, 2022**.

Dr. Tajo Abraham
(IQAC Coordinator)



Dr. Mohanan V.T.V.
(Convener)

Dr. Ismail Olayikkara
(Principal)

GREEN UNIVERSITY SIR SYED COLLEGE TALIPARAMBA
RESEARCH & INQUIRY FORUM
KANNUR



SCMS School of Engineering and Technology

(Approved by AICTE and affiliated to APJ Abdul Kalam Technological University)

Vidya Nagar, Karukutty, Ernakulam - 683576 Kerala

Department of Computer Science and Engineering Certificate of Participation

This is to certify that **Ms. Neha M V**

Assistant Professor, CSE, Sree Narayana Guru College of Engineering & Technology

has participated in the five days online Faculty Development Programme on Recent Trends and Applications of NLP organised by Department of Computer Science and Engineering, SCMS School of Engineering and Technology, Karukutty, Kerala from 14th February 2022 to 18th February 2022.

Ms. Sindhya K Nambiar
Programme Coordinator

Dr. Varun G Menon
HOD, Dept of CSE

Dr. Praveensal C J
Principal

LET A.V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
KANNUR



SNGCE

SREE NARAYANA GURUKULAM
COLLEGE OF ENGINEERING

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

NEHA M V

From

**Sree Narayana Guru College of engineering and
technology**

has participated in the FDP on
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
Organized By Department of Computer Science & Engineering,
Sree Narayana Gurukulam College of Engineering,
From 17th to 19th march 2022

Dr. Vidhya P M
HOD, CSE

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

Dr. Kemthose P Paul
PRINCIPAL, SNGCE



Faculty Development Programme on
**“Skill Set requirements and Research
Opportunities in Industrial Revolution 4.0”**



Organized by

Baslios Mathews II College of Engineering,

Accredited with Grade B+ by NAAC

Lake View, Muthupilakadu, Sasthamcotta, Kollam, Kerala, www.bmce.ac.in, bm2coe@gmail.com

Certificate of Participation

*This is to certify that Mrs. SHARIJA P, working as Assistant Professor ,Computer Science and Engineering at Sree Narayana
Guru College of Engineering and Technology has participated in the online Faculty Development Programme on “Skill Set
requirements and Research Opportunities in Industrial Revolution 4.0” sponsored by KTU, organized by Internal Quality Assurance
Cell, Baslios Mathews II College of Engineering from 26th to 30th April 2021.*

**Rev.Fr. Thomas Varghese
Administrator**

Baslios Mathews II College of Engineering



**Dr. LEENA A V
PRINCIPAL**

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

**Dr. L. Padma Suresh
Principal**

Baslios Mathews II College of Engineering



SCMS School of Engineering and Technology

(Approved by AICTE and affiliated to APJ Abdul Kalam Technological University)
Vidya Nagar, Karukutty, Ernakulam - 683576 Kerala

Department of Computer Science and Engineering Certificate of Participation

This is to certify that **Mrs. Sharija P**

Assistant Professor , CSE, Sree Narayana Guru College of Engineering & Technology

has participated in the five days online Faculty Development Programme on Recent Trends and Applications of NLP organised by Department of Computer Science and Engineering, SCMS School of Engineering and Technology, Karukutty, Kerala from 14th February 2022 to 18th February 2022.

Ms. Sindhya K Nambiar
Programme Coordinator

Dr. Varun G Menon
HOD, Dept of CSE

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

Dr. Praveensal C J
Principal



Certificate OF PARTICIPATION

This Certificate is presented to

SHARIJA P

for active participation in the **Two Day Online Workshop**
on "*Typesetting Using LaTeX*"

conducted on **April 30th & May 1st, 2021** organized by

Civil Engineering Association, Sreepathy Institute of Management & Technology - SIMAT, Vavandur

01/05/2021

Date

Sri. Sudheer K. V.
HoD (CE), SIMAT

Dr. S. P. Subramanian
Principal, SIMAT

Certificate generated on 01/05/2021 with ID: SIMAT-CE-01-008

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

CERTIFICATE OF APPRECIATION

This certificate is awarded to

Ms SHARVA P

for successful participation in the webinar "Test Automation using Selenium with Python" held on 29th May 2021, organized by Department of Computer Applications, School of Computer Information and Mathematical Sciences, B.S Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai.

This is an e-certificate. No authorized signature is needed.

P7PUDK-CE000012

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



Certificate of Participation

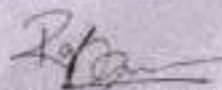
WEBINAR - "BE CYBER SAFE"

This certificate is presented to

Sharija p

of Sree Narayana Guru Engineering College
and Technology

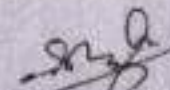
for the participation in the *Cyber Security Awareness Webinar, "Be Cyber Safe"*
organized by the Department of Computer Science & Engineering, Toc H
Institute of Science and Technology, in association with Federal Academy for
Cyber Education (FACE) & Computer Society of India (CSI) on 9th May, 2021.



Mr. Rajeev Therodath
Director, FACE



Asst. Prof. Elsaba Jacob
CSI SBC, TIST




Dr. Sreela Sreedhar
HOD, CSE, TIST



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
IN ASSOCIATION WITH
COMPUTER SOCIETY OF INDIA & FEDERAL ACADEMY FOR CYBER EDUCATION




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

**SREEPATHY INSTITUTE OF
MANAGEMENT AND TECHNOLOGY
VAVANNOOR, PALAKKAD**



Certificate
OF PARTICIPATION

This Certificate is presented to

sharija P

for active participation in the Webinar

on "*Startup: Challenges and Opportunities*"

conducted on **June 5th 2021** organized by **INSPIRE,**

ECED Association, Sreepathy Institute of Management & Technology - SIMAT, Vavannoor

05/06/2021

Date

Prof. Sushma M.
HoD (ECE), SIMAT

Dr. S. P. Subramanian
Principal, SIMAT

Certificate generated on 05/06/21 with ID: SIMAT-ECE-03-042

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



SNGCE
SREE NARAYANA GURUKULAM
COLLEGE OF ENGINEERING

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

SHARIJA P

From

**Sree Narayana Guru College of Engineering and
Technology**

has participated in the FDP on
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
Organized By Department of Computer Science & Engineering,
Sree Narayana Gurukulam College of Engineering,
From 17th to 19th march 2022

Dr. Vidhya P M
HOD, CSE

Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURUKULAM COLLEGE OF
ENGINEERING AND TECHNOLOGY
PALLADI, KANNUR

Dr. Kemthose P Paul
PRINCIPAL, SNGCE



COMPUTER SOCIETY OF INDIA (CSI) STUDENTS CHAPTER
COLLEGE OF ENGINEERING PATHANAPURAM



CERTIFICATE OF PARTICIPATION

This is to certify that
SHARIJA P

Assistant Professor of SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY
has participated in the Webinar on the topic '**BLOCKCHAIN AND CRYPTOCURRENCIES**'
conducted by CSI Students Chapter, College Of Engineering Pathanapuram on 29th March 2021.

Mr Mahesh B
Chairman, CSI

Mrs. Nejiya A K
CSI Student Branch Counselor

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

Dr. Biju Kumar R
Principal



COLLEGE OF ENGINEERING KIDANGOOR
Department of Computer Science and Engineering (NBA Accredited)
Under CAPE - Govt. of Kerala
Kidangoor South P.O, Kottayam - 686 583, www.ce-kgr.org

Certificate of Participation

This is to certify that **Anu Mohan M, Assistant Professor, Sree narayana guru college of engineering and technology, payyanur, kannur** attended the 5 day online Faculty Development Program on ***DATA ANALYTICS- A hands-on Experience*** from 15-Mar-2021 to 19-Mar-2021 organized by Department of Computer Science and Engineering, College of Engineering Kidangoor and Sponsored by TEQIP II.

Dr. K G Viswanadhan
PRINCIPAL

Dr. Ojus Thomas Lee
Head of Department

Anitha Abraham
Coordinators

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

**SREE BUDDHA COLLEGE OF ENGINEERING**

Pattoor Alappuzha

CERTIFICATE OF PARTICIPATION

This is to Certify that

Anu Mohan M, Assistant Professor

of

Sree narayana guru college of engineering and technology, payyanur, kannur

*has attended the KTU sponsored online Faculty Development Programme
"Mathematical Foundations for Machine Learning" jointly organized
by Department of Computer Science and Engineering & Department of
Mathematics and Basic Sciences from 22 March 2021 to 26 March 2021*



Ms. Lakshmi S.
Coordinator

Ms. Asha S.
Coordinator

Ms. Raji Sankar.
HoD, Dept of BS

Dr. S.V. Annlin Jeba
HoD, Dept of CSE

Dr. K. Krishnakumar
Principal, SBCE

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



**VIMAL JYOTHI
ENGINEERING COLLEGE**
JYOTHI NAGAR, CHEMPERI P.O, KANNUR,
KERALA - 670632



**CSI SPONSORED FACULTY DEVELOPMENT PROGRAMME ON
MACHINE LEARNING WITH ITS
MATHEMATICAL FOUNDATIONS**

**CERTIFICATE
OF PARTICIPATION**

No: ML-MF 31

This is to certify that

Ms. JINSHA C J

Sreenarayana guru college of engineering ,Payyanur

has participated in the One Week Online Faculty Development Programme on "Machine Learning with its Mathematical Foundations" organized by the Department of Computer Science and Engineering in association with the Computer Society of India (CSI) from 2nd March 2021 to 6th March 2021.

Akhila Mathew

Coordinators

Ms. Akhila Mathew

Ansil Nazar

Mr. Ansil Nazar

Convener

Jeethu V. Devasia

Dr. Jeethu V. Devasia

Principal

Benny Joseph

Dr. Benny Joseph

**Dr. LEENA A V
PRINCIPAL**

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

159



COLLEGE OF ENGINEERING PERUMON
Under CAPE, Established by Government of Kerala

CERTIFICATE OF PARTICIPATION

This is to certify that

JINSHA C J

of
SNGCET

has successfully participated in the national online FDP on 'PROFESSIONAL ETHICS IN CURRENT PANADEMIC SCENARIO' on 22 - 27 February 2021 organized by 'Department of Electronics and Communication Engineering', College of Engineering Perumon, Kollam, Kerala, India Sponsored by TEQIP

Coordinator
Prof. Dinu A.G

Coordinator
Prof. Jasna K

Head of Department
Dr. V. Praseedalekshmi

Principal
Dr. Z A Zoya

Dr. LEENA A V
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PATTANAM KANNUR



TKICSKTU2021042



TKM INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

(Affiliated to APJ Abdul Kalam Technological University)
Musaliar Hills, Karuvelil PO, Ezhukone, Kollam. Pin: 691505

Certificate of Participation

This is to certify that

Ms. SWETHA PAI

Assistant Professor, Dept. of Computer Science and Engineering

Sree Narayana Guru College of Engineering and Technology

has participated in the KTU sponsored 3 day online
Faculty Development Programme on "**Data Analytics using R**" organized by the
Department of Computer Science and Engineering from 23rd June 2021 to 25th June 2021.

Ms Revathy Nancy
Asst. Prof., Dept. of CSE
Coordinator

Ms Jomy George
Asst. Prof., Dept. of CSE
Coordinator

Ms Leena Y
Head of Department, CSE

Dr. Jose Prakash M
Principal, TKMIT

Dr. LEENA A V
PRINCIPAL

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

CERTIFICATE OF APPRECIATION

This certificate is awarded to

Ms. Swetha Pai

for successful participation in the webinar "Test Automation using Selenium with Python" held on 29th May 2021, organized by Department of Computer Applications, School of Computer Information and Mathematical Sciences, B.S Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai.

This is an e-certificate. No authorized signature is needed.

P7PUDK-CE000039

Made for free with Certify'em

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



**VIMAL JYOTHI
ENGINEERING COLLEGE**
JYOTHI NAGAR, CHEMPERI P.O, KANNUR,
KERALA - 870632



**CSI SPONSORED FACULTY DEVELOPMENT PROGRAMME ON
MACHINE LEARNING WITH ITS
MATHEMATICAL FOUNDATIONS**

**CERTIFICATE
OF PARTICIPATION**

No: ML-MF 61

This is to certify that

Ms.. SWETHA PAI

SREE NARAYANA GURU COLLEGE OF ENGINEERING &
TECHNOLOGY, PAYYANNUR

has participated in the One Week Online Faculty Development Programme on "Machine Learning with its Mathematical Foundations" organized by the Department of Computer Science and Engineering in association with the Computer Society of India (CSI) from 2nd March 2021 to 6th March 2021.

Akhila Mathew

Coordinators

Ms. Akhila Mathew

Ansil Nazar

Mr. Ansil Nazar

Convener

Jeethu V. Devasia

Dr. Jeethu V. Devasia

Principal

Benny Joseph

Dr. Benny Joseph

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

**AHALIA****SCHOOL OF ENGINEERING & TECHNOLOGY**

ISO 9001:2015 Certified Institution. Approved by AICTE & Affiliated to A. P. J. Abdul Kalam Technological University

Ahalia Health, Heritage & Knowledge Village, Palakkad - 678557 Ph: 04923-226666 www.ahalia.ac.in



Certificate of Participation

This is to certify that Mr./Ms./Dr/Prof Subitha M.B. of
Sree Narayana Guru College of Engineering and Technology
.....has attended and
successfully completed **AICTE - ISTE Sponsored six day online FDP on "Machine Learning and Optimization" Phase II**
from 22nd to 27th March 2021 organized by the Department of Electronics and Communication Engineering of Ahalia
School of Engineering and Technology.

Dr. V. Balamurugan
Coordinator

Dr. Krishna Kumar Kishor
Vice Principal - ASET

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

Dr. P. R. Sreemahadevan Pillai
Principal - ASET

KVM COLLEGE OF ENGINEERING & IT, CHERTHALA

(Affiliated To KTU)



This is to certify that:

Mrs. Subitha M.B

Assistant Professor

Sree Narayana Guru College of Engineering And Technology

*has participated in two-day hands-on Workshop on
“NoSQL database MongoDB using Python”*

*organized by Department of MCA ,
KVM College of Engineering and IT, Cherthala
during 6th May and 7th May 2021*

Josna Joseph
Staff Coordinator

Darsana Ramachandran
HOD

Dr. Manjula Devananda
Principal

Leena
DR. LEENA A. V.
PRINCIPAL

SREE NARAYANA GURU COLLEGE
OF ENGINEERING AND TECHNOLOGY, PAYYANUR
KANNUR



No: ATAL/2021/1623401724



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that Subitha M B, Assistant Professor of SNGCET participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Augmented Reality and Virtual Reality" from 2021-6-7 to 2021-6-11 at Gnanamani College of Technology.

Director ATAL Academies



Coordinator

Dr. LEENA A. V.
PRINCIPAL

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



IES

COLLEGE OF ENGINEERING

P.O. Chittilappilly, Thrissur Dt., Kerala, India - 680 551

PH : 0487 230 99 67 | mail@iesce.info | www.iesce.info

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University

NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL



Certificate of Participation

HN1MTE-CE000146

Organizers



This certificate is proudly presented to

Subitha M B

of **SNGCET** for successfully
participating in the online FDP on "INNOVATION INCUBATION & RESEARCH
CHALLENGES IN INDIA" held from June 21st to 25th June 2021 organized by
Department of ECE in association with IIC, IEDC & IETE cells of IES College
of Engineering.

June 25, 2021

[Signature]
Dr. S. Brilly Sangeetha
Principal, IES College of Engg.

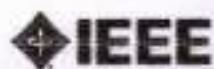
[Signature]
Dr. LEENA A. V.
PRINCIPAL

SHREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR

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IEEE Malabar Hub

IEEE Malabar Subsection



CERTIFICATE

OF PARTICIPATION

This is to certify that Ms SUBITHA M B
has attended the webinar on
Soft Skills and Self-Publishing: An Introduction
conducted by **IEEE Malabar Subsection**
in association with **IEEE Malabar Hub** on **03rd June 2021**

Dr Sabiq P V

Chair
IEEE Malabar Subsection

Dr. Bindima T

Vice Chair
IEEE Malabar Subsection

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



VIMAL JYOTHI ENGINEERING COLLEGE
CHEMPERI, KANNUR



CERTIFICATE OF PARTICIPATION

This is to certify that

Mrs. SUBITHA M B

Assistant professor, SNGCET

has participated in the five days online Faculty Development Program on **PYTHON FOR ENGINEERS** Sponsored by IETE, organized by Electronics and Communication Engineering department, Vimal Jyothi Engineering College, Kannur, Kerala from 26-4-2021 to 30-4-2021.

Dr. Jayesh George M
Coordinator

Dr. Reema Mathew A
Coordinator

Dr. Anto Sahaya Dhas
Head of the Department

30/04/2021

Dr. Benny Joseph
Principal

AHALIA



SCHOOL OF ENGINEERING & TECHNOLOGY

ISO 9001:2015 Certified Institution. Approved by AICTE & Affiliated to A. P. J. Abdul Kalam Technological University
Ahalia Health, Heritage & Knowledge Village, Palakkad - 678557 Ph: 04923-226666 www.ahalia.ac.in



KTU Sponsored Online Three Day Faculty Development Programme

on

RECENT TRENDS IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

28 - 30 July 2021

CERTIFICATE of Participation

This is to certify that Mr./Ms./Dr/Prof **LEENA NARAYANAN** of
..... **Sree Narayana Guru College of Engineering
and Technology, Payyanur** has attended and successfully
completed KTU Sponsored online three day FDP on "Recent Trends in Artificial
Intelligence and Machine Learning 28-30 July 2021 organized by the Department
of Electronics and Communication Engineering of Ahalia School of Engineering
and Technology, Palakkad.

Dr. V. Balamurugan
Coordinator

Dr. Krishna Kumar Kishor
Vice Principal - ASET

Dr. P. R. Sreemahadevan Pillai
Principal - ASET

Dr. LEENA A. V.
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KADAPUR

AHALIA



SCHOOL OF ENGINEERING & TECHNOLOGY

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Ahalia Health, Heritage & Knowledge Village, Palakkad - 678557 Ph: 04923-226666 www.ahalia.ac.in



KTU Sponsored Online Three Day Faculty Development Programme

on

RECENT TRENDS IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

28 - 30 July 2021

CERTIFICATE of Participation

This is to certify that Mr./Ms./Dr/Prof Bushra Abdulla N T of
Sree Narayana Guru College of Engineering has attended and successfully
and Technology, Payyannur
completed KTU Sponsored online three day FDP on "Recent Trends in Artificial
Intelligence and Machine Learning 28-30 July 2021 organized by the Department
of Electronics and Communication Engineering of Ahalia School of Engineering
and Technology, Palakkad.

Dr. V. Balamurugan
Coordinator

Dr. Krishna Kumar Kishor
Vice Principal - ASET

Dr. P. R. Sreemahadevan Pillai
Principal - ASET

Dr. LEENA A.
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANNUR

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
&
NATIONAL BOARD OF ACCREDITATION



CERTIFICATE OF PARTICIPATION

This certificate is presented to

Mary Sonia George B

IQAC Coordinator , Sree Narayana Guru College of Engineering and Technology
*for attending awareness webinar on **Outcome Based Education and Accreditation** conducted jointly by APJ Abdul Kalam Technological University and National Board of Accreditation on 9th March 2021.*

Dr. K Gopakumar
IQAC Coordinator, APJAKTU

DR. LEENA A. M.
OFFICE COORDINATOR
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, KANNUR



GOVERNMENT COLLEGE OF ENGINEERING, KANNUR
Department of Technical Education, Government of Kerala

CERTIFICATE

This is to certify that Sri./Smt./Dr. **SHIBIN B.** has participated in the training programme on *Faculty development training sessions for Civil Engineers* from 04/10/2021 to 09/10/2021, held at Department of Civil Engineering organised by the Government College of Engineering, Kannur.

Dr. Deepu S. P.
Co-ordinator

Greeshma B Nair
Co-Coordinator

Dr. REJINI V O
Principal

Dr. Leena A V
Principal

Date of issue: 20/09/2021



Certificate number: 7042

IOV REGISTERED VALUERS FOUNDATION

(Section 8 Company recognised by IBBI vide Recognition No. IBBI/RVO/2017/002)

CERTIFICATE OF PARTICIPATION

This is to certify that

Prem Anand C

having membership number

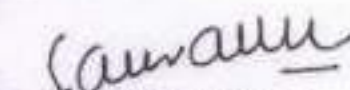
IOVRVF/M/L&B/10993

has completed educational course under Rule 12(2)(a) in accordance
with syllabus and curriculum determined by the authority, under
Rule 5 of the Companies (Registered Valuers and Valuation) Rules,
2017 conducted at **New Delhi**

from 10/09/2021 to 19/09/2021

and is accordingly eligible to write the Valuation Examination
in the asset class '**Land & Building**'.

This certificate shall be valid from 20/09/2021.


General Manager


Officer (G, M & D)

INSPIRE 2020 WEBINAR SERIES



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COLLEGE of ENGINEERING

Approved by AICTE, Affiliated to A.P.J. Abdul Kalam Technological University
Nutmeg Gardens, Kunimappilly RO., Meloor, Thrissur Dist., Kerala, India 680311

www.nice.nirmalacollege.edu.in

PARTICIPATION CERTIFICATE

Awarded to

Ms. SWETHA PAI

For attending the webinar session on '**Artificial Intelligence**' conducted on Wednesday October 21, 2020 as part of the 'INSPIRE 2020' webinar series hosted by Nirmala College of Engineering, Meloor from October 19 to October 23, 2020.

PRINCIPAL

EXECUTIVE DIRECTOR

CHAIRMAN

HOD

www.nice.nirmalacollege.edu.in

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



ConsultEd



Vidya Academy of Science & Technology Technical Campus
A unit of Vidya International Charitable Trust
Approved by AICTE | Affiliated to APJAKTU
Malakkal P.O., Kilimanoor, Thiruvananthapuram - 695 602, Kerala, India

Certificate of Participation

THIS CERTIFICATE IS PROUDLY PRESENTED TO

SWETHA PAI

for the participation in the International webinar

on

"Education in Europe and Impact of COVID19" on 10-10-2020

Organized by Department of Computer Science and Engineering,

Vidya Academy of Science and Technology Technical Campus, Kilimanoor,

in Association with ConsultEd, Germany

Ms. Sreejam M
Asst. Prof -CSE
Coordinator

Ms. K S Anusree
Asst. Prof -CSE
Coordinator

Mrs. Divya Madhu
HOD CSE Dept.

Dr. T. Mathavaraj
Ravikumar
Principal

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



COLLEGE OF ENGINEERING PERUMON
Under CAPE, Established by Government of Kerala

CERTIFICATE OF PARTICIPATION

This is to certify that

SWETHA PAI

OF

Sree Narayana Guru College of Engineering & Technology

has successfully participated in the National online FDP on "PROFESSIONAL ETHICS IN CURRENT PANDEMIC SCENARIO" from 22 - 27 February 2021 organized by "Department of Electronics and Communication Engineering", College of Engineering Perumon, Kollam, Kerala, India Sponsored by TEQIP

Coordinator
Prof. Dinu A.G

Coordinator
Prof. Jasna K

Head of Department
Dr. V. Praseedalekshmi

Principal
Dr. Z A Zoya

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



INDIRA GANDHI INSTITUTE OF
POLYTECHNIC & ENGINEERING



Certificate of Participation

This is to certify that

Swetha Pai

faculty of Sree Narayana Guru College of Engineering and Technology
has actively participated in the webinar on **"Industrial Quality Management"**
organised by Department of Electrical & Electronics Engineering
Indira Gandhi Institute of Polytechnic and Engineering, Nellikuzhy

on May 28, 2021

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

Paul Mathew
HOD, Dept of EEE

Dr. Justin Jose
Principa

**SREEPATHY INSTITUTE OF
MANAGEMENT AND TECHNOLOGY
VAVANOOR, PALAKKAD**



Certificate OF PARTICIPATION

This Certificate is presented to
SWETHA PAI
for active participation in the **Two Day Online Workshop**
on **"Typesetting Using LaTeX"**
conducted on **April 30th & May 1st, 2021** organized by
Civil Engineering Association, Sreepathy Institute of Management & Technology - SIMAT, Vavanoor

01/05/2021

Date

Sri. Sudheer K. V.
HoD (CE), SIMAT

Dr. S. P. Subramanian
Principal, SIMAT

Certificate generated on 01/05/2021 with ID: SIMAT-CE-01-022

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

MOHANDAS COLLEGE OF ENGINEERING AND TECHNOLOGY



Anad.Nedumangad. Thiruvananthapuram - 695541



An ISO 9001-2008 certified and NAAC accredited Institution

CERTIFICATE


This is to certify that

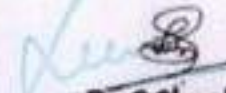
Swetha Pai

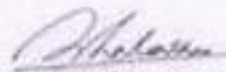
Assistant Professor

Sree Narayana Guru College of Engineering & Technology, Payyanur
has successfully completed five day online Faculty Development Programme on "**DEEP
LEARNING AND NEURAL NETWORKS**" organized by the Department of Electronics and
Communication Engineering sponsored by APJ Abdul Kalam Technological University from
05 July, 2021 to 09 July, 2021.


Prof. Sandhya S & Prof. Deepa D
Coordinators


Dr. S Shabu
Convenor, HOD - ECE


Dr. S Sheela
Principal


Dr. Ashalatha Thampuram
Director

CERTIFICATE OF PARTICIPATION

This is to certify that

SWETHA PAI

**SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY, PAYYANUR,
has attended the Faculty Development Programme on " BUSINESS INTELLIGENCE,
APPLICATIONS AND TOOLS" (Sponsored by APJ Abdul Kalam Technological
University, Thiruvananthapuram) Organised by the Department of Computer Science
& Engineering, Musaliar College of Engineering & Technology, Pathanamthitta,
Kerala from 7 June 2021 to 11 June 2021.**

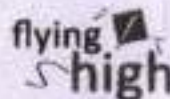


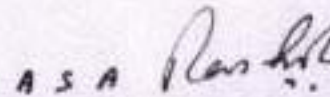
 

PROF. USHA GOPALAKRISHNAN PROF. GIRI S M
Coordinators



DR. TEENA JOSEPH
Convener





DR. A S ABDUL RASHEED
Principal

Dr. LEENA A V
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

MCET/CSE/FD/BIAT/005



B.S. Abdur Rahman
Crescent
Institute of Science & Technology
Established in 1983, A.T. No. 100, 101, 102

Certificate

OF
PARTICIPATION

This certificate is presented to

Mr. Sunder V

Assistant Professor & HoD, Sree
Narayana Guru College of Engineering
and Technology, Payyannur

for participating in Webinar on "Internet of Things and AI", on 22nd May
2021, organized by the Department of Computer Applications, School of
Computer, Information and Mathematical Sciences, B.S. Abdur Rahman
Crescent Institute of Science and Technology, Chennai.

This is an e-Certificate. No authorized signature is needed.

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



RSET
RAJAGIRI SCHOOL OF
ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

nirf



ISTE Sponsored Faculty Development Programme on
“Systemizing Research-Problem Finding to Patenting”

CERTIFICATE

OF PARTICIPATION

NO: SRPP024

This is to certify that

Ms. Anu Mohan M

Sree Narayana Guru College of Engineering And Technology, Payyanur

has participated in the Faculty Development Programme on “Systemizing Research-Problem Finding to Patenting”

organized by the Department of Computer Science and Engineering, Rajagiri School of Engineering & Technology,

Rajagiri valley, Kochi, India from 29th March 2021 to 31st March 2021.

Dr. Dhanya P. M

HoD, Computer Science & Engineering

Dr. Sreejith P. S
Principal, RSET

Rajagiri School of Engineering & Technology, Rajagiri Valley, Kochi-682039, Kerala, INDIA

Tel: +91 484 2660999 | Fax: +91 484 2426241 | www.rajagiritech.ac.in | office@rajagiritech.ac.in

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




**UNIVERSAL
ENGINEERING COLLEGE**

ISO 9001:2015 | Approved by: AICTE | Affiliated to KTU

CERTIFICATE OF PARTICIPATION


*This is to certify that Mr./Dr./Ms. **BUSHRA ABDULLA N T**
of **SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY**
has attended 3 days Online Faculty Development Program on "Multidisciplinary Applications of
MATLAB" held under the auspices of Department of Electronics and Communication Engineering, Universal
Engineering College, Vallivattom, Thrissur from 22nd July 2021 to 24th July 2021.*


Staff Coordinator
Ms. Chelsy Joy
Asst. Professor, ECE


Staff Coordinator
Ms. Reshma P S
Asst. Professor, ECE


Convener
Ms. Rekha M
HOD, ECE


Patron
Dr. Jose K Jacob
Principal


Dr. Leena A. V.
Principal
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, BRYANAPPURAM

No:ATAL/2020/1598942409



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that SREERAJI NARAYANAN, Assistant Professor of Sree Narayana Guru College of Engineering and Technology Payyanur participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Block chain" from 2020-11-2 to 2020-11-6 at LBS COLLEGE OF ENGINEERING KASARAGOD.

Director ATAL Academies



Coordinator

DR. SREERAJA NARAYANAN
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY PAYYANUR
KANNUR



**DHIRAJLAL GANDHI
COLLEGE OF TECHNOLOGY**
Approved by AICTE (Affiliated to Anna University, Chennai)
SALEM - 636 309.



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD, Government of India)



**MHRD'S
INNOVATION CELL**
(GOVERNMENT OF INDIA)

CERTIFICATE

OF PARTICIPATION

This is to Certify that

Mr.V.SUNDER

has participated in the

AICTE Sponsored

Six Days Online

Short Term Training Programme (STTP)

on

"Data Analytics and Supporting Services Using Machine Learning"

Conducted by

**Department of Computer Science & Engineering,
DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY, SALEM**

held from 07th November to 12th November, 2020.

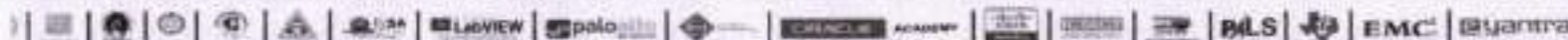
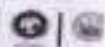
Mrs. B. Narmada
HoD | CSE

Dr. J. Parthasarathy
Associate Prof. | CSE
Director PST | Coordinator - STTP

Dr. R. Kumar
Dean | CSE

Dr. A. Selvaraj
Principal &
Dean R&D

Mrs. Archana Manojkumar
Secretary



Dr. LEENA A. V.
PRINCIPAL
**EEE N/PA/AM GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, KANNUR**



SB RIET



RAJADHANI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Certificate of Appreciation

This is to certify that **BUSHRA ABDULLA NT** has participated in the virtual workshop on "**ADVANCED ANTENNAS FOR MODERN APPLICATIONS**" organized by Department of Electronics and Communication Engineering in association with IEEE SB Rajadhani Institute of Engineering and Technology, Attingal on 5th December 2020

CO ORDINATORS
Nandu B/Chinchu Venugopal

HOD
Ramu R

PRINCIPAL
Dr. S Suresh Babu



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY

"Enlightenment through Education"

CHALAKODE P.O, KOROM, PAYYANUR

KANNUR, KERALA, PIN - 670 307

PH:04985-201989

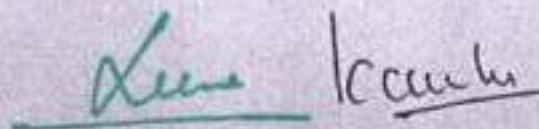
Email: info@sngcet.org, Web: www.sngcet.org



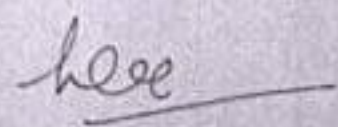
Certificate Faculty Development Programme

This is to certify that Mr/Ms/Dr/Prof. MS. SHILPA VALSAKUMAR
has attended two day(s) FDP on EXCELLENCE UNLIMITED
from 11-01-2019 to 12-01-2019 organised
by Sree Narayana Guru College of Engineering and Technology.


Co-ordinator






Principal



Sree Narayana Guru College of Engineering and Technology

CERTIFICATE OF PARTICIPATION


THIS CERTIFICATE IS AWARDED TO

Saritha Sasindran

SNGCET, Payyanur

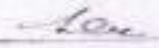
**for participating in the webinar on
"Effective communication"**

Date: 11/07/2020



Coordinator

US0FOY-CE000044



Principal

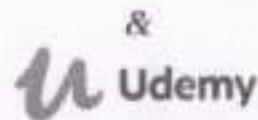


Dr. LEENA A.V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

Certificate of Completion

***This is to certify that Thulasibai A successfully
completed 17.5 hours of The Complete Machine
Learning Course with Python online course on
Jan. 24, 2020***

Codestars by Rob Percival Anthony V G Rob Percival
Codestars by Rob Percival, Instructor Anthony NG, Instructor Rob Percival, Instructor




Certificate no: UC-55435522
Certificate url: udemy.com/UC-55435522

#BeAble



Dr. LEENA A. V.
PRINCIPAL

ANANTH SURI COLLEGE OF
ENGINEERING & TECHNOLOGY, PAVANUR
KANNUR

SKILL  LYNC

CERTIFICATE OF PARTICIPATION



THULASIBAI. A

for attending the workshop on

Cloud computing

31 Jul 2020

Date:

Certificate UID : dws37r4j5

SURYANARAYANAN P

Program Director

DR. LENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PANNUR
KANNUR

SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY
KOROM, PAYYANUR-KERALA



CERTIFICATE



OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

SREERAJI NARAYANAN

of

Sree Narayana Guru College of Engineering and
Technology Payyanur

for participating in the webinar on

"GROW and be a STAR"

(Get Ready for Opportunities at Work and Set To Augment Result)

on 18th July 2020

Organised by

Department of Civil Engineering

COORDINATOR

HOD

PRINCIPAL

Dr. LEENA A.V.
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

CERTIFICATE

— OF PARTICIPATION —

This is to certify that

Sreeraji Narayanan

has participated in AICTE sponsored 6 Days Short Term Training Programme on '**Data Analytics and Machine Learning**' organized by Department of Computer Science & Engineering, Amal Jyothi College of Engineering from 3- 8 August 2020.



Dr. Z. V. Lakaparampil
Principal



Dr. Juby Mathew
Course Co-ordinator



Dr. LEENA A. V.
PRINCIPAL
SREE BHUVANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, POOVUR
KANNUR



AMAL JYOTHI COLLEGE OF ENGINEERING
KANJIRAPPALLY, KOTTAYAM



**The National Academy of Sciences, India (NASI) - Delhi Chapter-
&**

**MHRD-Institution Innovation Council (IIC)
Deen Dayal Upadhyaya College Chapter
(University of Delhi)**

*Under the aegis of DBT Star College Program
Jointly Organized*

Special Public Lecture (Webinar) on July 23, 2020 at 02:30 pm



Certificate of Completion

This is to certify that

SREERAJI NARAYANAN

**ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY
,PAYANUR**

Has Completed One Professional Development Hour by attending Webinar on


When to trust a self-driving car..

Professor Marta Kwiatkowska FRS

Associate Head of MPLS Division Fellow of Trinity College, Department of Computer Science University of Oxford, Oxford

Registered Email ID of Attendee : sreerajinarayanan@sngcet.org
Certificate No. 2020/MHRDIICDDUC/Technical Talk/July14/370


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


Dr. Manoj Saxena, MNASc
Program Coordinator-DBT Star College (DDU)
Deen Dayal Upadhyaya College, University of Delhi



Online Summer School-cum-Faculty Development Program

on

Advances in Signal Processing and Machine Learning



Jointly organized by

MHRD-Institution Innovation Council, DDUC Chapter, Deen Dayal Upadhyaya College, University of Delhi

(Under the aegis of DBT Star College Program)

Department of Electronic Science, University of Delhi & National Academy of Sciences India (NASI) – Delhi Chapter

Supported By

IEEE Electron Device Society (EDS), Delhi Chapter

July 20, 2020 – July 26, 2020

Certificate of Completion

This is to certify that

SREERAJI NARAYANAN

ASSISTANT PROFESSOR, COMPUTER SCIENCE AND ENGINEERING, SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY PAYYANUR.

Has Completed Online Summer School-cum-Faculty Development Program on Advances in Signal Processing and Machine Learning

Dr. Hem Chand Jain
Officiating Principal
Deen Dayal Upadhyaya College
University of Delhi

Professor Mridula Gupta, SMIEEE, FIETE
Chairperson-IEEE EDS Delhi Chapter
Head, Department of Electronic Science
University of Delhi South Campus, New Delhi 110021, India

Dr. Manoj Saxena, MNASc
Convener-Summer School
Coordinator-DBT Star College Program (DDU)
Deen Dayal Upadhyaya College, University of Delhi

Registered Email ID of Attendee : sreerajinarayanan@sngcet.org
Certificate No. 2020/MHRDNCDDUC/Online Summer School/July/74

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



**The National Academy of Sciences, India (NASI) - Delhi Chapter-
&**

**MHRD-Institution Innovation Council (IIC)
Deen Dayal Upadhyaya College Chapter
(University of Delhi)**

*Under the aegis of DBT Star College Program
Jointly Organized*

Special Public Lecture (Webinar) on July 24, 2020 at 07:30 pm



Certificate of Completion

This is to certify that

SREERAJI NARAYANAN

**ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY
PAYYANUR**

Has Completed One Professional Development Hour by attending Webinar on

A Reinforcement Learning Framework for Mobile Relay Beamforming

Professor Athina Petropulu

President-Elect, IEEE Signal Processing Society (2020-2021)

Distinguished Professor, Department of Electrical & Computer Engineering, Rutgers, The State University of New Jersey

Registered Email ID of Attendee : sreerajinarayanan@sngcet.org
Certificate No. 2020/MHRDIICDDUC/Technical Talk/July24/215

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

Dr. Manoj Saxena, MNASc
Program Coordinator-DBT Star College (DDU)
Deen Dayal Upadhyaya College, University of Delhi



The National Academy of Sciences, India (NASI) - Delhi Chapter-
&

MHRD-Institution Innovation Council (IIC)
Deen Dayal Upadhyaya College Chapter
(University of Delhi)

Under the aegis of DBT Star College Program
Jointly Organized

Special Public Lecture (Webinar) on July 26, 2020 at 02:30 pm



Certificate of Completion

This is to certify that

SREERAJI NARAYANAN

ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY
PAYANUR

Has Completed **One Professional Development Hour** by attending Webinar on

Empathetic Conversational Artificial Intelligence (AI)

Professor Pascale Fung, *FIEEE FISCA*

Director, Centre for Artificial Intelligence Research (CAiRE)

Professor, Department of Electronic & Computer Engineering and Department of Computer Science & Engineering
Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong

Registered Email ID of Attendee : sreerajinarayanan@sngcet.org
Certificate No. 2020/MHRDIICDDUC/Technical Talk/July26/228

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

Dr. Manoj Saxena, MNASc
Program Coordinator-DBT Star College (DDU)
Deen Dayal Upadhyaya College, University of Delhi



VEDAVYASA INSTITUTE OF TECHNOLOGY



CERTIFICATE OF PARTICIPATION

This is to Certify that

Sreeraji Narayanan

Have Participated In the Live Webinar

ONLINE PRESENTING METHODOLOGIES FOR TEACHING COMMUNITY

Held On **08.07.2020** Organized By

CSE Dept in association with

Computer Society of India VVIT chapter

Dr. S. Kavitha Murugesan
HOD CSE, VVIT

Dr. LEENA A. V.
PRINCIPAL

**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAVANUR
KANNUR**



Dr. Sangheetha S, B.E, M.E, Ph.D
Principal
Vedavyasa Institute of Technology

Certificate id:KGMSH8-CE000037



PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Approved by AICTE, New Delhi & Affiliated To JNTUH, Hyderabad
Chowdaryguda Village, Ghatkesar Mandal, Medchal - Malkajgiri

CERTIFICATE OF PARTICIPATION

This is to certify that
SREERAJI NARAYANAN

of

Sree Narayana Guru College of Engineering and Technology Payyanur

has participated in One Day Webinar on
"Blockchain Technology" on 30.07.2020 organized by
Princeton Institute of Engineering & Technology for Women.

Dr. A Krishna Murthy
Vice-Principal

Dr. VS Giridhar Akula
Principal

Dr. S Prabhakar Rao
Chairman

Certificate ID 78VGTK-CE000122

DR. LEENA A.V.
Principal
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR



KAMALA INSTITUTE OF TECHNOLOGY & SCIENCE

(Approved by AICTE, New Delhi, and Affiliated to JNTU, Hyderabad , Accredited with 'B++' Grade by NAAC)
Singapur, Huzurabad, Karimanagar, Telangana - 505468



www.kitssingapuram.ac.in



+91-9177670003



kitssingapuram@yahoo.co.in

skill to hire

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Certificate of Participation

This is to certify that **Mrs. Sreeraji narayanan, Assistant Professor** of **Sree Narayana Guru College of Engineering and Technology Payyanur** has successfully attended three days online national level workshop on "**Introduction to Web Development**" organized by the Department of Electronics & Communication Engineering in association with skill to hire during 17th to 19th July 2020.

Mr. N. Karthik
Coordinator

Mrs. G. Shruthi
Coordinator

Dr. B. Ramesh
Convener & HOD

Dr. K. Shanker
Principal

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




Sree Narayana Guru College of Engineering and Technology
CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

Sreeraji Narayanan
SNGCET

for participating in the webinar on
"Effective communication"

Date: 11/07/2020


Coordinator

US0FOY-CE000183


Principal


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



SANATANA DHARMA COLLEGE
ALAPPUZHA, KERALA-688003

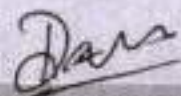


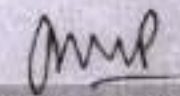
In collaboration with
THE KERALA STATE HIGHER EDUCATION COUNCIL
THIRUVANANTHAPURAM, KERALA-695033

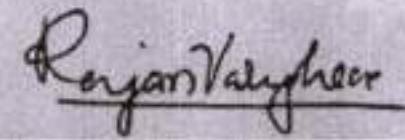
CERTIFICATE

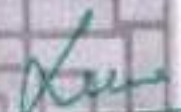
This is to certify that Mrs. SREERAJI NARAYANAN, Assistant Professor, Department of Computer Science and Engineering, Sree Narayana Guru College of Engineering and Technology, Payyanur has participated and successfully completed the One Week Online **Short-Term Faculty Development Programme** on **"PEDAGOGICAL AND E-LEARNING TOOLS FOR TEACHING"** which was delivered in asynchronous mode as MOOC with four quadrants, organised by Sanatana Dharma College, Alappuzha in collaboration with The Kerala State Higher Education Council from 04th -10th August 2020.




Sri. Damu Chandran C
Co-ordinator


Dr. P.R. Unnikrishna Pillai
Principal, S.D College


Member Secretary
The Kerala State Higher Education Council





NTW/10.08.2020/612



NoviTech
the innovation partner

Certificate of Participation

This is to certify that Mrs.SREERAJI NARAYANAN
from SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR
participated in the webinar "Deep Learning" on 10th August 2020 Organized by the Department of Computer
Science and Engineering, **Ilahia College of Engineering and Technology, Muvattupuzha** in association
with the **Computer Society of India (CSI) - Student Branch, ICET and NoviTech, Ernakulam.**

Technical Manager

Prof. Rosna P Haroon
SBC-CSI Chapter, ICET

Dr. LEENA A.V.
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR

Prof. Dr.ABDUL GAFUR M
Principal, ICET

NoviTech

Sree Narayana Guru College of Engineering & Technology

Korom, Payyanur, kannur-670307 | www.sngcet.org | info@sngcet.org

CERTIFICATE OF PARTICIPATION



This is to certify that

Subitha M B

of
Sngcet



has attended the international webinar on "Cyber Security Risk and Challenges due to Covid-19" by Dr. Vinod Kumar Shukla, Associate Professor, Information Technology, Amity University, UAE organized by Department of Computer Science and Engineering on 14.08.2020.


Coordinator

VGIQDG-CE000299


Principal



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY


(Promoted by Sree Bhakthi Samvardhini Yogam, Talap, Kannur)

Chalakovode P O, Payyanur, Kannur-670307

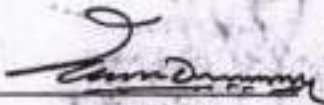


Certificate of Participation

*This is to certify that Mr/Ms ABHILASH KRISHNAN TK
successfully completed the workshop on “INDUSTRIAL AUTOMATION AND
INTRODUCTION TO IoT “ conducted by department of Electrical and
Electronics Engineering at SNGCET on 16 / 11 / 2019*


Convenor




HOD
EEE Dept.


DR. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING AND TECHNOLOGY, PAYYANUR,
KANNUR

Principal



Government College of Engineering Kannur

Parassinikkadavu P. O. 670 563



Faculty Development Program on Python for Signal & Image Processing

~ Certificate of Participation ~

This is to certify that **Mrs. AMITHA I. C.**, Assistant Professor in CSE, SNGCET, Payyanur, PIN-670307, has attended the six day Faculty Development Program on "Python for Signal & Image Processing" sponsored by DTE, Govt. of Kerala and organized by Department of Electronics and Communication Engineering, Government College of Engineering Kannur, from 20th to 25th January 2020.

Prof. Nishil Kumar P. P.
Co-ordinator

Prof. Lasgena C. A.
Co-ordinator



Dr. Sajith K.
Prof and Head,
ECE Dept.

Dr. Sreekumar C.
Co-ordinator, FSDTC

Dr. V. O. Rejini
Principal

CERTIFICATE OF PARTICIPATION

FACULTY DEVELOPMENT PROGRAMME ON
ADVANCED METHODOLOGIES FOR EFFECTIVE TEACHING

30th, 31st December 2019 & 1st January 2020

Organised by:



MALABAR INSTITUTE OF TECHNOLOGY

Approved by the AICTE, Affiliated to APJ Abdul Kalam Technological University (KTU)
Phone: 0497 2855095, 2855005 Web: www.milkanur.ac.in Email: mil@anjarakandy.in
ANJARAKANDY, KANNUR


Sponsored by:

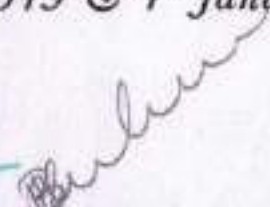
INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE (IEDC)

This is to certify that Mr/Ms. *Prabha Chandran, Asst Professor*.....
of.....*SNSEC, Payyanur*..... has attended and successfully completed the
requirements of the Faculty Development Programme on Advanced Methodologies for Effective Teaching
by Malabar Institute of Technology, Anjarakandy during 30th, 31st December 2019 & 1st January 2020


Dr. JITHA B
Convener


Mr. ABHIJITH KUMAR
Co-ordinator, IEDC


DR. A. LEENA A. V.
PRINCIPAL


Dr. A. BENHAM
Principal

207
SHREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

CERTIFICATE OF PARTICIPATION

FACULTY DEVELOPMENT PROGRAMME ON
ADVANCED METHODOLOGIES FOR EFFECTIVE TEACHING

30th, 31st December 2019 & 1st January 2020

Organised by:



MALABAR INSTITUTE OF TECHNOLOGY

Approved by the AICTE, Affiliated to APJ Abdul Kalam Technological University (KTU)
Phone: 0497 2855095, 2855005 Web: www.miltkannur.ac.in Email: milt@anjarakandy.in
ANJARAKANDY, KANNUR

Sponsored by:

INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE (IEDC)

This is to certify that Mr/Ms. *Prinsha Prakash, Asst Professor*
of *S.N.G.C.E.T., Payyanur* has attended and successfully completed the
requirements of the Faculty Development Programme on Advanced Methodologies for Effective Teaching
by Malabar Institute of Technology, Anjarakandy during 30th, 31st December 2019 & 1st January 2020

Dr. JITHA B
Convenor

Mr. ABHIJITH KUMAR A N
Co-ordinator, IEDC

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

Dr. A BENHAM
Principal

PEET MEMORIAL TRAINING COLLEGE
MAVELIKARA, KERALA



CERTIFICATE

This is to certify that **Mrs. Saritha Sasindran, Asst professor, Sree Narayana Guru college of engineering and technology** has actively participated in and successfully completed 'TEACH BIG' - the five day online workshop on Tech-Tools for Teaching, organized by the Internal Quality Assurance Cell of Peet Memorial Training College, Mavelikara, Kerala, from the 3rd to the 7th of August, 2020.

Dr. Mariamma Mathew
Principal

Mr. Ajith Kumar C
School of Education, IGNOU

Dr. Velayudhan Nair T
Coordinator

CERTIFICATE

PROUDLY PRESENTED TO

Saritha Sasindran

Use of Micro materials in Concrete

Jul 3, 2020

Date of Completion

*Qcrete Readymix(India)Pvt
Ltd*

Organizer



Dr. LEENA A. V.
PRINCIPAL
SREE SARAYANA GURU COLLEGE OF
TECHNOLOGY



National Institute of Technical Teachers Training & Research

CHENNAI

GOVERNMENT OF INDIA

MINISTRY OF HUMAN RESOURCE DEVELOPMENT



Quality Improvement Programme

This is to certify that

ABHILASH KRISHNAN T. K.

Asst. Professor, Electrical & Electronics Engineering, Sree Narayana
Guru College Of Engineering And Technology, Payyanur, Kannur

Participated in the one week Training Programme on
"NBA ACCREDITATION PROCEDURES"

Conducted by this Institute at

Sree Narayana Guru College Of Engineering And Technology,
Payyanur, Kannur

from 17.12.2018 to 22.12.2018
the major areas covered being.

- ❖ Implementation of OBE and Concept Mapping.
- ❖ OBE Attributes and Learner Centred Approaches.
- ❖ Developing Course Outcomes for Programme Outcomes.
- ❖ CO-PO Mapping and Assessment through Rubrics for Activities.
- ❖ Evaluation Criteria for Accreditation.
- ❖ Analysing Criteria Based on SAR.



22.12.2018

Dr. LEENA A. V.
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR


Director



COLLEGE OF ENGINEERING VADAKARA

(Institution Under CAPE, Estd. by Govt. of Kerala)

MANDARATHUR P.O, VADAKARA, KOZHIKODE - 673 105

FACULTY DEVELOPMENT PROGRAMME
ON
MACHINE LEARNING TECHNIQUES AND TOOLS
24th to 26th July 2019

CERTIFICATE

This is to certify that.....

Papitha K. V, SNGCET.

.....has participated in the
Faculty Development Programme on *Machine Learning Techniques and Tools* organized by Department of Computer Science
& Engineering, College of Engineering Vadakara, Mandarathur (PO), Kozhikode - 673105 during 24th to 26th July 2019 Under TEQIP
Phase II (A Project of Govt. of India).

Hinisha K V
Co-ordinator.

Sithara E P
Head, Dept. of CSE

Dr. LEENA A. V
PRINCIPAL

Dr. N K Narayanan
Principal

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PATTANAM
KANNUR

National Institute of Technical Teachers Training & Research

CHENNAI

GOVERNMENT OF INDIA

MINISTRY OF HUMAN RESOURCE DEVELOPMENT



Quality Improvement Programme

This is to certify that

JITHIKA M.

Asst. Professor, Computer Science & Engineering, Sree Narayana
Guru College Of Engineering And Technology, Payyanur, Kannur

Participated in the one week Training Programme on

"NBA ACCREDITATION PROCEDURES"

Conducted by this Institute at

Sree Narayana Guru College Of Engineering And Technology,
Payyanur, Kannur

from 17.12.2018 to 22.12.2018

the major areas covered being.

- ❖ Implementation of OBE and Concept Mapping.
- ❖ OBE Attributes and Learner Centred Approaches.
- ❖ Developing Course Outcomes for Programme Outcomes.
- ❖ CO-PO Mapping and Assessment through Rubrics for Active
- ❖ Evaluation Criteria for Accreditation.
- ❖ Analysing Criteria Based on SAR.



22.12.2018

Dr. LEENA A. V.
PRINCIPAL

Babu
Director



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY

"Enlightenment through Education"

CHALAKODE P.O, KOROM, PAYYANUR

KANNUR, KERALA, PIN - 670 307

PH:04985-201989

Email: info@sngcet.org, Web: www.sngcet.org



Certificate Faculty Development Programme

This is to certify that Mr/Ms/Dr/Prof. MS. JITHIKA M
has attended two day(s) FDP on EXCELLENCE UNLIMITED
from 11-01-2019 to 12-01-2019 organised
by Sree Narayana Guru College of Engineering and Technology.

Co-ordinator

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

Pranab



Principal

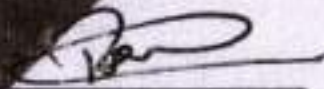


SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY

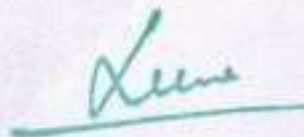


Certificate

This is to certify that Dr./Prof./Mr./Ms. Tithika - M
of Sree Narayana Guru College of Engineering and Technology has
attended seminar on BIOINFORMATICS which is held on 8th September 2018 as a part of
2nd National Level Technical Symposium.



COORDINATOR



Dr. LEENA A. V.
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAVANUR
KANNIUR



HOD [CSE]



PRINCIPAL



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY

CHALAKODE (PO), PAYYANUR, KANNUR - 670307, KERALA



4th NATIONAL CONFERENCE ON TECHNOLOGICAL ADVANCEMENTS IN ENGINEERING



CERTIFICATE

This is to certify that Dr./Prof./Mr./Ms. Githika M
of SNCCT has presented
a technical paper titled Detection Of CyberBullying Based On
Feature Set
in the National Conference held on 16th-17th March 2018.

Leena

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

[Signature]

CONVENOR



Leena

PRINCIPAL

LBS COLLEGE OF ENGINEERING KASARAGOD

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SPONSORED BY
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, KERALA



FACULTY DEVELOPMENT PROGRAMME ON DEEP LEARNING

CERTIFICATE OF PARTICIPATION

This is to certify thatJITHIKA M, AP, SNG CET.....has attended
Faculty Development Programme on Deep Learning, held from 09-07-2019 to
11-07-2019 organized by the Department of Computer Science and Engineering,
LBS College of Engineering, Kasaragod.

Co-ordinator
Dr Praveen Kumar K
(Dean, Academics)

Co-ordinator
Rahul C
(AP, CSE)

Dr. Smithamol M B
(HOD, CSE)

Dr. Mohammad Shekhor T
(Principal)

Dr. JITHIKA M
PRINCIPAL

217
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PANNANUR

**Faculty Development Program on
Image Processing & Computer Vision**

10 to 15 December 2018

Organised by

**Department of Electronics & Communication Engineering
and FSDT Centre, Govt. College of Engineering Kannur**

Sponsored by



DTE KERALA
Directorate of Technical Education Kerala

FDP/ECE/2018/PCV-14



Certificate

This is to certify that Dr./Mr./Ms. Jithika M., Assistant Professor, S.N.G.C.E.T Payyannur has attended and successfully completed the requirements for the Faculty Development Program on Image Processing & Computer Vision which is organised by the Department of Electronics and Communication Engineering and FSDT Centre, Government College of Engineering Kannur during 10th - 15th December 2018.

Dr. K. Sajith
Head, ECE Dept.

Dr. Leena A. V.
PRINCIPAL

Dr. A. Rangith Ram
Coordinator

Dr. N. Vijayakumar
Principal

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY

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CHALAKODE P.O, KOROM, PAYYANUR

KANNUR, KERALA, PIN - 670 307

PH:04985-201989

Email: info@sngcet.org, Web: www.sngcet.org



Certificate Faculty Development Programme

This is to certify that Mr/Ms/Dr/Prof. MS. PRINSHA PRAKASH
has attended two day(s) FDP on EXCELLENCE UNLIMITED
from 11-01-2019 to 12-01-2019 organised
by Sree Narayana Guru College of Engineering and Technology.

Co-ordinator

Leena
Prinsha

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



Principal



COLLEGE OF ENGINEERING, THALASSERY

(Under CAPE, Est. Govt. of Kerala)

Eranholi Post, Thalassery, Kannur - 670 107



This is to certify that *Ms./Mrs.* *DINLA . O . K*

ASSISTANT PROFESSOR, SNGCET PAYYANNUR

has attended 5 Days Faculty Development Programme on MACHINE LEARNING during 23rd to 27th April 2018, organized by Department of Computer Science and Engineering, College of Engineering Thalassery, Sponsored by APJ Abdul Kalam Technological University.

Co-ordinator



Leena

Principal

DR. LEENA A. V.
PRINCIPAL

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
COLLEGE OF ENGINEERING, THALASSERY
KANNUR

National Institute of Technical Teachers Training & Research

CHENNAI
GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT



Quality Improvement Programme

This is to certify that

DINLA O. K.

Asst. Professor, Computer Science & Engineering, Sree Narayana
Guru College Of Engineering And Technology, Payyanur, Kannur

Participated in the one week Training Programme on

“NBA ACCREDITATION PROCEDURES”

Conducted by this Institute at

Sree Narayana Guru College Of Engineering And Technology,
Payyanur, Kannur

from 17.12.2018 to 22.12.2018

the major areas covered being.

- ❖ Implementation of OBE and Concept Mapping.
- ❖ OBE Attributes and Learner Centred Approaches.
- ❖ Developing Course Outcomes for Programme Outcomes.
- ❖ CO-PO Mapping and Assessment through Rubrics for Activities.
- ❖ Evaluation Criteria for Accreditation.
- ❖ Analysing Criteria Based on SAR.



22.12.2018

Dr. LEENA A. V.
PRINCIPAL

Director



COLLEGE OF ENGINEERING, THALASSERY



(Under CAPE, Est. Govt. of Kerala)

Eranholi Post, Thalassery, Kannur - 670 107



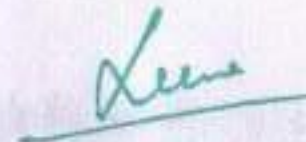
This is to certify that Mr./Mrs. PRINSHA PRAKASH ASSISTANT PROFESSOR

SNIGDEH, PAYYANNUR

has attended 5 Days Faculty Development Programme on *MACHINE LEARNING* during 23rd to 27th April 2018, organized by Department of Computer Science and Engineering, College of Engineering Thalassery, Sponsored by APJ Abdul Kalam Technological University.


Co-ordinator





Principal

Dr. LEENA A. V.

SHREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANNUR
KANNUR



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
SPONSORED
ONE WEEK FACULTY DEVELOPMENT PROGRAMME
27/05/2019 to 31/05/2019



Certificate

This is to certify that

LEENA NARAYANAN

~~Research Scholar/Assistant Professor/Associate Professor/Professor~~

of

SNACET, PAYYANNUR

attended

One Week Faculty Development Programme on
"INTERACTIVE LEARNING MODULES FOR INNOVATIVE PEDAGOGY IN
CIRCUITS AND ELECTRONICS"

Organized by

Department of Electronics and Communication Engineering
Vimal Jyothi Engineering College

Chempur, Kannur, Kerala


COORDINATOR


PRINCIPAL



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY

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KANNUR, KERALA, PIN - 670 307

PH:04985-201989

Email: info@sngcet.org, Web: www.sngcet.org



Certificate Faculty Development Programme

This is to certify that Mr/Ms/Dr/Prof. MS. AMITHA I.C
has attended two day(s) FDP on EXCELLENCE UNLIMITED
from 11-01-2019 to 12-01-2019 organised
by Sree Narayana Guru College of Engineering and Technology.

Co-ordinator

Leena A.V.

DR. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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KANNUR



Principal

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SPONSORED BY
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FACULTY DEVELOPMENT PROGRAMME ON DEEP LEARNING

CERTIFICATE OF PARTICIPATION

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11-07-2019 organized by the Department of Computer Science and Engineering,
LBS College of Engineering, Kasaragod.

Co-ordinator
Dr Praveen Kumar K
(Dean, Academics)

Co-ordinator
Rahul C
(AP, CSE)

Dr. Smithamol M B
(HOD, CSE)

Dr. Mohammad Shekooor T
(Principal)

Dr. LEENA A. V.
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PUTHANUR

National Institute of Technical Teachers Training & Research

CHENNAI

GOVERNMENT OF INDIA

MINISTRY OF HUMAN RESOURCE DEVELOPMENT



Quality Improvement Programme

This is to certify that

AMITHA I. C.

Asst. Professor, Computer Science & Engineering, Sree Narayana
Guru College Of Engineering And Technology, Payyanur, Kannur

Participated in the one week Training Programme on

"NBA ACCREDITATION PROCEDURES"

Conducted by this Institute at

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- ❖ Evaluation Criteria for Accreditation.
- ❖ Analysing Criteria Based on SAR.



22.12.2018

Director

**Faculty Development Program on
Image Processing & Computer Vision**

10 to 15 December 2018

Organised by

**Department of Electronics & Communication Engineering
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Sponsored by



DTE KERALA
Directorate of Technical Education Kerala




FDP/ECE/2018/PCV-01

Certificate

This is to certify that Dr./Mr./Ms. Amitha I. C., Assistant Professor, S.N.G.C.E.T Payyannur has attended and successfully completed the requirements for the Faculty Development Program on Image Processing & Computer Vision which is organised by the Department of Electronics and Communication Engineering and FSDT Centre, Government College of Engineering Kannur during 10th - 15th December 2018.


Dr. K. Sajith
Head, ECE Dept.


Dr. Leena A.V.
Principal


Dr. A. Ranjith Ram
Coordinator


Dr. N. Vijayakumar
Principal

National Institute of Technical Teachers Training & Research

CHENNAI
GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT



Quality Improvement Programme

This is to certify that

SREERAJI NARAYANAN

Asst. Professor, Computer Science & Engineering, Sree Narayana
Guru College Of Engineering And Technology, Payyanur, Kannur

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22.12.2018

Director



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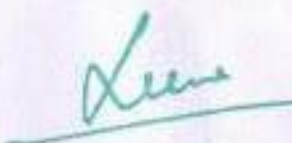
Email: info@sngcet.org, Web: www.sngcet.org




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has attended Two day(s) FDP on EXCELLENCE UNLIMITED
from 11-01-2019 to 12-01-2019 organised
by Sree Narayana Guru College of Engineering and Technology.

Co-ordinator


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


Principal

National Institute of Technical Teachers Training & Research

CHENNAI

GOVERNMENT OF INDIA

MINISTRY OF HUMAN RESOURCE DEVELOPMENT



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LEENA NARAYANAN

Asst. Professor, Electronics & Communication Engineering, Sree
Narayana Guru College Of Engineering And Technology,
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22.12.2018

Leena

Balu
Director



Sree Narayana Guru College of Engineering & Technology

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



CERTIFICATES – NON –TEACHING STAFF

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BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

SAHITH.P

*Has successfully completed a
Training Course on
ISO 21001:2018 AWARENESS*

Course Date /s

13th & 14th SEPTEMBER 2022



Certificate Reference ZT/002/22-23/013 *Authorized Signatory*

306, 7th Cross, 2nd Main, Domlur Layout, Bangalore 560 071 email : zandig.blr@gmail.com
Website : www.zandig.com

ZANDIG TQM SOLUTIONS PVT LTD

BANGALORE. COIMBATORE

CERTIFICATE

This is to certify that

AKHIL K.C

*Has successfully completed a
Training Course on
ISO 21001:2018 AWARENESS*

Course Date /s

13th & 14th SEPTEMBER 2022



ZT/002/22-23/006

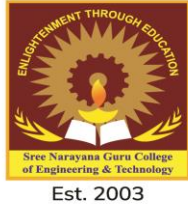
Certificate Reference

Authorised Signatory

306, 7th Cross, 2nd Main, Domlur Layout, Bangalore 560 071 email : zandig.hlr@gmail.com
Website : www.zandig.com

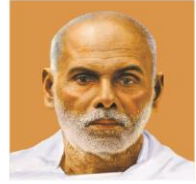
Dr. LEENA A. V.
PRINCIPAL,

SHREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PRAJYAGUR
KANNUR

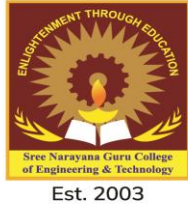


Sree Narayana Guru College of Engineering & Technology

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

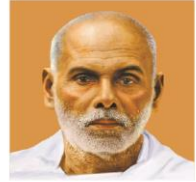


ANNUAL REPORTS



Sree Narayana Guru College of Engineering & Technology

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



ANNUAL REPORT 2022-2023

ANNUAL REPORT 2022-23

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INTRODUCTION - OVERVIEW OF THE INSTITUTION

1.1 About the College



Rooted in Legacy, Reaching for the Future

Sree Narayana Guru College of Engineering & Technology (SNGCET) isn't just a prestigious technical institution in North Malabar; it's a branch of a rich tapestry woven with social and spiritual purpose. Established in 2003, SNGCET is an initiative of the Sree Bhakthi Samvardhini Yogam, founded in 1907 by the revered saint Sree Narayana Guru. The Yogam's core mission, echoing the Guru's vision, is the upliftment of individuals through education, social responsibility, cultural immersion, and spiritual growth.

This commitment extends far beyond SNGCET. The Yogam actively practices the Guru's ideals by establishing a network of institutions. This network includes a working women's hostel, providing

financial aid and scholarships to deserving students, and managing the highly regarded Sree Narayana Vidya Mandir Senior Secondary School (a prominent CBSE school in Kannur District). Additionally, they oversee Sree Narayana ITI and another working women's hostel in Kannur.

SNGCET itself embodies this spirit of progress. Nestled amidst a sprawling 60-acre campus, the college boasts a picturesque landscape dotted with meticulously planned buildings. These buildings house state-of-the-art laboratories, a well-maintained and updated library, comfortable hostels, and expansive playgrounds. This infrastructure provides a nurturing and stimulating environment for students to learn, explore, and thrive.

In essence, SNGCET is more than an engineering college. It's a testament to the enduring legacy of Sree Narayana Guru and the Yogam's unwavering dedication to empowering future generations.

1.2 History of SNGCET

A Legacy Woven in Education: The Story of SNC

Sree Narayana Guru College of Engineering & Technology (SNC) is more than just an engineering college; it's the culmination of a rich legacy dedicated to social progress and intellectual empowerment. Its roots lie in the fertile ground nurtured by Sree Bhakthi Samvardhini Yogam, an organization established in 1907 with a singular mission: to illuminate minds through education. The Yogam's pioneering spirit ignited a flame of educational initiatives across Kerala, and in the early 2000s, that flame reached a new frontier – technical education.

Back then, Kerala grappled with a limited number of self-financed engineering colleges, leaving a significant gap for aspiring students. Recognizing this void, the government opened doors for private institutions to bridge the gap. This progressive move paved the way for SNC's genesis in 2003. It wasn't just the fulfillment of a long-held vision by Sree Bhakthi Samvardhini Yogam; it was the birth of a modern hub of engineering education in Payyanur, Kannur.

The college itself stands as a testament on two pillars. Named after the revered Saint Philosopher and Social Reformer, Sree Narayana Guru (1855-1928), it honors his legacy while simultaneously striving for academic excellence. SNC embodies the values he championed – social upliftment, intellectual pursuit, and a commitment to breaking down barriers.

However, SNC is just one thread in the vibrant tapestry woven by Sree Bhakthi Samvardhini Yogam. Under its umbrella, a constellation of educational institutions caters to diverse learning needs. From the nurturing environment of Sree Narayana Nursery School to the focused technical training offered

by Sree Narayana I.T.C, each institution caters to a specific need. Notably, Sree Narayana Vidya Mandir Senior Secondary School stands tall as a prominent CBSE school in Kannur District.

Together, these institutions form a holistic ecosystem of learning, echoing the philosophy of Sree Narayana Guru and Sree Bhakthi Samvardhini Yogam. They offer not just academic rigor, but also a commitment to social responsibility and the holistic development of each student. SNC, therefore, is a symbol – a symbol of a legacy that continues to inspire, educate, and empower future generations.

1.3 Vision and Mission

Vision and Mission statements are the guiding stars that steer an institution towards its goals and aspirations. They encapsulate the essence of its purpose, values, and commitment to excellence. At Sree Narayana Guru College of Engineering & Technology (SNGCET), our Vision is to cultivate a knowledge-driven society fostering human excellence, while our Mission is to provide unparalleled technical education embedded in values and dedicated to socio-economic progress.

Vision: A knowledge society promoting human excellence and enlightenment through technical education.

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

1.4 Governance, Leadership and Management

Sree Narayana Guru College of Engineering & Technology (SNGCET) is a premier institution dedicated to fostering a knowledge society and promoting human excellence through technical education. The governance, leadership, and management at SNGCET are deeply rooted in its vision and mission, ensuring a nurturing environment for academic growth and socio-economic progress.

Vision and Mission Alignment

Vision: A knowledge society promoting human excellence and enlightenment through technical education.

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

The governance, leadership, and management strategies at SNGCET are meticulously designed to uphold its vision and mission. These guiding principles serve as the cornerstone for all institutional decisions, initiatives, and policies, ensuring a focus on academic excellence, societal advancement, and ethical values.

Leadership and Management Practices

Under the adept leadership of committed heads and administrators, SNGCET prioritizes continuous improvement in teaching methodologies, infrastructure development, and industry partnerships. The institution remains abreast of the latest advancements in technology and education, ensuring a dynamic and relevant learning experience for students.

Management practices at SNGCET emphasize research and innovation, encouraging faculty and students to engage in impactful projects that contribute to knowledge dissemination and technological advancements. Collaborations with industry leaders and government agencies further enhance the institution's research capabilities and industry relevance.

Academic Diversity and Community Engagement

SNGCET recognizes the importance of academic diversity and offers a comprehensive range of courses, including value-added, vocational, and technical programs, alongside its core curriculum. These initiatives broaden students' horizons, preparing them for diverse career pathways and industry demands.

Community engagement is integral to SNGCET's ethos. The institution actively participates in outreach programs, continuing education initiatives, and social welfare projects, demonstrating its commitment to societal development and inclusivity.

1.5 Highlights of the Year

1.5.1 Convocation Ceremony- DEEKSHANTH 2023

The convocation ceremony DEEKSHANTH for the 4th batch of APJAKTU students (2018-2022 Batch) was held on 09/09/2023. The hard work, dedication, and achievements of our students were recognized in the event. The highlight of the event was the inspiring keynote address by the Chief Guest Dr. T Ashokan, Former Pro VC Kannur University and Dean Academics and Professor Chinmaya Vishwa Vidhyapeet, Cochin.



1.5.2 Arts Festival

The Annual College Day, SATVI-2023 was celebrated in the college on 18th and 19th of March 2023. The event was inaugurated on 18th March at 10:00am by the chief guest of the day; Ms. Akhila Bhargavan, Actress. College Student's Union Chairman, Mr, Safwan I. M., delivered the welcome address. Vice President SBSY, Shri T. K. Rajendran, delivered the Management address. Principal SNGCET, Dr. Leena A. V., delivered the Principal's address. General Secretary College Student's Union, Ms. Aswitha Gangadharan, delivered the Presidential address. Dr. Susan Abraham, Dean UG

and PG studies, Mr. Sunder V, Chairman Student coordination Committee and Mr. Abhilash Krishnan, Staff Advisor, delivered the felicitation address. Ms. Neehara Sajith, College Student's Union Member, delivered the vote of thanks. All the staff and students of the college also were present in the programme.

Satvi'23 was a two day event organized in association with the college student's union. On the first and second day of the college day several cultural events and on stage competitions were organized such as classical music, duet song, dance choreo, music band, folk song, spot dance etc. All the students participated with enthusiasm and made all the events successful. Also off stage events such as poem writing, story writing, mehendi design etc. And Satvi sports were carried out a week before Satvi two day celebrations. Many students won several prizes. The prize distribution ceremony was also conducted and the various awards such as best team trophy, best student individual trophy and certificates were also presented to the students by the Principal, Management representatives, Student Coordination Committee Chairman, Staff Advisor and Arts Advisor.

Satvi'23 also showcased the main event, a live concert by the renowned singer, Ms Gowry Lekshmi, on the evening of 19th March. The event was organised on the college ground which concluded at 10:30 pm. Thus marking a successful closure of the SATVI'23.



1.5.3 ONAM CELEBRATION (03/09/2022)

The faculty, staff and students of SNGCET celebrated Onam in the campus. “Onam Pookalam” was laid by the staff and students in the admin block and several cultural programs were conducted for the staff and students. Onam sadhya was served for all on this occasion. This event brought together all members of SNGCET and spread a sense of oneness and joy.



1.5.4 75th Independence Day Celebration(13/08/22 To 15/08/22)

The 75th Independence Day was celebrated from 13/08/22 to 15/08/22 for a period of 3 days as per government directions. Flag Hoisting was done on all days and the final day of the celebration was conducted as a grand event. The Management committee sponsored 75 flower pots for the Nature Club at SNGCET. The program was inaugurated by the Honourable President Shri. K.P. Balakrishnan. Col. C.Padmanabhan (retd.) was the Chief guest.



1.5.5 Udbhava23

Udbhava23 is a National Level Tech Fest conducted by various departments of Sree Narayana Guru college of Engineering and Technology, Payyanur on 27,28,29 April 2023. It comprises of 'ARCVIL4.0' conducted by Department of Civil Engineering, 'DYUTHI' conducted by Department of Electrical and Electronics Engineering, 'TECHNOVA' conducted by Department of Electronics and Communication, 'YANTRA' conducted by Department of Mechanical Engineering. On 27th April, Udbhava23 was inaugurated by Ms. Meghasree D R IAS (District Development Commissioner, Kannur). Welcome address was given by Dr. Leena AV. Felicitation address was given by Sri. T K Rajendran (Vice President, SBSSY). Vote of thanks was delivered by Dr. Susan Abraham (Dean UG/ PG Studies). Various events were conducted on 28th and 29th of April.

1.5.5.1 ARCVIL 4.0

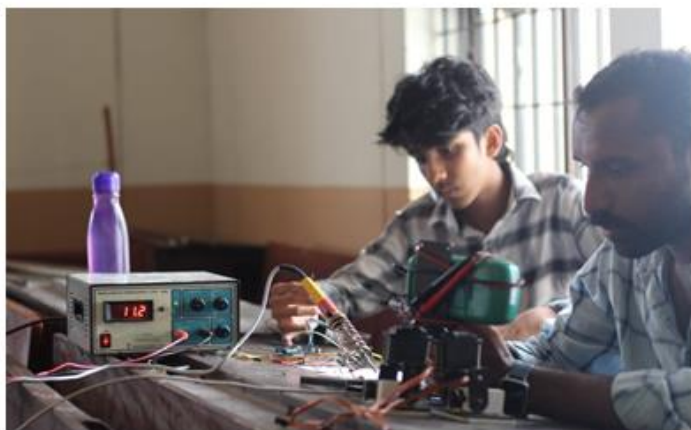
The National Level Technical Fest organized by the Department of Civil Engineering SNGCET, Payyannur was held on 27th, 28th, and 29th of April 2023. The event started on 27th April 2023 at 9.30 AM with the Nirmiti Exhibition, which includes the exhibition of various survey instruments and models created by students of the Civil Engineering Department. The second day started with Mix Design Workshop conducted by Mr. Rabeesh A, TTR manager of Ultra Tech Cements Pvt. Ltd. The workshop provided detailed insight into concrete mixing and mix design materials. Blue Print (Building Plan Drawing Competition) and Envisage (Tech-games) were held on 29th April 2023. Numerous participants were there for each item. Rajath Manoharan (S6CE) won first prize in Blue Prints. Basila K V (S4CE), Fathimath Zuhra (S6 CE), Neeraj (S4 CSE), Adithya Krishnan (S8 CE), Nikhil Sai K (S8 CE), FathimathulShahana, (S4CE), Ashique Muhammed (S2CE) Muhammed Shammass (S2 CE) won first prize in various items of Envisage.





1.5.5.2 DYUTHI'23

An integral part of the National level Techfest-UDBHAVA' 23, was organized by the Department of Electrical and Electronics Engineering from 27 April 2023 to 29 April 2023. The events started on 27th April with project expo "TECHZITE" which showcased the innovative ideas, technical skills and creativity of the students. Home automation system, line tracking robot, electric train were some of the attractions of the expo. KSEB expo was also organised by the department which included various types of cables, measuring instruments, insulators. From the second day, 28th April 2023, SHOCKAERONZ (high voltage shock room), CARMAZE (remote controlled car game), BLIND CIRCUIT (identify and draw a circuit in team) and JIGSAW PUZZLE were organised in which a large number of participants had taken part. On the third day, 29th April 2023, LOGIQ (technical quiz contest) was conducted with four rounds - Elimination round, MCQ round, Visual round, Rapid fire round. Students from various colleges participated in the competition.



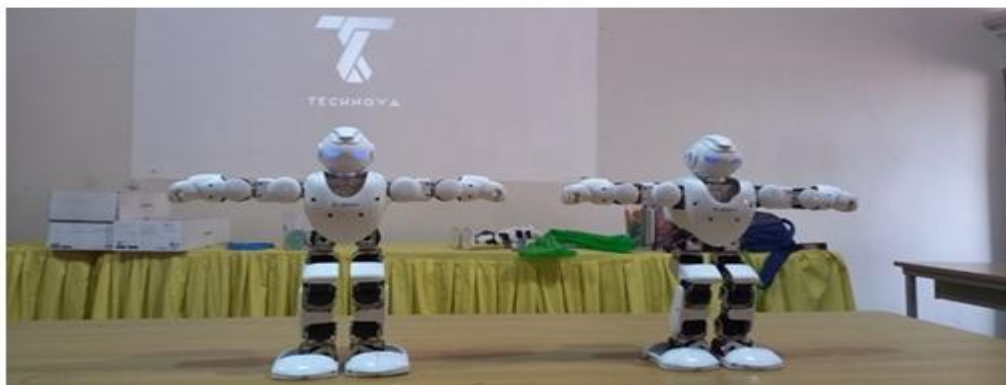
1.5.5.3 TECHNOVA

The department of Electronics and Communication Engineering, Sree Narayana Guru College of Engineering and Technology Payyanur organized “**TECHNOVA**” a National Level Techfest under the banner of **UDBHAVA** on 27th April to 29th April. The main purpose of conducting this Techfest was inculcate in the minds of new generation Electronics and communication engineering students about the incubation of the Technology and innovations of engineering ideas on Electronics and communication engineering.

The first day (27th April 2023) of the Techfest organized by the Department of Electronics and Communication Engineering featured an exhibition of technical projects and innovations. The exhibition featured various technical projects, 3D Printer, 2D Plotter, Line following Robot, Self-Balancing Robot, Tesla Coil, Obstacle Avoiding Robot, LED Cube, Dark Room (LED Cubes, Plasma Globe, Infinity Mirror, LED Cracker) and the Game Zone.

The second day (28th April 2023) of Technova the main highlight is RoboMania. The RoboMania was conducted by Akhil R, a Science Communicator and a Social media influencer. RoboMania followed by Humanoid Robot Show, Self-Balancing Scooter, Hand Gesture Controlled Drone and interactive session.

On the last day (29th April 2023) Various Technical events such as circuitrix, Entangled, Clueminati, and Jam was held, also BSNL EXPO was conducted in association with department of ECE. At the end of the program the winners were presented with cash prize for their wonderful achievements. TECHNOVA the National Level Tech fest was a great success and marked as significant milestone, motivating the students and staffs to attend more challenges of this kind and to get an active involvement in organizing more such events.



1.5.5.4 YANTRA

In association with national level Tech fest ‘UDBHAVA-2023’ held on 27th, 28th and 29th April 2023, Departmental Technical programmes are conducted under the banner of ‘YANTRA’ for Mechanical Engineering Department. Various interesting technical programmes, workshops and games are conducted as per the schedule given below.

1.5.6 IC ENGINE SURGERY- ENGINE OVERHAULING WORKSHOP

One of the most interesting workshops was IC Engine Surgery – Engine overhauling workshop headed by Team Tech Sun Pvt. Ltd. 40 students registered and participated in a full day hands on training workshop held on 29th April 2023.

In the "IC engine surgery workshop", students get first-hand experience by dis- mantling and assembling a real 4 stroke IC Engine. The hands-on training will make the students explore the knowledge about the design, components, and mate- rials inside the IC engine.

It's a one full day session consisting of expert theory class on automobile parts and engine working cycle by Mr. Sharath from Tech sun. Theory Session consists of Principle of IC engine, Basic Components of Engine, Basic Nomenclature, Classification of Engines Operation inside the engine, Basics of Power transmission Spark Plug and fuel injector, Intro- duction to Alternative fuels, History of automobile, engines, classification. Working cycle, strokes (2 stroke and 4 stroke), Engine Classification - fuel, stroke, CC, arrangement of pistons etc., Components of IC engine, functions, materials, Die- sel engines v/s petrol engines, Real time working - animations.

It is followed by a hands own session on 4 stroke Bajaj pulsar DTSI engine dismantling and assembling as a team of maxi- mum 8 members. Each participant was involved in a hands-on session with so much interest and enthusiasm. The workshop concluded at 4.30 PM.



1.5.7 TECHKRANTI 5.O (22/11/2022 and 23/11/2022)

The Department of Computer Science and Engineering of SNGCET, conducted the fifth version of the National level Techfest- Techkranti 5.0 on 22nd and 23rd November 2022. The fifth iteration of

Techkranti provides Engineering students with an immense number of opportunities to explore their technical ideas and talents. Around 300 students participated from other colleges and 250 students participated from our college.

The fest was inaugurated on 22nd Nov 2022 by Mr. Brijesh Balakrishnan, President ITC Infotech at our college seminar hall, followed by a talk by Mr. Jithu, RJ Red FM, who was the guest of honor for the day. Technical events of the fest were: QUIZZARD, INNOVIZ, IDEATHON, BUGSMASH, and SCAVENGER HUNT. Along with this a workshop on CISCO PACKETRACER by Mr. Bineesh of Kochar Infotech, and webinar Digital Marketing in search engine optimization by Subin Yousuf, CEO Digi Market was also conducted.

The closing ceremony of the fest was held at College Seminar Hall on 23rd Nov 2022 for which Dr. Naveena A K, Associate Professor and HoD of CSE, was the chief guest. She was also the judge for the event INNOVIZ.

For the first time in the versions of TECHKRANTI, in this version we have started a new initiative for the empowerment of women. We have decided to give an award for one lady staff member of our college from this year onwards by awarding them the title “EMPRESS” (meaning the lady emperor). So to start with this, we awarded Dr. Leena A V, with a memento and a certificate. She was unanimously selected by the team Techkranti 5.0, for the services she had rendered so far for the upliftment of our college and also for her leadership qualities as a Principal.

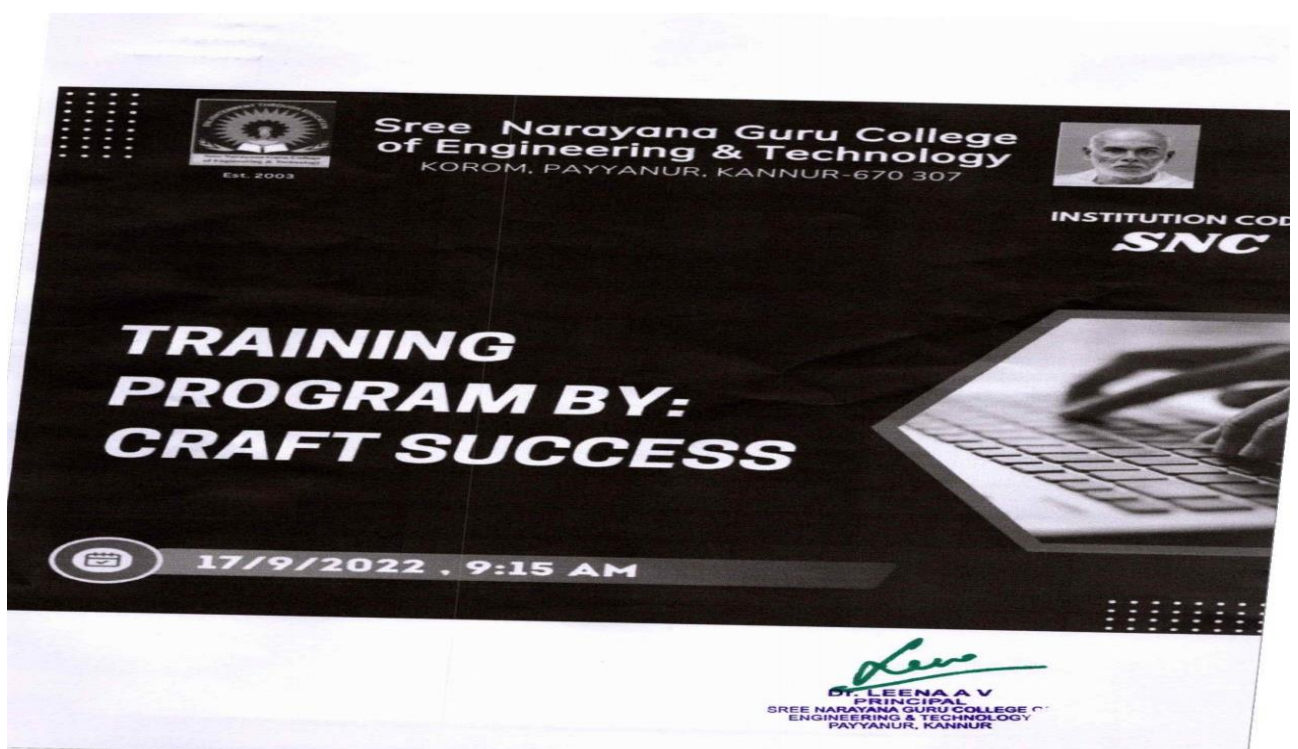




1.5.8 FACULTY TRAINING PROGRAM BY CRAFT SUCCESS (17/09/2022)

The program was dedicated to Inspiring and Motivating the Faculty and Staff of SNGCET. The session was highly appreciated by the participants. The trainers also shared their experience in developing various strategies for academic excellence and result improvement of the students.

Brochures and report of the programme is attached here with



1.5.9 Software Incubation cell Inauguration :

The inaugural ceremony on 20th January commenced at 11.30 AM with a warm welcome extended to all attendees by Ms. Veena KK, SIC lab coordinator. The event was graced by the presence of Sri. K P Pavithran(Secretary, SBSY), Sri. T K Rajendran (Vice President, SBSY), Dr Leena A V(Principal, SNGCET), Mr Sunder V(HoD CSE) who have been instrumental in supporting our institution's initiatives.

Mr Sunder V(HoD CSE) delivered an inspiring keynote address that emphasized the role of incubation cells in nurturing young entrepreneurs and driving economic growth. The keynote highlighted the importance of providing a conducive environment for innovation and shared valuable insights on how incubation cells can contribute to the startup ecosystem.

The ceremony also featured an address by Sri. K P Pavithran(Secretary, SBSY), who spoke about the vision behind establishing the Incubation Cell at SNGCET. Sri. T K Rajendran (Vice President, SBSY), underscored the institution's commitment to providing students with the necessary resources, mentorship, and opportunities to transform their innovative ideas into viable businesses.

The event showcased a virtual tour of the Incubation Cell's state-of-the-art facilities, highlighting the various resources available to students, including dedicated workspaces, mentorship programs, access to funding, and networking opportunities.

The inaugural ceremony of the Incubation Cell at SNGCET was a resounding success, reflecting our institution's commitment to nurturing the entrepreneurial spirit within our students. The event provided a platform for meaningful discussions, networking, and inspiration, setting the stage for the Incubation Cell to become a hub of innovation.



1.5.10 Mechanical Engineering Lab Inauguration

The inaugural ceremony commenced On 20th January commenced at 12.00 AM with a warm welcome extended to all attendees by Mr. Jacob Thomas, ME lab coordinator . The event was graced by the presence of Sri. T K Rajendran (Vice President, SBSY), Sri. K P Pavithran(Secretary, SBSY), Dr Leena A V(Principal, SNGCET), Mr Jacob Thomas (HoD ME) , who have been instrumental in supporting our institution's initiatives. Mr Jacob Thomas (HoD ME), delivered an insightful keynote address that emphasized the pivotal role of practical training in engineering education. The keynote highlighted the importance of hands-on experience in bridging the gap between theoretical knowledge and real-world application, and how the new Mechanical Engineering Lab will contribute to this objective. The ceremony also featured an address by Sri. T K Rajendran (Vice President, SBSY), who shared insights into the planning and development of the Mechanical Engineering Lab. Sri. K P Pavithran(Secretary, SBSY) emphasized the college's commitment to providing students with cutting-edge facilities that foster innovation, learning, and skill development. The event included a guided tour of the Mechanical Engineering Lab, showcasing the modern equipment, tools, and technology available to students. The lab's infrastructure and resources were designed to offer a comprehensive learning experience, enabling students to gain practical expertise in various aspects of mechanical engineering. The inaugural ceremony of the Mechanical Engineering Lab at SNGCET was a resounding success, signifying our institution's dedication to

equipping students with the best resources for academic and professional growth. The lab is poised to become a hub of innovation, research, and practical learning for our budding mechanical engineers.



1.5.11 BULB MANUFACTURING UNIT

LED bulb manufacturing unit inaugurated on 20th January, at 11.30am by the secretary Sri K.P. Pavithran (Secretary SBSY). The event was also graced by the presence of Sri. T K Rajendran (Vice President, SBSY), Dr Leena A V (Principal, SNGCET), Mr.Abhilash Krishnan T K (HoD EEE) who have been instrumental in making this LED manu- facturing unit true. Mr. Manu C, Assistant Professor (EEE), welcomed all to the inaugural ceremony. Mr.Abhilash Krishnan T K (HoD EEE) delivered an inspiring keynote address that emphasized the role of incubation cells in nurtur- ing young entrepreneurs and driving economic growth.

The ceremony also featured an address by Sri. K P Pavithran (Secretary, SBSY), who spoke about the vision behind establishing the Incubation Cell at SNGCET. Sri. T K Rajendran (Vice President, SBSY), the institution's commitment towards students in providing them with the necessary resources, mentorship, and opportunities to transform their innovative ideas into viable business. The unit will provide a platform for students to study LED Bulb manufacturing and start a new start up.



1.5.12 Kudumbasree Digital Awareness programme

International women's day celebration on Digital Awareness programme Phase 2 was organized by the Department of Computer Science and Engineering of Sree Narayana Guru College of Engineering and Technology on 8th March 2023 at

2.00 P.M in the meeting hall. The inauguration address by the chief guest Mrs. Sulochana K.M (10th ward Councilor, Payyanur municipality). The Presidential address by the principal Dr. Leena A V. Mrs. Anusha M (Lab in charge CSE)) delivered the welcome speech. Introduction about the program was done by Mr. Sunder V (HOD, CSE). Mrs. Shruthi P (AP, CSE) thanked the gathering through vote of thanks ceremony. Dr. Leena A V presented a memento to the chief guest as a symbol of love and gratitude to her. Digital Awareness class was conducted by the faculties of the department of Computer science and engineering. The total ten ladies participants of **various kudumbasree units attended the class.**



1.5.13 ISO 21001 TRAINING FOR FACULTY AND STAFF(13/09/22 & 14/09/22)

The ISO training program was conducted on 13th and 14th September 2022 By Mr. Subramaniam of Zandig TQM, Coimbatore. Thirty staff and faculty members who were selected attended the training and certificates were issued to all attendees.

1.5.14 THE GRAND ALUMNI MEET

The grand alumni meet held on 15/08/2023 in our campus was a resounding success rekindling the spirit of camaraderie and nostalgia among former students Overall, the grand alumni meet was a testament to the enduring bond between our college and its graduates, fostering a sense of pride and unity among generations of alumni.

1.5.15 BIM WORKSHOP

A three day workshop conducted between 15th to 17th June 2023 as part of curriculum of S6 Civil Engineering Software Lab (CEL 334).The workshop was handled by staff from CAD Centre Payyanur. The workshop inaugurated by Principal Dr. Leena A V . Workshop includes a lab session regarding BIM, REVIT, MS Project. Classes about BIM, REVIT were given on 15th and 16th June. On the last day students were given by classes regarding MS Project.



1.5.16 FACILITY MODIFICATION IN THE COLLEGE INFRASTRUCTURE

Our college has recently undertaken significant infrastructure enhancements to provide an enriched learning environment for students. The campus now boasts state-of-the-art facilities, including modern classrooms equipped with smart boards and audio-visual aids, enhancing the teaching-learning experience. Additional facilities created in the lab such as up gradation of the various software, purchase of new computer systems etc., improved the facilities to conduct the lab sessions and also gained advantage for the student developments. A spacious and well-maintained sports complex offers students opportunities for physical fitness and recreational activities. These enhancements align with our commitment to fostering holistic development and ensuring a conducive atmosphere for academic growth. New parking slots for the faculty were set up.

1.5.17 HANDS ON TRAINING ON PCB DESIGN AND FABRICATION

The Department of Electrical and Electronics Engineering conducted five days Hands on training on PCB Design and Fabrication for all students of our college from 30 March 2023 to 03 April 2023. A Total of 10 students participated in the training session. The students gained hands-on experience in PCB Design and Fabrication. The 5-days training session was handled by Mr. Sreeraj, the lab instructor EEE.

The primary objectives of the training is to familiarize participants with the fundamentals of PCB design. To provide practical training on using PCB design software. To educate participants about the PCB fabrication process. To enable participants to create their PCB designs and fabricate them.



1.5.18 WORLD AIDS AWARENESS DAY (01/12/2022)

On 01-12-22, WORLD AIDS DAY an AIDS awareness talk was conducted at SNGCET. Dr. Susan Abraham elaborated on the theme for 2022 **“Equalize”**. Mr. Rajeev TM, Health Inspector, Family Health Centre, Kankol, Alapadama Grama Panchayath, discussed with the students about AIDS and stressed that AIDS patients should not be stigmatized. Prof. O.UnniKrishnan administered the pledge.

1.5.19 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.

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 on circuit designing with bread board. He discussed the basics of embedded systems 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. Detailed report and brochures are attached herewith

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

Sree Narayana Guru College of Engineering & Technology, Payyanur

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, PAYYANUR

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

AND

Department of Electronics & Communication Engineering

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)



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR



Korom, Chalakcode 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


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

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



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.

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

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

Photos



1.5.20 INDIE TRIBE

The college music band – INDIE TRIBE took the stage by storm during their music performance held at Sree Sundareswara temple ,Talap premises which is administered by our management on 30th March 2023.

1.5.21 Student Induction Programme- VIHAAN -22 (25/10/2022 TO 29/10/2022)

The student induction programme “Vihaan 2022” was conducted for the first year students at Sree Narayana Guru College of Engineering and Technology, Payyanur , under APJ Abdul Kalam

Technological University. The programme was held from 25th October to 29th October 2022 following the AICTE norms, for all the branches. The program structure includes sessions dealing with physical activities, human values and ethics, anti-drug campaigns, soft skills, interactions with eminent persons of academic and industrial world, extracurricular and co-curricular activities etc.

This induction program aimed at a smooth transition of student life from pre-university level to a professional college, preparing them to adapt with their new roles and ambitions. The Program offered a beautiful combination of literary, personality development activities, human value sessions, career development and placement opportunities, sports, cultural events and many more.

Induction program set out a strong foundation for the students for their four year long Engineering journey. The motive of the program was to inculcate in the students the culture of the Institution. They were also familiarized with departmental facilities, library and laboratory facilities, placements and career opportunities.





1.5.22 LIFE MISSION PROJECT MASTER PLAN PREPARATION BY CIVIL ENGINEERING DEPARTMENT

Civil engineering department has undertaken Master plan preparation work for the Life mission township project at Peringome. Students from S6 CE, and faculty from the civil engineering department had a site visit at peringome. On April 14th total station survey has done on the area. Master plan and estimation has been prepared. Status updation and further discussions on the project has done at the Panchayath office in Peringome on 13th July. The township is spread across 7 acres of land and is designed to provide a total of 92 residential plots of 5 cents each. Each plot will be provided with access to road and other basic amenities like electricity, water supply, waste management and livelihood opportunities, with a focus on eco- friendly practices. The project also aims at facilities for Anganvadi, Community center cum library, Self- employment training, Recreation center, Mini shopping complex and other aids and services to improve the quality of life. Master plan along with a rough cost estimate has been submitted to the life mission authority.





1.5.23 KSEB POWER QUIZ (20/10/2022)

A college level power quiz was conducted by KSEB in association with the Department of Electrical and Electronics Engineering, in the college campus on 20th October 2022 at 1.00pm. 30 numbers of selected participants from various departments of the college participated in this event. Mr. Jaison Jacob, Assistant Executive Engineer, KSEB, 265 was the event coordinator. Mr. Vaishakh M Nayanar

and Mr. Abhilash Krishnan T.K. assisted the KSEB team for the smooth conduct of the event. The winners of the quiz were Thejasree T K(S5 ECE) and Arun K(S3 ECE), who are selected to participate in the district level quiz representing SNGCET.

1.5.24 “SAY NO TO DRUGS” CAMPAIGN (11/10/2022)

An awareness class on drug abuse was organized in the college on 11th of October 2022. The awareness class was led by Mr. Subhash P., C.I. Peringome Police Station, Mr. Jijesh and Mr. Prajeesh. The police officers sensitized the students against the ill-effects of drug use. They also presented visuals of the effects of drug intake and briefed about the major irreversible health concerns. They urged the students not to fall into traps laid by the drug peddlers.

1.5.25 WORKSHOP ON TOTAL STATION (16/12/22)

The workshop on total station was held on 16/12/22 and 20/12/22 organized by the department of Civil Engineering. Workshop was conducted by ALG International Institute of Technology, it is aimed to provide information regarding the working of the total station for 3rd semester Civil Engineering students. The training was conducted by Ms. Neethi, Ms. Sanjana and Mr. Mudhassir of ALG International Institute of Technology.



Civil Engineering: This department focuses on the design, construction, and maintenance of physical infrastructure. Civil engineers are the masterminds behind buildings, bridges, roads, transportation systems, and more. They ensure the safety and sustainability of our built environment.

Mechanical Engineering: Mechanical engineers design, develop, and analyze all things mechanical, from robots and engines to power plants and heating systems. Their work keeps the world moving.

Computer Science and Engineering: This department is at the forefront of the technological revolution. Students delve into the science of computation, software design, algorithms, and artificial intelligence. They are the architects of the digital age.

Electronics and Communication Engineering: This department deals with the intricate world of electronics and communication technologies. Students explore electronic circuits, devices, communication systems, and signal processing. They are the builders of the information age.

Electrical and Electronics Engineering: This department bridges the gap between electrical power and electronics. Students study power generation, transmission, distribution, and control systems, alongside electronic devices and circuits. They ensure the smooth flow of electricity and its efficient use in electronic applications.

Humanities and Science Department: This department provides a strong foundation in subjects like mathematics, physics, chemistry, economics, communication, and social sciences. These subjects nurture critical thinking, analytical skills, and a well-rounded perspective, valuable assets in any engineering field.

Faculty Details

Sl no.	Name of the faculty	Faculty joined year	<u>e-mail id</u>	Current designation	department
1	DR. LEENA A V	2007	leenaav@sngcet.org	PRINCIPAL	CE
	DR. SUSAN ABRAHAM	2012	susanabraham@sngcet.ac.in	DEAN PG AND UG STUDIES	13/06/2012

	MRS. MARY SONIA GEORGE	2012	marysoniageorgeb@sngcet.ac.in	HOD CE	04/06/2012
	MRS. SARITHA SASINDRAN	2015	sarithasasindran@sngcet.ac.in	PG COORDINATOR	01/10/2015
	MR. SHIBIN B	2022	shibinb@sngcet.ac.in	ASSISTANT PROFESSOR	10/05/2022
	MS. SHAMYA SUKUMARAN M	2022	shamyasukumaranm@sngcet.ac.in	ASSISTANT PROFESSOR	12/09/2022
	MS. REVATHI P	2022	revathip@sngcet.ac.in	ASSISTANT PROFESSOR	12/09/2022
	MS. POOJA K P	2022	poojakp@sngcet.ac.in	ASSISTANT PROFESSOR	05/12/2022
	MS. RISHNA K RAMAN	2023	rishnakraman@sngcet.ac.in	ASSISTANT PROFESSOR	01/03/2023
	MR. DEEPESH M P	2023	deepesh@sngcet.ac.in	ASSISTANT PROFESSOR	02/08/2023
	MS. ATHIRA P	2024	athirap@sngcet.ac.in	ASSISTANT PROFESSOR	01/08/2023
	MS.KEERTHANA RANJITH	2024	keerthanaranjith@sngcet.ac.in	ASSISTANT PROFESSOR	03/10/2023
	MS. AMRUTHA K	2024	amruthak@sngcet.ac.in	ASSISTANT PROFESSOR	13/02/2024

	SUNDER V	2020	sunderv@sngcet.ac.in	PROFESSOR AND HEAD	09/09/2020
	MS. VARSHA M	2021	varsham@sngcet.ac.in	ASSISTANT PROFESSOR	04/10/2021
	MS. VIJINA VIJAYAN	2021	vijinavijayan@sngcet.ac.in	ASSISTANT PROFESSOR	20/10/2021
	MS. NIMISHA M K	2021	nimishamk@sngcet.ac.in	ASSISTANT PROFESSOR	01/11/2021
	MS. THULASIBAI A	2022	thulasibaia@sngcet.ac.in	ASSISTANT PROFESSOR	05/05/2022
	MRS. VEENA K K	2022	veenakk@sngcet.ac.in	ASSISTANT PROFESSOR	09/06/2022
	SHRUTHI P	2023	shruthip@sngcet.ac.in	ASSISTANT PROFESSOR	13/02/2023
	ASWATHI C	2023	aswathic@sngcet.ac.in	ASSISTANT PROFESSOR	13/03/2023
	SHARIJA P	2023	sharijap@sngcet.ac.in	ASSISTANT PROFESSOR	01/08/2023
	DR. RAJI SUKUMAR A	2023	rajisukumar@sngcet.ac.in	ASSOCIATE PROFESSOR	26/07/2023
	KRIPA P V	2024	kripapv@sngcet.ac.in	ASSISTANT PROFESSOR	29/01/2024

	ATHIRA BALACHANDRAN	2024	athirabalachandran@sngcet.ac.in	ASSISTANT PROFESSOR	05/03/2024
	DR. JERRY V JOSE	2024	jerryjose@sngcet.ac.in	HOD, ECE, ASSOCIATE PROFESSOR	29/01/2024
	MS. LEENA NARAYANAN	2008	leenanarayanan@sngcet.ac.in	ASSISTANT PROFESSOR	02/06/2008
	MS. MEERA M	2021	meeram@sngcet.ac.in	ASSISTANT PROFESSOR	06/12/2021
	MS. THRISHNA S	2021	thrishnas@sngcet.ac.in	ASSISTANT PROFESSOR	15/12/2021
	MS. VANI R	2024	vanir@sngcet.ac.in	ASSISTANT PROFESSOR	01/07/2022
	MS. ABHAYA DK	2022	abhayadk@sngcet.ac.in	ASSISTANT PROFESSOR	10/10/2022
	MS.CHAITHANYA K P	2024	chaithanyakp@sngcet.ac.in	ASSISTANT PROFESSOR	06/02/2023
	MS.SOSHYA V C	2023	soshyavc@sngcet.ac.in	ASSISTANT PROFESSOR	01/08/2023
	MS. ATHULYA MADHUSOODANAN NAMBIAR	2024	athulyamn@sngcet.ac.in	ASSISTANT PROFESSOR	29/01/2024

	MS. SINI NAMATH	2024	sininamath@sngcet.ac.in	ASSISTANT PROFESSOR	31/01/2024
	MR.ABHILASH KRISHNAN T K	2010	abhilashkrishnantk@sngcet.ac.in	HEAD OF THE DEPARTMENT	13/09/2010
	MS. PRABHA CHANDRAN	2019	prabhachandran@sngcet.ac.in	ASSISTANT PROFESSOR	28/01/2019
	MR. MANU C	2020	manuc@sngcet.ac.in	ASSISTANT PROFESSOR	01/01/2020
	MR. VAISHAKH M NAYANAR	2020	vaishakhmnayanar@sngcet.ac.in	ASSISTANT PROFESSOR	09/09/2020
	MS. ARCHANA C P	2020	archanacp@sngcet.ac.in	ASSISTANT PROFESSOR	30/12/2020
	MS. RINSHA TV	2022	rinshatv@sngcet.ac.in	ASSISTANT PROFESSOR	13/02/2023
	MS. ASWATHI RAVINDRAN	2023	aswathiravindran@sngcet.ac.in	ASSISTANT PROFESSOR	02/08/2023
	MS. SURYA K	2024	suryak@sngcet.ac.in	ASSISTANT PROFESSOR	29/01/2024
	MR. SUDHIN CHANDRAN	2023	sudhinchandran@sngcet.ac.in	HOD, ME, ASSOCIATE PROFESSOR	06/02/2023

	MR. JACOB THOMAS	2022	jacobthomas@sngcet.ac.in	ASSISTANT PROFESSOR	14/02/2022
	MR. ATHUL RAJ P P	2022	athulrajpp@sngcet.ac.in	ASSISTANT PROFESSOR	19/09/2022
	MR. RAHUL CG	2023	rahulcg@sngcet.ac.in	ASSISTANT PROFESSOR	08/02/2023
	MR. DOMINIC THOMAS	2023	dominictthomas@sngcet.ac.in	ASSISTANT PROFESSOR	01/08/2023
	MR. JIJIN I	2022	jiijin@sngcet.ac.in	ASSISTANT PROFESSOR	13/09/2022
	MR. GAUTHAM VM	2024	gauthamvm@sngcet.ac.in	ASSISTANT PROFESSOR	29/01/2024
	MRS.SOUBHAGYA PS	2023	soubhagya@sngcet.ac.in	ASSISTANT PROFESSOR	18/09/2023
	MS. BINDIYA M C	2015	bindiyamc@sngcet.ac.in	HOD, ASSISTANT PROFESSOR	23/09/2015
	MR. ABHIROSH K	2022	abhiroshk@sngcet.org	ASSISTANT PROFESSOR	08/11/2022
	MS. NIMMITHA MURALI	2022	nimmithamurali@sngcet.org	ASSISTANT PROFESSOR	27/04/2022

	MS. ANUSREE TK	2022	anusreetk@sngcet.org@sn g cet.org	ASSISTANT PROFESSOR	08/11/2022
	MR. DINOOP T	2023	dinoopt@sngcet.ac.in	ASSISTANT PROFESSOR	26/07/2023
	MS. JISNA E P	2023	jisnaep@sngcet.ac.in	ASSISTANT PROFESSOR	01/08/2023
	MS. NEENU T V	2023	neenutv@sngcet.ac.in	ASSISTANT PROFESSOR	02/08/2023
	MS. RUFEIDA	2023	rufaidac@sngcet.ac.in	ASSISTANT PROFESSOR	01/08/2023
	MR UNNIKRISHNAN O	2010	pd@sngcet.ac.in	ASSISTANT PROFESSOR, PHYSICAL EDUCATION TRAINER	25/05/2010
60	MR SHYAMAN V P	2023	shyamanvp@sngcet.ac.in	ASSISTANT PROFESSOR	04/08/2023

1.8 Programs/FDPs/Courses attended by the faculty members

S. No.	Name of the participant	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
1	Prof. Raveendran K	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022
2	Leena Narayanan	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022
3	Thrishna S	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022

4	Vani R	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022
5	Meera M	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022
6	ABHILASH KRISHNAN T K	ISO 21001:2018 AWARENESS	13.09.2022 - 14.09.2022
7	VAISHAKH M NAYANAR	ISO 21001:2018 AWARENESS	13.09.2022 - 14.09.2022
8	Thrishna S	Workshop on “5G – Advanced Antenna design and analysis using Ansys HFSS”	07.12.2022
9	Leena Narayanan	Five days FDP on IoT with hands-on session	27.02.2023 - 03.03.2023
10	Thrishna S	Five days FDP on IoT with hands-on session	27.02.2023 - 03.03.2023
11	Vani R	Five days FDP on IoT with hands-on session	27.02.2023 - 03.03.2023
12	Chaithnya K P	Five days FDP on IoT with hands-on session	27.02.2023 - 03.03.2023
13	Abhaya D K	Five days FDP on IoT with hands-on session	27.02.2023 - 03.03.2023
14	Meera M	Five days FDP on IoT with hands-on session	27.02.2023 - 03.03.2023
15	Thrishna S	System Design Flow and ASIC Design Flow	24.07.2023
16	PRABHA CHANDRAN	ISO 21001:2018 AWARENESS	13-09-2022 to 14-09-2022
17	ABHILASH KRISHNAN T K	WORKSHOP ON INDUSTRIAL AUTOMATION AND INTRODUCTION TO IoT	11-16-2019 to 11-16-2019
18	PRABHA CHANDRAN	SYSTEM MODELLING AND CONTROL DESIGN - RECENT PERSPECTIVES	30-01-2023 to 03-02-2023
19	PRABHA CHANDRAN	ETHICS IN PROFESSION AND STUDENT PSYCHOLOGY	19-07-2021 to 24-07-2021
20	VAISHAKH M NAYANAR	IEEE PDH ON UNLIMITED RANGE ELECTRIFIED DRONES FOR EMERGENCY MEDICAL RESPONSE ACTIVITIES	4-1-2021 to 4-1- 2021
21	VAISHAKH M NAYANAR	IEEE PDH ON TESTING INVERTERS USING ELECTRIC MOTOR EMULATORS BENEFITS, CHALLENGES 274	5-29-2021 to 5- 29-2021

22	VAISHAKH M NAYANAR	IEEE PDH ADVANCED HEALTH CONSCIOUS FAST CHARGING SCHEMES AND BATTERY MANAGEMENT SYSTEMS FOR AUTONOMOUS E MOBILITY	6-15-2021 to 6- 15-2021
23	VAISHAKH M NAYANAR	COURSERA CERTIFIED COURSE ON ELECTRIC POWER SYSTEMS	8-24-2020 to 8- 24-2020
24	VAISHAKH M NAYANAR	CONTROL SYSTEM WITH MATLAB SIMULINK	5-14-2020 to 5- 14-2020
25	Dr. SUSAN ABRAHAM	A study on biomimetics for sustainable concrete structures	4/28/2023
26	Dr. SUSAN ABRAHAM	Certificate of participation in preparation of DPR for abatement of pollution and rejuvenation of 21 rivers in Kerala	11-2020 to 02- 2021
27	Dr. SUSAN ABRAHAM	Tall structures design and construction	07-04-2022, 09- 04-2022
28	Dr. SUSAN ABRAHAM	Training course on ISO21001.2018 awareness	13-09-2022, 14- 09-2022
29	Ms. MARY SONIA GEORGE B	Concrete mix design workshop	4/28/2023
30	Ms. MARY SONIA GEORGE B	Training course on ISO21001.2018 awareness	13-09-2022 to 14-09-2022
31	Ms. SHILPA VALSAKUMAR	Training course on ISO21001.2018 awareness	13-09-2022 to 14-09-2022
32	Ms. SARITHA SASINDRAN	Training course on ISO21001.2018 awareness	13-09-2022 to 14-09-2022
33	Ms. SARITHA SASINDRAN	Webinar on sustainable construction materials: Towards net zero carbon	3/18/2023
34	Ms. SARITHA SASINDRAN	Webinar on latest trends and techniques in architecture for home building	4/19/2023
35	Ms. SHILPA VALSAKUMAR	Concrete mix design workshop	4-28-2023 to 4- 28-2023
36	Mr.SHIBIN B	Concrete mix design workshop	4-28-2023 to 4- 28-2023
37	Mr.SHIBIN B	Webinar on sustainable construction materials : Towards net zero carbon	3/18/2023
38	Mr.SHIBIN B	Webinar on rainwater harvesting : A home buliding essential today 275	3/22/2023

39	Ms. SHAMYA SUKUMARAN M	Concrete mix design workshop	4/28/2023
40	Ms. SHAMYA SUKUMARAN M	Webinar on sustainable construction materials : Towards net zero carbon	3/18/2023
41	Ms. SHAMYA SUKUMARAN M	Webinar on rainwater harvesting : A home buliding essential today	3/22/2023
42	Ms. REVATHI P	Concrete mix design workshop	4/28/2023
43	Ms. REVATHI P	Webinar on construction issues precast structural systems	3/28/2023
44	Ms. REVATHI P	Webinar on sustainable construction materials : Towards net zero carbon	3/18/2023
45	Ms. REVATHI P	Webinar on rainwater harvesting : A home buliding essential today	3/22/2023
46	Ms. POOJA K P	Concrete mix design workshop	4/28/2023
47	Ms. POOJA K P	Webinar on sustainable construction materials : Towards net zero carbon	3/18/2023
48	Ms. RISHNA K RAMAN	Concrete mix design workshop	4/28/2023
49	Ms. RISHNA K RAMAN	Webinar on construction issues precast structural systems	3/28/2023
50	SUNDER V	Five days FDP on IoT with hands-on session	27.02.2023 - 03.03.2023
51	NIMISHA M K	Online Faculty Development Programme on "Distributed Computing"	30.01.2023 - 01.02.2023
52	NIMISHA M K	Artificial Intelligence and Data Science	17.03.2022 - 19.03.2022
53	NIMISHA M K	Five days FDP on IoT with hands-on session	27.02.2023 - 03.03.2023
54	VIJINA VIJAYAN	FDP on Recent Trends and Application of NLP	14.02.2022 - 18.02.2022
55	VIJINA VIJAYAN	Artificial Intelligence and Data Science	17.03.2022 - 19.03.2022
56	VIJINA VIJAYAN	Five days FDP on IoT with hands-on session	27.02.2023 - 03.03.2023
57	VARSHA M	Five days FDP on IoT with hands-on session	27.02.2023 - 03.03.2023

58	VARSHA M	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022
59	VARSHA M	FDP on Deep Learning	23.01.2023 - 25.01.2023
60	THULASIBAI A	Five days FDP on IoT with hands-on session	27.02.2023 - 03.03.2023
61	THULASIBAI A	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022
62	THULASIBAI A	FDP on Deep Learning	23.01.2023 - 25.01.2023
63	VEENA K K	Five days FDP on IoT with hands-on session	27.02.2023 - 03.03.2023
64	VEENA K K	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022
65	VEENA K K	FDP on Artificial Intelligence and Data Science	17.03.2022 - 19.03.2022
66	SHARIJA P	Workshop on IPRs Management of startup	11.03.2022

1.9 Committees Functioning in the College

1.9.1 Internal Quality Assurance Cell

The Internal Quality Assurance Cell (IQAC) is established in the college to monitor the academic performance and to work towards excellence. The aim of the IQAC is to assure and maintain the academic activities of the college. It achieves quality through incessant improvement with coordination of all stake holders. The IQAC also reviews the academic performance and presents the details to the University Audit team.

Primary Aim

To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Functions

IQAC takes a lead role in undertaking academic audit in every semester and gives feedback with the purpose of devising quality enrichment programmes.

It facilitates the creation of an environment conducive for quality education.

It documents the various programmes/activities leading to quality improvement.

1.9.2 Grievance and Redressal Cell

The Grievance Cell aims to develop a responsive and accountable attitude among all the stakeholders to maintain harmony within the institute. The Grievance Cell has been constituted for the redressal of the problems identified by the staff and students of the college with the following objectives:

Maintain the honour of the College by ensuring a peaceful atmosphere in the College by promoting cordial Student-Students and Student-Staff relationship.

Encourage the Students to express their grievances / issues openly without any fear of victimization.

Suggestion / Complaint Box is placed in the reception foyer where Students / Staff, may drop their grievances or suggestions for improving the Academics / Administration in the College.

The grievance may also be mailed to the grievances@sngcet.ac.in

1.9.3 Women's Cell

The Women's Cell at SNGCET aims at empowering the Women of SNGCET by providing them opportunities to attain their true potential. The Women's Cell is committed to create awareness among the Women about gender sensitive issues and their legal rights. The Women's Cell takes necessary action on the grievances put forth by the Women. We are committed to provide a fully confidential and supportive environment to all the female members of our campus community. The Girls/women shall also post their grievances at womengrievances@sngcet.ac.in or contact the 24x7 helpline –8943616582

The objectives of the Cell are :

To ensure the facilities and needs of the women faculty, staff and students are met

To address problems arising out of any gender-related discrimination

To train women in different domains and to help them attain their own stand in a competing world

This Committee of SNGCET serves as the cornerstone of an institution's academic excellence. This critical committee is entrusted with the responsibility of overseeing and guiding all academic activities.

Composition:

Head of Departments (HoDs): Each academic department's head brings their expertise and insights to the table.

Principal: The institution's leader provides direction and ensures alignment with the overall vision.

Administrative Officer: They offer crucial support with academic logistics and implementation.

Placement Officer: This member bridges the gap between academics and career prospects, ensuring program relevance.

Functioning:

Monitoring Academic Activities: The council keeps a watchful eye on curriculum delivery, teaching methodologies, student progress, and examination processes.

Decision-Making: They deliberate on proposals for introducing new courses, revising existing curriculums, and implementing innovative teaching methods.

Standardization and Quality Assurance: The council ensures academic quality by establishing and upholding rigorous standards across all programs.

Promoting Research and Development: They may encourage and facilitate faculty research activities that contribute to the advancement of knowledge.

2. CURRICULAR DESIGN AND DEVELOPMENT

2.1 Programmes Offered

2.1.1UG Programmes

B.Tech in Civil Engineering: This program equips you with the knowledge and skills to design, construct, and maintain civil infrastructure projects. You'll delve into structural analysis, geotechnical

engineering, water resources management, and transportation engineering, laying the foundation for a rewarding career in building a sustainable future.

B.Tech in Mechanical Engineering: This program ignites your passion for all things mechanical. You'll explore thermodynamics, mechanics of materials, machine design, and manufacturing processes. Graduates become the innovators behind everything from automobiles and robotics to power plants and aerospace technology.

B.Tech in Electronics and Communication Engineering (ECE): This program immerses you in the exciting world of electronics and communication. You'll master electronic circuits, communication systems, signal processing, and embedded systems. Graduates are the architects of our information age, designing and developing communication technologies that connect the world.

B.Tech in Electrical and Electronics Engineering (EEE): This program bridges the gap between electrical power and electronics. You'll delve into power generation, transmission, and control systems, alongside electronic devices and circuits. Graduates are the backbone of the power sector, ensuring efficient generation, transmission, and utilization of electrical energy.

B.Tech in Computer Science and Engineering (CSE): This program propels you to the forefront of the technological revolution. You'll explore the science of computation, software design, algorithms, and artificial intelligence. Graduates become the architects of the digital age, designing and developing the software and systems that shape our world.

2.1.2 PG Programmes

M.Tech in Computer Aided Structural Engineering (CASE): This specialized program builds upon your civil engineering background. You will master cutting-edge software tools for structural analysis and design, allowing you to optimize complex structures efficiently. Graduates become experts in structural engineering, contributing to the creation of innovative and sustainable infrastructure.

3. ADMISSION

3.1 Total admission in 2022-23 academic year

SI No.	Name of Course (UG and PG)	University approved intake	Actual Intake
1	B. TECH CIVIL ENGINEERING	60	14, 45
2	B. TECH COMPUTER SCIENCE AND ENGINEERING	60	65 55.3
3	B. TECH ELECTRONICS AND COMMUNICATION ENGINEERING	30	19 20
4	B. TECH ELECTRICAL AND ELECTRONICS ENGINEERING	30	12 25
5	B. TECH MECHANICAL ENGINEERING	60	12 17.64
6	M.TECH COMPUTER AIDED STRUCTURAL ENGINEERING	24	1 66.67

3.2 Admission activities conducted for 2022-23 academic year admission

The admission cell was constituted on 02/08/2022. The Chairman and other committee members played a vital role in campaigning for the admissions 2022. They visited several schools in and around Payyanur, Kanhangad, Taliparamba and Pazhayangadi and distributed the brochures. In total, around 60 schools were visited in person by the Admission cell members. The college advertisement was displayed at various Akshaya centres. Pamphlets and brochures were distributed at various KEAM and JEE centres. Advertisements for admission were also displayed in the print and visual media as per the directions from the Management. The Management declared a special scholarship scheme for the students from economically weaker sections who excelled in academics in their higher secondary exams. As soon as a good number of students enrolled in the Management and NRI quota, the bridge course were started in the college. A workshop on ROBOTICS was also conducted for these students. The admission cell members have worked hard throughout the admission process for admitting students for various courses in the college. The Management committee encouraged and appreciated

the efforts taken by the admission cell in boosting the admissions for this academic year in our college.



4. TEACHING LEARNING TECHNIQUES USED

Learning goes far beyond textbooks. Effective educators utilize a diverse toolbox of teaching methods to cater to different learning styles and keep students engaged. The following are some of the approaches used in our college to implement outcome based education system:

Lectures - This time-tested method, with the teacher at the helm, delivers information through lectures and explanations. It provides a solid foundation in core concepts and allows for clear communication.

Smart Classrooms: Embracing Technology - Integrating technology like interactive whiteboards and educational software injects a dynamic element. Visual aids and simulations enhance understanding, making complex topics more accessible.

Group Activities: Group discussions, debates, and problem-solving exercises encourage teamwork, communication, and critical thinking. Students learn from each other's perspectives and develop valuable social skills.

Project-Based Learning: Projects allow students to delve deeper into a topic. Research, planning, execution, and presentation foster a sense of ownership over learning. Students develop essential skills like research, time management, and presentation.

Seminar Presentations: Presenting findings or arguments to a class hones research, communication, and critical thinking skills. Students learn to organize information, articulate ideas, and handle questions with confidence.

External Interactions: Workshops led by experts or guest speakers bring fresh perspectives and practical insights. Field trips and industry visits provide real-world context and spark curiosity. These interactions broaden knowledge and open doors to future possibilities.

5. EVALUATION SYSTEM AND RESULTS

5.1 Stages of Valuation Process

Internal Evaluation:

College-Driven Assessments: This system is managed by the college itself.

Components:

Internal Assessment Tests: These exams, conducted by the college's internal exam cell, measure student understanding of course material at regular intervals.

Assignments and Tutorials: Faculty evaluate these to assess critical thinking, problem-solving skills, and application of knowledge.

All internal assessments are designed to be outcome-based. This means they evaluate a student's ability to achieve specific learning objectives outlined in the course curriculum.

External Evaluation:

University-Conducted Exams: These exams, typically semester or year-end, are set and evaluated by the university to ensure a standardized level of assessment across colleges affiliated with it.

5.2 Result Analysis

Percentage of students completed the course in the year 2022 from various streams of UG and PG is as follows.

SI No.	Name of Course (UG and PG)	Pass Percentage
1	B.TECH CIVIL ENGINEERING	45

2	B.TECH COMPUTER SCIENCE AND ENGINEERING	55.3
3	B.TECH ELECTRONICS AND COMMUNICATION ENGINEERING	20
4	B.TECH ELECTRICAL AND ELECTRONICS ENGINEERING	25
5	B.TECH MECHANICAL ENGINEERING	17.64
6	M.TECH COMPUTER AIDED STRUCTURAL ENGINEERING	66.67

6. EXTRACURRICULAR ACTIVITIES AND ACHIEVEMENTS

6.1 NATURE CLUB TREE IDENTIFICATION PROGRAMME

Nature club of SNGCET has organized a tree identification programme on 15th of March 2023. Mr Vilas P ,chairman Nature club SNGCET, welcomed the gathering ,he briefed about the program's agenda to identify and name the trees in the campus as it is important for each individual to be aware of the species around them, and the importance to see the nature as a necessity. Mr Manu C, Convenor, Mrs Gana, Treasurer, Nature club were present at the venue along with other nature club staff members and students.

Dr Leena A V, officially inaugurated the programme and addressed the students and other members of nature club and con- gratulated the members for the initiative taken.

Students along with staff members identified various trees in the campus and named them. Mr Vilas P, familiarized the trees to the students by making them aware of the importance and properties of each trees. Around 60 trees were identified along with their common names and scientific names.

Mr Manu C, Convenor, Nature club proposed the vote of thanks. Mr Harikanth, student member Nature club SNGCET, thanked the crowd and shared his happiness of learning new things.



ORGANIC WASTE BIN PREPARATION

Nature club of SNGCET has organised a “*Organic waste bin preparation*” program on 17th of march 2023. Mr Vilas P ,cChairman Nature club SNGCET ,welcomed the gathering, he briefed about the traditional method for preparing organ- ic waste bin from the green blades of coconut leaves as it is a best substitute for plastic bins. The students , faculty and staff members of nature club along with other members of the institution joined their hands together for the preparation of the bins .

Later by the day bins were handed over to the principal as a part of inaugural ceremony by the students and staff members of nature club .Organic waste bins was placed in different parts of the college as a contribution towards ”SATVI 2023”.



WORLD ENVIRONMENT DAY CELEBRATION ORGANIZED BY NATURE CLUB, SNGCET

World Environment Day 2023 was celebrated in the college on 5th of June 2023 at 1:00 pm coordinated by NATURE CLUB, SNGCET. The programme was presided over by the representatives of the Management, Sree Bhakthi Samvardhini Yogam, Talap, Kannur. The Principal SNGCET, Dr. Leena A.V, welcomed all to the programme. The guest of honor, Shri.

Rajeevan M., Assistant Conservator of Forests, Social Forestry Division, Kannur, inaugurated the programme. The staff and students of the college also were present in the programme.

A plantation drive was organized by the club with initiatives like floral garden and herbal garden in the college campus under the programmes. The Management representatives, Chief Guest, Principal, Members of the Nature club, Staff and students of the college actively participated in the drive by planting over 200 saplings. A photography competition was also conducted by the club on the World Environment Day 2023 theme- Beat Plastic Pollution with a good number of responses. The winner was awarded with a cash prize. The programme concluded at 3:45 pm with the Chairman, Nature Club, Shri Vilas P., delivering the vote of thanks.



6.2 IEDC- Orientation Programme

On the 4th of April, an impactful and enlightening IEDC (Innovation and Entrepreneurship Development Cell) Orientation Program was conducted at Sree Narayana Guru College of Engineering and Technology. The program was led by the esteemed Mr. Vinod K, a highly regarded Lecturer in Electronics at EKNMGPTC, Trikaripur. The event aimed to introduce the concept of innovation and entrepreneurship to the students, encouraging them to think creatively and explore the world of startups and business ventures.

The event kicked off at 9:30 PM in the SNGCET Auditorium. The anticipation and excitement among the students were palpable as they gathered to learn from Mr. Vinod's extensive experience in the

field of electronics and innovation. The orientation program was a significant step towards fostering a culture of innovation, creativity, and enterprise among the students.



6.3 FDP on Technical Writing on 7C's

A faculty development programme on 1st September 2022 on Technical writing by Mrs. Aswathi Sreejith and she elaborated on 7C's of technical writing : Clear, Concise, Concrete, Correct, Coherent, Complete, Courteous . The details of the programme and brochures are attached herewith.





SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY


REPORT OF FACULTY DEVELOPMENT PROGRAM ON “ TECHNICAL WRITING “

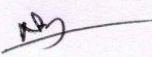
A faculty development program was held on September 1st, 2022 on “technical writing “ the session was led by the Subject Expert Mrs . Aswathi Sreejith (Asst professor in English , Training and placement officer ,SNGCET).The session commenced by 11am in the meeting hall .

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, PATTANUR
KANNUR

HOD
Nikhil M 

SL.NO	EVENT NAME	DATE AND TIME	VENUE
1	ASAAD SENA	03-04-23 10:30 AM	MEETING HALL
2	WORLD ENVIRONMENT DAY EVENTS	05-06-23	COLLEGE CAMPUS
3	CLEAN HOME CHALLENGE	22-05-23	
4	VENALKOOTAM 2023-A 7 DAY RESIDENTIAL CAMP	08-05-23 TO 14-05- 23 2:30 PM	GOVT L P SCHOOL THALAVIL
5	IDAM REHABILITATION CENTRE VISIT	23-01-23 11:30 AM	IDAM REHABILITATION CENTRE
6	INTERNATIONAL YOGA DAY CELEBRATION	21-06-23 2:00 PM	MEETING HALL
7	LET US CLEAN “KANAYI KANAM”	24-04-23 2:00 PM	KANAYI KANAM
8	CLEANING ACTIVITY HELD AT PRIMARY HEALTH CENTER THALAVIL	10-05-23 11:00 AM	PRIMARY HEALTH CENTER THALAVIL
9	STUDY KIT DISTRIBUTION TO ECONOMICALLY BACKWARD STUDENTS	14-05-23 12:00 PM	GOVT. LP SCHOOL THALAVIL
10	“THALAVINU ORU THANAL” TREE PLANTATION DRIVE	11-05-23 03:35 PM	THALAVIL JUNCTION

11	“VEGITABLE GARDEN MAKING FOR ECONOMICALLY BACKWARD HOUSES OF THALAVIL ”	12-05-23 10:30 AM	THALAVIL
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6.4.1 ENTRY LEVEL ORIENTATION PROGRAM FOR NSS VOLUNTEERS

Entry level orientation program for NSS Volunteers is conducted in Sree narayana guru college of engineering and technology Payyanur on 14th march 2023 at college meeting hall. Program started with an NSS song, sung by Harikanth and Adarsh K V of S2 batch at 11 pm. Mr. Vaishakh M Nayanr, Program officer, NSS SNGCET welcomed the gathering. After Dr. Leena A V, Principal SNGCET, addressed the volunteers and delivered a detailed presidential speech on NSS and its activities. The inaugural address was delivered by Sri. T K Rajendran, Vice President, SBSY Talap, Kannur. Sir had given his immense support to NSS Activities in our college through his inaugural address. The resource person for the orientation session was Mr. Binesh Mohan P, Program Officer, College of Engineering Trikaripur, Kasargod. Sir addressed the gathering with his valuable words on the importance of NSS activities. Prof. Unnikrishnan O, Hod Physical education dept., Former NSS program officer and Dr. Susan Abraham, Dean UG and PG studies addressed the volunteers.

The official inaugural ceremony was ended at 12 noon by vote of thanks speech delivered by Ms. Nandana K of S4 CE. After formal inauguration, Mr. Binesh Mohan P, Program Officer, College of Engineering Trikaripur, Kasargod was taken the orientation class for nss volunteers. He had explained all details on nss enrollment, nss activities, and how to contribute our service to society through NSS.



6.4.2 VENALKOOTAM 2023-A 7 DAY RESIDENTIAL CAMP

National service scheme cell of Sree Narayana Guru College of Engineering and Technology Payyanur had conducted a 7 days residential camp from 8th may 2023 to 14th may 2023 at Govt. LP School Thalavil. The whole camp was led by Mr. Vaishakh M, Program officer, NSS SNGCET. On 8th May, at 2.30 PM the official inauguration of VENALKOOTAM-2023 was conducted at school auditorium. Inauguration session was presided by Mr. Sunder V, HOD CSE and Inaugurated by Smt. Jyothy Lakshmi, Ward member Chapparapadav Grama Panchayath. After formal inauguration, an ice breaking session was conducted by Sri. Manoj T V, Leadership and Life Skill trainer, Till 10 pm night. On 9th may September school cleaning activity was conducted by NSS volunteers. Live concert of musical band of SNGCET, INDIE TRIBE was conducted in the evening for the localities of thalavil. On 10th may 2023, as part of community extension program cleaning and maintenance activity at primary health center Thalavil was done by volunteers of NSS SNGCET. In the evening a session on Psycho- logical Counselling lead by Mr. Balakrishnan P, conducted for volunteers of NSS SNGCET. On 11th May 2023, a session on Awareness on blood donation lead by Smt. Asha P V, conducted for volunteers of NSS SNGCET. In the evening as part of community extension program volunteers conducted planting of saplings at the thalavil junction. On 12th may 2023 , volunteers of NSS SNGCET as part of social service to thalavil, created a vegetable garden for near by houses of school. In the evening a session on Health and Fitness lead by Mr. Unnikrishnan O , conducted for volunteers of NSS SNGCET. On 13th may 2023, paper pen making and distribution activity was conducted by volunteers. In the evening a kolkali performance by jwala karippal was conducted in camp for localites of Thalavil. After camp conclusion and camp evaluation session was conducted. 14th may 2023 formal closing ceremony of the camp was conducted. Session presided by Mr. Vaishakh M ,Program officer, NSS SNGCET and inaugurated by Smt Jyothy Lakshmi, Ward member Chapparapadav Grama Panchayath. In the closing session held on 14th, study kits were also distributed to the deserving students of the school. Then awards were distributed to the best NSS volunteers



Let us clean 'KANAYI KANAM'

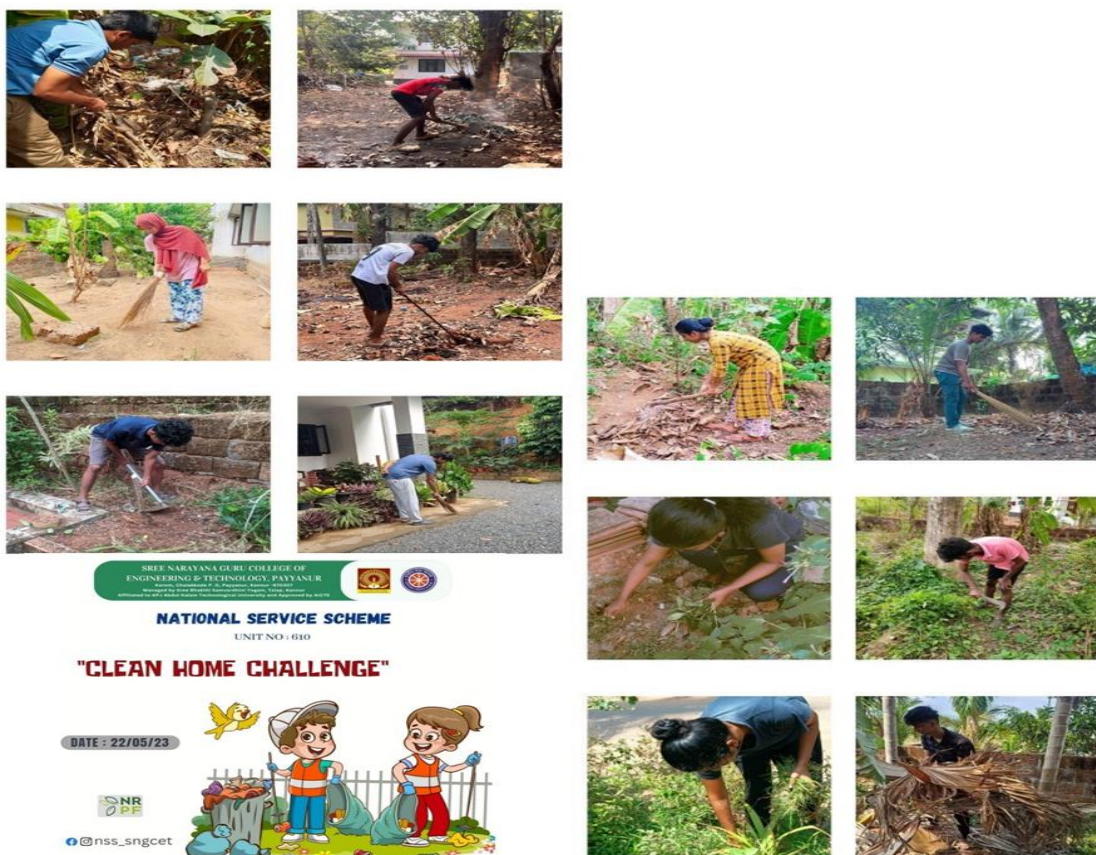
Kanayi Kanam is a beautiful water located near to Payyanur. This is a destination of several travellers and photographers during rainy seasons. The natural eco system of this place is affected due to deposit of plastic bottles and covers. The NSS unit of SNGCET conducted a cleaning drive at kanayi kanam to remove all plastic waste before rain starts on 21-04-2023. Several students along with n volunteers participated in this program.





Clean Home Challenge

NSS Unit of SNGCET organized a challenge among whole college students on 22ND MAY 2023 to clean their own homes and to send pictures to NSS coordinators. This is to avoid massive spread of diseases due to unhygienic surroundings. Several students participated in this event along with nss volunteers.



6.5 International Women's Day Celebration- Self Defence Awareness Programme

The International Women's Day was celebrated on 8th March 2023. The Women's day theme for the year 2023 is Accelerating Equality & Empowerment. The lady faculty members, staff and students gathered at the Seminar Hall. The programme aimed at creating an awareness on self defence among the Women of SNGCET to empower them.

Mrs.Aswathi Sreejith, Training and Placement officer welcomed the gathering. The Principal Dr.Leena A.V delivered the Presidential Address and encouraged the students to aspire to be Strong Women, she reiterated that women in the campus should be trained to confidently face the world.


The Programme offered a beautiful combination of practical advice and effective demonstrations by Mrs. Omana.C and Mrs.Sindhu T.P Members Janamaitri Police Team, Kannur . The students actively participated in the training. The meeting concluded with the Vote of Thanks by Dr.Susan Abraham, Chairperson , Women's Cell SNGCET insisted that the ladies at SNGCET should "Be strong; be alert and confident, compassionate and caring.



6.6 SWAYAM- NPTEL Chapter

Several students successfully completed online courses on this platform.

Saved to this PC



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
MEGHANA GANGADHARAN
for successfully completing the course


Data Base Management System

with a consolidated score of **40** %


Online Assignments	10/25	Proctored Exam	30/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: **6795**


Jul-Sep 2023
(8 week course)




Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS79S44800051 To verify the certificate  No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
THEJASREE TK
for successfully completing the course

CMOS Digital VLSI Design

with a consolidated score of **52** %

Online Assignments	16.04/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **528**


Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Mar 2023
(8 week course)



Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23EE07S44860140 To validate the certificate  No. of credits recommended: 2 or 3

6.7 Annual sports meet

The annual Sports Day was held on 04/05/22. The Sports Day was organised by the Physical education department of the college. The event took place in the spacious playground of the college. The students competed against one another in various sports events like 200 metres race, shuttle, javelin throw, long jump, football, kho kho and relay race. At the end of the events, the Principal of the college, along with the HODs gave away prizes to the participants and winners.



7 PLACEMENTS AND PROGRESSION

Twenty One students from various departments of SNGCET got placed in the company. The pool drive concluded on a positive note, with the promise of potential collaborations between MaverixPro Ltd and the budding engineers of SNGCET. Both parties expressed gratitude for the opportunity to connect and collaborate in shaping the future of technology.



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY
Karim, Challokkode P.O., Poyyannur, Kannur, Kerala - 670307 | PROMOTED BY SREE BHAKTHI SAMVARDHINI YOGAM, TALAP KANNUR
Tel: 04985 201987, 88, 89 E-mail: info@sngcet.org | www.sngcet.org

ESTD - 2003



ACADEMIC YEAR 2022-23

SUCCESSFULLY PLACED

 <small>ABHIRAM K</small>	 <small>MURUGAN T V</small>	 <small>DEV VISHNUP</small>	 <small>STEWART E</small>	 <small>SALATHIN M</small>	 <small>SAHILAN E</small>	 <small>SREEDHAR E K</small>	 <small>THEJAS KALISH</small>	 <small>THANISHA MOHID</small>	 <small>SRINIVASARAJU T V</small>	 <small>SHREYAS E</small>
 <small>ADITHYAN SANKAR</small>	 <small>NEETHIKA PRADHEEP</small>	 <small>ADITHYAN SANKAR</small>	 <small>PAULIN PRADHEEP SANKAR</small>	 <small>KANAKSHY KALYAN</small>	 <small>SAHIL ESHWAR</small>	 <small>ADITHYAN SANKAR</small>	 <small>ADITHYAN SANKAR</small>	 <small>ADITHYAN SANKAR</small>	 <small>ADITHYAN SANKAR</small>	 <small>ADITHYAN SANKAR</small>
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 <small>ADITHYAN SANKAR</small>	 <small>ADITHYAN SANKAR</small>									







FOR ADMISSIONS CONTACT:
9188452440, 9447008398



Formed ASAP cell in our college and many students are now pursuing certification courses through ASAP.

MaverixPro Ltd, a leading technology company, conducted a pool drive at SNGCET (Sree Narayana Guru College of Engineering and Technology) on 29th March 2023. The purpose of the drive was to recruit talented and enthusiastic engineering graduates for various roles within the company.

The recruitment event commenced at 9:00 AM in the college auditorium. A team of HR representatives and technical experts from MaverixPro Ltd were present to oversee the proceedings. The event was well-organized and structured, with different rounds designed to assess the candidates' skills and capabilities.

The candidates displayed a high level of enthusiasm and curiosity about the company and its offerings. Their technical knowledge and problem-solving skills were commendable, showcasing their strong academic background. Communication skills varied among candidates, with some showing exceptional articulation during the group discussion and interviews. The Q&A session indicated that candidates were interested not only in the job roles but also in understanding the company's long-term vision.

Enhancing Aptitude Skills: Progressum Workshop at SNGCET

Sree Narayana Guru College of Engineering and Technology was abuzz with intellectual energy as the highly anticipated two-day Aptitude Training Workshop, conducted by Progressum, unfolded on 2nd and 3rd August 2023. Aimed at elevating students' aptitude skills to new heights, the workshop was a collaboration between Progressum, a distinguished training organization, and the college's commitment to holistic student development.

The Ministry of Commerce & Industry successfully conducted the IPR awareness/training program under the special mission called “National Intellectual Property Awareness Mission (NIPAM)” at Sree Narayana Guru College Of Engineering And Technology on 01/11/2022.

The Drives participated by our students in 2022-23 are:

TCS

AMAZON

QUATITEST

EY

ACSIA TECHNOLOGIES

FEDEX

IBM

AMERIGO

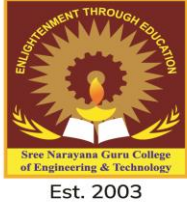
SPERIDIAN

GICE

AMERIGO

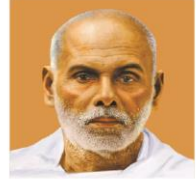
8. CONCLUSION

Looking ahead, SNGCET is poised for even greater achievements. With a relentless focus on program development, we plan to expand our offerings to address the evolving needs of the engineering landscape. The coming years will see us implement a robust pipeline of new initiatives, all designed to further empower our students and propel them towards exceptional careers. We are committed to continuous improvement, fostering a culture of excellence, and ultimately, solidifying our position as a premier engineering institution.



Sree Narayana Guru College of Engineering & Technology

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



ANNUAL REPORT 2021-2022

ANNUAL REPORT 2021-22

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1. INTRODUCTION - OVERVIEW OF THE INSTITUTION

1.1 About the College



Established in 2003, Sree Narayana Guru College of Engineering & Technology is a renowned technical institution located in North Malabar. It operates under the auspices of Sree Bhakthi Samvardhini Yogam, based in Talap, Kannur. This Yogam was founded by the esteemed saint Sree Narayana Guru in 1907. Central to the Yogam's activities is the Sree Sundareswara Temple in Talap, Kannur, consecrated by Sree Narayana Guru in 1916. The Yogam is dedicated to realizing the Guru's vision of enhancing people's lives educationally, socially, culturally, and spiritually.

Sree Bhakthi Samvardhini Yogam is actively pursuing the Guru's ideals by establishing educational institutions, a working women's hostel, and providing financial assistance and scholarships to deserving students. Additionally, the Yogam has established the highly regarded Sree Narayana Vidya Mandir Senior Secondary School, a prominent CBSE school in Kannur District, along with Sree Narayana ITI and a working women's hostel in Kannur. The institution boasts modern infrastructure across a vast 60-acre campus, featuring scenic landscapes,

meticulously planned buildings, well-equipped laboratories, an updated library, hostels, and playgrounds.

1.2 History of SNGCET

The history of Sree Narayana Guru College of Engineering & Technology (SNC) is deeply intertwined with the rich legacy of Sree Bhakthi Samvardhini Yogam, an organization with a profound commitment to education and societal betterment. Established in 1907, Sree Bhakthi Samvardhini Yogam has been at the forefront of educational initiatives in Kerala. However, it was in the early 2000s that a pivotal development occurred in the landscape of technical education in the region.

During this period, Kerala faced a scarcity of self-financed engineering and technology colleges, with limited seats available in government engineering institutions. Recognizing the need to bridge this gap and provide quality technical education to aspiring students, the government granted permission for the establishment of self-financed engineering colleges. It was against this backdrop that Sree Narayana Guru College of Engineering & Technology came into being in 2003.

The college's inception marked a significant milestone in the vision of Sree Bhakthi Samvardhini Yogam, as it embarked on the noble project of creating a modern hub of engineering education in Payyanur, Kannur. Named in honor of the revered Saint Philosopher and Social Reformer of Kerala, Sree Narayana Guru (1855-1928), SNC was not just a testament to academic excellence but also a tribute to the values espoused by Sree Narayana Guru.

Under the umbrella of Sree Bhakthi Samvardhini Yogam, several other educational institutions have flourished, catering to diverse educational needs. These include Sree Narayana I.T.C in Talap, Kannur, Sree Narayana Nursery School in Kannur, and Sree Narayana Vidya Mandir Senior Secondary School in Kannur. Together, these institutions have created a holistic ecosystem of learning, embodying the principles of quality education and social upliftment championed by Sree Narayana Guru and upheld by Sree Bhakthi Samvardhini Yogam.

1.3 Vision and Mission

Vision and Mission statements are the guiding stars that steer an institution towards its goals and aspirations. They encapsulate the essence of its purpose, values, and commitment to excellence. At Sree Narayana Guru College of Engineering & Technology (SNGCET), our Vision is to cultivate a knowledge-driven society fostering human excellence, while our Mission is to provide unparalleled technical education embedded in values and dedicated to socio-economic progress.

Vision: A knowledge society promoting human excellence and enlightenment through technical education.

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

1.4 Governance, Leadership and Management

Sree Narayana Guru College of Engineering & Technology (SNGCET) is a premier institution dedicated to fostering a knowledge society and promoting human excellence through technical education. The governance, leadership, and management at SNGCET are deeply rooted in its vision and mission, ensuring a nurturing environment for academic growth and socio-economic progress.

Vision and Mission Alignment

Vision: A knowledge society promoting human excellence and enlightenment through technical education.

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

The governance, leadership, and management strategies at SNGCET are meticulously designed to uphold its vision and mission. These guiding principles serve as the cornerstone for all institutional decisions, initiatives, and policies, ensuring a focus on academic excellence, societal advancement, and ethical values.

Leadership and Management Practices

Under the adept leadership of committed heads and administrators, SNGCET prioritizes continuous improvement in teaching methodologies, infrastructure development, and industry partnerships. The institution remains abreast of the latest advancements in technology and education, ensuring a dynamic and relevant learning experience for students.

Management practices at SNGCET emphasize research and innovation, encouraging faculty and students to engage in impactful projects that contribute to knowledge dissemination and technological advancements. Collaborations with industry leaders and government agencies further enhance the institution's research capabilities and industry relevance.

Academic Diversity and Community Engagement

SNGCET recognizes the importance of academic diversity and offers a comprehensive range of courses, including value-added, vocational, and technical programs, alongside its core curriculum. These initiatives broaden students' horizons, preparing them for diverse career pathways and industry demands.

Community engagement is integral to SNGCET's ethos. The institution actively participates in outreach programs, continuing education initiatives, and social welfare projects, demonstrating its commitment to societal development and inclusivity.

1.5 Highlights of the Year

The 2021-2022 academic year presented a unique experience. The odd semester saw a hybrid approach to classes, with both online and offline components. This mixed mode served as a bridge, allowing for continued learning while the college cautiously resumed normalcy. While some programs were understandably limited during this time, the even semester brought a refreshing shift. Interactive programs like workshops and talks flourished, fostering a more engaging learning environment.

1.5.1 Annual Sports Day (04/05/22)

The annual sports day was held on 04/05/22. The sports day was organised by the Physical education department of the college. The event took place in the spacious playground of the college. Sports Day is an event that's organised by the institution where the students and staff of the institution participate in various athletic events and compete against each other. The students competed against one another in various sports events like 200 metres race, shuttle, javelin throw, long jump, football, kho kho and relay race. At the end of the events, the Principal of the college, along with the HODs gave away prizes to the participants and winners.



1.5.2 Satvi '22 (21/05/22 And 22/05/22)

The college day Satvi 22 was held on May 21st and 22nd. The program was inaugurated by K.V. Lalitha, Payyannur Municipality Chairperson. Ajith Pulleri, film director, was the guest of Honour. Our students participated in various cultural activities and this was a platform where they could showcase their talents in various extracurricular activities.



1.5.3 Bridging The Digital Divide (11/05/2022)

APJ Abdul Kalam Technological University has resolved to join hands with the Government of Kerala to address the digital divide in the technical education. Under this scheme, the university is distributing learning materials, including laptops, to deserving students. As a part of this scheme two students from our college were eligible to receive laptops. We conducted a programme based on bridging the digital divide scheme in our college on 11th May 2022 in the Seminar Hall. Shri Ashok Hegde welcomed the gathering. The programme was presided by Dr. Leena A.V., Principal SNGCET. Honourable MLA, Payyannur Legislative Assembly, Shri T.I. Madhusoodanan Inaugurated the function. Distinguished MLA handed over the laptops to Mr. Sreehari K.K. of S6 Civil Engineering Department and Ms. Anusha Jyothi of S6 of Electrical and Electronics Engineering. He also distributed memento to the students of 2018-2022 batch who are successfully placed in various leading companies. The function was honoured with the felicitation by Shri. Suresh Babu, Ward member, Kankol Alappadamba Grama Panchayat and Prof. K. Raveendran, Vice Principal SNGCET. Mr. Safvan I.M., College Union Chairman delivered the vote of thanks.

1.5.4 PTA General Body Meeting (28/05/2022)

The Annual General Body meeting of PTA was held on 28th May'2022. The meeting was presided by the college Principal Dr. Leena A.V, who is also the President of the PTA. Sri. Ashok Hegde L, AO delivered the welcome address. After the Presidential address by the Principal there was a special session for the parents by Lt. Col C Preveen , Former AO of SNGCET. PTA vice President also addressed the parents. The Annual Report of the PTA was presented by PTA Secretary Ms. Leena Narayanan. To honour the outgoing PTA Executive Committee member Smt. Bushra Jamshid, Memento was given by the Chief guest Lt. Col C Preveen . Smt. Bushra also addressed the parents. There was an interaction session for the parents. The Principal responded to the queries raised by the parents. The class toppers of all classes were given Mementos as a token of appreciation by the College PTA. Election was conducted and six new members were inducted to the PTA Executive Committee. The function concluded after delivery of vote of thanks by Prof. Raveendran K, HOD ECE & EEE. Thereafter class wise PTA (S2, S4, S6, S8) were conducted and progress reports were distributed to the parents.

1.5.5 Nature Club (04/06/2022)

A Nature Club was constituted in the college on the event of World Environment Day. Nature Club activities was inaugurated by the Principal Dr. Leena A V. The main objective of forming the club is to maintain a green and clean campus. The Mission of the club will be to conscientize and promote an environmental – friendly Campus. Environment Week Celebrated by the Nature Club with various activities – cleaning campus, planting of trees, invited talk by Mr. Padoli Ravi, Environmental Activist and plantation programs by the students.



1.5.6 Two Days Workshop On Personal Excellence By Craft Success

- B.TECH BATCH 2021-2025 on 20/06/2022 & 21/06/2022
- B.TECH BATCH 2020-2024 on 27/06/2022& 28/06/2022

The training was aimed at motivating the students to excel in academics and all activities. The training focussed on helping students to set realistic performance goals and achieve them by encouraging them to set their own reasonable goals. The students responded very well and were inspired and motivated after the training session.

1.5.7 INTERNATIONAL WOMEN IN ENGINEERING DAY (23/06/22)

The International Women in Engineering Day was celebrated on 23/06/22. All the Women faculty and students gathered at the Seminar Hall. The students were motivated by the Principal Dr.Leena AV and Dr.Susan Abraham, Dean UG and PG Studies, they cited several examples of outstanding women engineers and encouraged the students to aspire to excel in future. A large cake was cut and distributed to the budding women engineers.

1.5.8 Deekshanth (Convocation 02/07/2022)

The Convocation Ceremony of Sree Narayana Guru College of Engineering and Technology, Payyanur, 2022 was conducted for the students of 2020 and 2021 batches on 2nd July, 2022. The ceremony commenced with the Welcome Address by Dr. Leena AV, Principal. The occasion was graced with the Board of Directors Sree Bhakthi Samvardhini Yogam, Talap, Kannur. The Vice President of Sree Bhakthi Samvardhini Yogam, Talap, Kannur Shri Rajendran TK delivered the Presidential address. “Deekshant 22” was formally inaugurated by the Chief Guest Dr. Sudha UPV, Senior Scientist, DRDO Bangalore who lighted the lamp and delivered the inaugural address. The Engineers Pledge was taken by the students. The Management of Sree Bhakthi Samvardhini Yogam honoured the former administrators of SNGCET Dr. V K Janardhanan, Lt.col C Preveen and Dr. Manjula Bhanu Vikraman who had toiled for the upliftment of the institution during their tenure. The toppers were honoured with memento by Shri CC Mohanan, Director, SBSY and the certificates were awarded to the graduates by the Chief Guest Dr. Sudha UPV. “Deekshant 22” was a celebration of success for the Management, Staff, Students and Parents. The ceremony concluded with the vote of thanks proposed by Dr. Susan Abraham Dean UG & PG studies, SNGCET.



1.6 Academic Departments

Civil Engineering: This department focuses on the design, construction, and maintenance of physical infrastructure. Civil engineers are the masterminds behind buildings, bridges, roads, transportation systems, and more. They ensure the safety and sustainability of our built environment.

Mechanical Engineering: Mechanical engineers design, develop, and analyze all things mechanical, from robots and engines to power plants and heating systems. Their work keeps the world moving.

Computer Science and Engineering: This department is at the forefront of the technological revolution. Students delve into the science of computation, software design, algorithms, and artificial intelligence. They are the architects of the digital age.

Electronics and Communication Engineering: This department deals with the intricate world of electronics and communication technologies. Students explore electronic circuits, devices, communication systems, and signal processing. They are the builders of the information age.

Electrical and Electronics Engineering: This department bridges the gap between electrical power and electronics. Students study power generation, transmission, distribution, and control systems, alongside electronic devices and circuits. They ensure the smooth flow of electricity and its efficient use in electronic applications.

Humanities and Science Department: This department provides a strong foundation in subjects like mathematics, physics, chemistry, economics, communication, and social sciences. These subjects nurture critical thinking, analytical skills, and a well-rounded perspective, valuable assets in any engineering field.

1.7 Faculty Details

Sl no.	Name of the faculty	Faculty joined year	<u>e-mail id</u>	Current designation	depart ment
1	DR. LEENA A V	2007	leenaav@sngcet.org	DEAN PG AND UG STUDIES	CE
2	DR. SUSAN ABRAHAM	2012	susanabraham@sngcet.org	HOD CE	CE
3	MRS. MARY SONIA GEORGE	2012	marysoniageorge@sngcet.org	ASSISTANT PROFESSOR	CE
4	MRS. SARITHA SASINDRAN	2015	sarithasasindran@sngcet.org	ASSISTANT PROFESSOR	CE
5	MR. PREAMANANDH C	2022	premanandhc@sngcet.org	ASSISTANT PROFESSOR	CE

6	MS. SANGEETHA M.	2022	sangeetham@sngcet.org	ASSISTANT PROFESSOR	CE
7	MRS. SHILPA VALSAKUMAR	2013	shilpavalsakumar@sngcet.org	ASSISTANT PROFESSOR	CE
8	MS. SWATHI P	2021	swathip@sngcet.org	ASSISTANT PROFESSOR	CE
9	MS.SHAMYA SUKUMARAN M	2021	shamyasukumaranm@sngcet.org	ASSISTANT PROFESSOR	CE
10	MR SUJITH D	2015	sujithd@sngcet.org	HOD, ASSISTANT PROFESSOR	CSE
11	MR. SUNDER V	2020	sunderv@sngcet.org	ASSISTANT PROFESSOR (HOD)	CSE
12	MS SREERAJI NARAYANAN	2020	sreerajinarayanan@sngcet.org	ASSISTANT PROFESSOR	CSE
13	MS.SWETHA PAI	2020	swethapai@sngcet.org	ASSISTANT PROFESSOR	CSE
14	MS. JITHIKA M	2018	jithikam@sngcet.org	ASSISTANT PROFESSOR	CSE
15	MS. JINSHA C J	2021	jinshacj@sngcet.org	ASSISTANT PROFESSOR	CSE
16	MS. ANU MOHAN M	2021	anumohanm@sngcet.org	ASSISTANT PROFESSOR	CSE
17	MS. SHARIJA P	2021	sharijap@sngcet.org	ASSISTANT PROFESSOR	CSE
18	MS. VARSHA M	2021	varsham@sngcet.org	ASSISTANT PROFESSOR	CSE
19	MS. NEHA M V	2021	nehamv@sngcet.org	ASSISTANT PROFESSOR	CSE

20	MS. VIJINA VIJAYAN	2021	vijinavijayan@sngcet.org	ASSISTANT PROFESSOR	CSE
21	MS. NIMISHA M K	2021	nimishamk@sngcet.org	ASSISTANT PROFESSOR	CSE
22	MS. ATHULYA VIJAYAN	2020	athulyavijayan@sngcet.org	ASSISTANT PROFESSOR	CSE
23	MS. SARITHA NARAYANAN	2021	sarithanarayanan@sngcet.org	ASSISTANT PROFESSOR	CSE
24	MS.SUBITHA M B	2022	subithamb@sngcet.org	ASSISTANT PROFESSOR	ECE
25	MS.LEENA NARAYANAN	2008	leenanarayanan@sngcet.org	ASSISTANT PROFESSOR	ECE
26	MS. MEERA M	2021	meeram@sngcet.org	ASSISTANT PROFESSOR	ECE
27	MS.SRINDHUNA M	2019	srindhunam@sngcet.org	ASSISTANT PROFESSOR	ECE
28	MS. BUSHRA ABDULLANT	2020	bushraabdullat@sngcet.org	ASSISTANT PROFESSOR	ECE
29	MS. K P PREVEENA	2020	kppreveena@sngcet.org	ASSISTANT PROFESSOR	ECE
30	MS. THRISHNA S	2022	thrishnas@sngcet.org	ASSISTANT PROFESSOR	ECE
31	PROF. RAVEENDRAN K	2022	raveendrank@sngcet.org	PROFESSOR AND HEAD	ECE
32	MR.ABHILASH KRISHNAN T K	2010	abhilashkrishnan@sngcet.org	ASSISTANT PROFESSOR	EEE
33	MS. PRABHA CHANDRAN	2019	prabhachandran@sngcet.org	ASSISTANT PROFESSOR	EEE
34	MR. MANU C	2020	manuc@sngcet.org	ASSISTANT PROFESSOR	EEE

35	MR. VAISHAKH M NAYANAR	2020	vaishakhmnayanar@sngcet.org	ASSISTANT PROFESSOR	EEE
36	MS. ARCHANA C P	2020	archanacp@sngcet.org	ASSISTANT PROFESSOR	EEE
37	MR. RAJEESH P	2021	rajeeshp@sngcet.org	ASSISTANT PROFESSOR	ME
38	MR.SARANG P	2021	sarangp@sngcet.org	ASSISTANT PROFESSOR	ME
39	MR.ARUN RAJ K	2021	arunraj@sngcet.org	ASSISTANT PROFESSOR	ME
40	MR. ARJUN JAYAPRAKASH	2022	arjunjayaprakash@sngcet.org	ASSISTANT PROFESSOR	ME
41	MR. JACOB THOMAS	2022	jacobthomas@sngcet.org	ASSISTANT PROFESSOR	ME
42	MR. DIVYATHEJ M V	2022	divyathejmv@sngcet.org	ASSISTANT PROFESSOR	ME
43	MR. MANURAJ T V	2018	manurajtv@sngcet.org	ASSISTANT PROFESSOR	ME
44	MR. PRAVEEN KUMAR	2020	praveenkumar@sngcet.org	ASSISTANT PROFESSOR	ME
45	MR. RAMPRASIDH A	2020	ramprasidha@sngcet.org	ASSISTANT PROFESSOR	ME
46	DR. K.GANGADHARAN NAIR	2021	kgangadharannair@sngcet.org	PROFESSOR HOD	- ME
47	MR. JISHNU NAMBOODIRI VN	2022	jishnunamboodirivn@sngcet.org	ASSISTANT PROFESSOR	ME
48	MR. RAHUL A M	2022	rahulam@sngcet.org	ASSISTANT PROFESSOR	ME
49	MR. ATHUL RAJ P P	2022	athulrajpp@sngcet.org	ASSISTANT PROFESSOR	ME

50	MR. LIPIN K	2021	lipink@sngcet.org	ASSISTANT PROFESSOR	ME
51	DR. K SOMASEKHARAN K	2021	kksomasekharan@sngcet.org	ASSISTANT PROFESSOR	S & H
52	MS. BINDIYA M	2015	bindiyam@sngcet.org	ASSISTANT PROFESSOR	S & H
53	MR NIKHIL M	2015	nikhilm@sngcet.org	ASSOCIATE PROFESSOR	S & H
54	MR. RAJEEV P	2021	rajeevp@sngcet.org	ASSISTANT PROFESSOR	S & H
55	MS. NAVYA BALAKRISHNAN	2021	navyabalakrishnan@sngcet.org	ASSISTANT PROFESSOR	S & H
56	MR. ABHIROSH K	2022	abhiroshk@sngcet.org	ASSISTANT PROFESSOR	S & H
57	MS. SREELAKSHMI PRASAD	2021	sreelakshmiprasad@sngcet.org	ASSISTANT PROFESSOR	S & H
58	MS. NIMMITHA MURALI	2022	nimmithamurali@sngcet.org	ASSISTANT PROFESSOR	S & H
59	MS. ASWATHI SREEJITH	2022	aswathisreejith@sngcet.org	ASSISTANT PROFESSOR / PLACEMENT OFFICER	S & H
60	MS. ASWATHI K	2022	aswathik@sngcet.org	ASSISTANT PROFESSOR	S & H
61	MS. ANEESHA A	2021	aneeshaa@sngcet.org	ASSISTANT PROFESSOR	S & H
62	MR UNNIKRISHNAN O	2010	unnikrishnano@sngcet.org	ASSISTANT PROFESSOR, PHYSICAL EDUCATION TRAINER	S & H

63	MR. SUMITH P	2019	sumithp@sngcet.org	PLACEMENT OFFICER/ ASSISTANT PROFESSOR	S & H
64	DR. K K SOMASEKHARAN	2021	kksomasekharan@sngcet.org	ASSISTANT PROFESSOR	S & H
65	MS. ASHWATHI PUTHIYA PURAYIL	2021	ashwathiputhiyapurayil@sngcet.org	ASSISTANT PROFESSOR	S & H
66	MS. SHAMNA B P	2022	shamnabp@sngcet.org	ASSISTANT PROFESSOR	S & H
67	MS. DHANUSHA V V	2022	dhanushavv@sngcet.org	ASSISTANT PROFESSOR	S & H
68	MS. ANUSREE TK	2022	anusreetk@sngcet.org	ASSISTANT PROFESSOR	S & H

1.8 FDPs/courses/classes attended by teachers

S. No.	Name of the participant	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
1	Bushra Abdulla N T	Signal processing and machine learning techniques-emerging trends	06.09.2021 - 10.09.2021
2	Subitha M B	Green energy technologies for sustainable development	23.05.2022 - 27.05.2022
3	Subitha M B	AICTE-ISTE sponsored six day online FDP on "Machine learning and optimization" phase II	22.03.2021 - 27.03.2021
4	Subitha M B	Python for engineers	26.04.2021 - 30.04.2021
5	Bushra Abdulla N T	Recent advancements in wireless communication technologies	13.07.2021 - 17.07.2021
6	PRABHA CHANDRAN	CONFLUENCE ROBOTICS AND INDUSTRIAL AUTOMATION - A HEURISTIC APPROACH	6-29-2021 to 6-29-2021
7	ABHILASH KRISHNAN T K	CONFLUENCE ROBOTICS AND INDUSTRIAL AUTOMATION - A HEURISTIC APPROACH	6-29-2021 to 6-29-2021
8	ARCHANA C P	CONFLUENCE ROBOTICS AND INDUSTRIAL AUTOMATION - A HEURISTIC APPROACH	6-29-2021 to 6-29-2021

9	VAISHAKH M NAYANAR	CONFLUENCE ROBOTICS AND INDUSTRIAL AUTOMATION - A HEURISTIC APPROACH	6-29-2021 to 6-29-2021
10	VAISHAKH M NAYANAR	TEQUIP II SPONSORED FIVE DAY ONLINE FDP ON ELECTRIC VEHICLES	29-03-2021 to 02-04-2021
11	VAISHAKH M NAYANAR	ONLINE WEBINAR ON INTRODUCTION TO MODEL PREDICTIVE CONTROL AND ITS APPLICATIONS	5-22-2021 to 5-22-2021
12	VAISHAKH M NAYANAR	ONLINE FDP ON MODERN CONTROL TECHNIQUES IN ELECTRICAL SYSTEMS	28-12-2020 to 30-12-2020
13	VAISHAKH M NAYANAR	VEHICLE ELECTRIFICATION OPPORTUNITIES AND CHALLENGES	8-8-2020 to 8-8-2020
14	VAISHAKH M NAYANAR	GLOBAL TRENDS IN EV POWER TRAIN	5-7-2020 to 5-7-2020
15	VAISHAKH M NAYANAR	UNDERSTANDING OF 3 D PRINTING	5-8-2020 to 5-8-2020
16	Dr. SUSAN ABRAHAM	FDP on remote sensing and GIS in civil engineering	10-05-2021 to 15-05-2021
17	Ms. MARY SONIA GEORGE B	Webinar on outcome based education and accreditation	3/9/2021
18	Ms. SHILPA VALSAKUMAR	FDP on excellence unlimited	11-01-2019 to 12-01-2019
19	Ms. SARITHA SASINDRAN	Workshop on teach big - Tech tools for teaching	03-08-2020 to 07-08-2020
20	Ms. SARITHA SASINDRAN	Webinar on concrete strength past 100 years	12/4/2021
21	Ms. SARITHA SASINDRAN	Webinar on building geometries and structural systems for earthquake resistant buildings	5/15/2021
22	Ms. SARITHA SASINDRAN	Webinar on use of micromaterials on concrete	7/3/2020
23	Ms. SARITHA SASINDRAN	Webinar of story of the bridge that could not be build	8/7/2021
24	Mr. SHIBIN B	Concrete mix design workshop	4/28/2023
25	SUNDER V	Soft Computing Techniques and Hands on with MATLAB	09.05.2022 - 13.05.2022
26	SUNDER V	AICTE-ISTE Approved Orientation/Refresher Programme	17.12.2021 - 23.12.2021
27	SUNDER V	Two-week International Winter School on Cyber Security and Threat Intelligence	17.01.2022 - 28.01.2022
28	SUNDER V	Webinar on "Internet of Thinga and AI"	22.05.2021
29	SUNDER V	AICTE- ISTE funded Induction/Refresher program 3rd phase on "Fututre Wireless Communication: Standards & Technologies"	24.05.2021 - 29.05.20221
30	SUNDER V	Training course on ISO 21001:2018 Awareness	13.09.2022 - 14.09.2022

31	VIJINA VIJAYAN	FDP on Artificial Intelligence and Data Science	17.03.2022 - 19.03.2022
32	VARSHA M	Artificial Intelligence and Data Science	17.03.2022 - 19.03.2022
33	VARSHA M	FDP on Recent Trends and Application of NLP	14.02.2022 - 18.02.2022
34	VARSHA M	Python for engineers	26.04.2021 - 30.04.2021
35	NIMISHA MK	Soft Computing Techniques and Hands on with MATLAB	09.05.2022 - 13.05.2022
36	THULASIBAI A	Soft Computing Techniques and Hands on with MATLAB	09.05.2022 - 13.05.2022
37	THULASIBAI A	Two Weeks International Workshop ON Research Methodology, Academic Writing & Publishing	15.02.2022 - 26.02.2022
38	THULASIBAI A	CSI Sponsored FDP programme on Machine Learning with its mathematical foundation	02.03.2021 - 06.03.2021
39	NEHA M V	FDP on Recent Trends and Application of NLP	14.02.2022 - 18.02.2022
40	NEHA M V	Artificial Intelligence and Data Science	17.03.2022 - 19.03.2022
41	THULASIBAI A	CSI Sponsored FDP programme on Machine Learning with its mathematical foundation	02.03.2021 - 06.03.2021
42	NEHA M V	FDP on Recent Trends and Application of NLP	14.02.2022 - 18.02.2022
43	NEHA M V	Artificial Intelligence and Data Science	17.03.2022 - 19.03.2022
44	SHARIJA P	AICTE- ISTE funded Induction/Refresher program 3rd phase on "Future Wireless Communication: Standards & Technologies"	24.05.2021 - 29.05.2021
45	SHARIJA P	FDP on skill set requirement and research opportunities in industrial revolution 4.0	26.04.2021 - 30.04.2021
46	SHARIJA P	Webinar on "Blockchain and Cryptocurrencies"	29.03.2021
47	SHARIJA P	FDP on Recent Trends and Application of NLP	14.02.2022 - 18.02.2022
48	SHARIJA P	Workshop on "Typesetting Using LaTeX	30.04.2021 - 01.05.2021
49	SHARIJA P	Webinar on "Test Automation using Selenium with Python"	29.05.2021
50	SHARIJA P	Webinar on "Be Cyber Safe"	09.05.2021
51	SHARIJA P	Webinar on "Startup challenges and Opportunities"	05.06.2021
52	SHARIJA P	Artificial Intelligence and Data Science	17.03.2022 - 19.03.2022
53	ANU MOHAN	FDP on Data Analytics - A hands on experience	19.03.2021

54	ANU MOHAN	FDP on "Systemizing Research Problem Finding to Patenting"	29.03.2021 - 31.03.2023
55	ANU MOHAN	National Conference on "Advances in Computing Communication signals energy and technology"	26.05.2021 - 27.05.2021
56	ANU MOHAN	FDP on " Mathematical Foundation for Machine Learning	22.03.2021 - 26.03.2021
57	ANU MOHAN	AICTE- ISTE funded Induction/Refresher program 3rd phase on "Fututre Wireless Communication: Standards & Technologies"	24.05.2021 - 29.05.20221
58	JINSHA CJ	FDP on "Machine Learining with its Mathematical Foundations"	02.03.2021 - 06.03.2021
59	JINSHA CJ	FDP on "Professional Ehics in current panademic scenario"	22.02.2021 - 27.02.2021
60	SWETHA PAI	FDP on "Data Analytics using R"	23.06.2021 - 25.06.2021
61	SWETHA PAI	Webinar on "Ttest Automation using Selenium with Python"	29.05.2021
62	SWETHA PAI	FDP on "Machine Learining with its Mathematical Foundations"	02.03.2021 - 06.03.2021

1.9 Committees Functioning in the College

1.9.1 Internal Quality Assurance Cell

The Internal Quality Assurance Cell (IQAC) is established in the college to monitor the academic performance and to work towards excellence. The aim of the IQAC is to assure and maintain the academic activities of the college. It achieves quality through incessant improvement with coordination of all stake holders. The IQAC also reviews the academic performance and presents the details to the University Audit team.

Primary Aim

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Functions

- IQAC takes a lead role in undertaking academic audit in every semester and gives feedback with the purpose of devising quality enrichment programmes.
 - It facilitates the creation of an environment conducive for quality education.
 - It documents the various programmes/activities leading to quality improvement.

1.9.2 Grievance and Redressal Cell

The Grievance Cell aims to develop a responsive and accountable attitude among all the stakeholders in order to maintain harmony within the institute. The Grievance Cell has been constituted for the redressal of the problems identified by the staff and students of the college with the following objectives:

- Maintain the honour of the College by ensuring a peaceful atmosphere in the College by promoting cordial Student-Students and Student-Staff relationship.
- Encourage the Students to express their grievances / issues openly without any fear of victimization.
- Suggestion / Complaint Box is placed in the reception foyer where Students / Staff, may drop their grievances or suggestions for improving the Academics / Administration in the College.
 - The grievance may also be mailed to the grievances@sngcet.ac.in

1.9.3 Women's Cell

The Women's Cell at SNGCET aims at empowering the Women of SNGCET by providing them opportunities to attain their true potential. The Women's Cell is committed to create awareness among the Women about gender sensitive issues and their legal rights. The Women's Cell takes necessary action on the grievances put forth by the Women. We are committed to provide a fully confidential and supportive environment to all the female members of our campus community. The Girls/women shall also post their grievances at womengrievances@sngcet.ac.in or contact the 24x7 helpline –8943616582

The objectives of the Cell are :

- To ensure the facilities and needs of the women faculty, staff and students are met

- To address problems arising out of any gender-related discrimination
- To train women in different domains and to help them attain their own stand in a competing world

Members

Dr.Susan Abraham	- HOD CE,Convenor
Mrs.Saritha Sansindran	- AP CE,Joint Convenor
Mrs. Bushra Abdulla	-AP ECE
Mrs.Sharija P	- AP CSE
Mrs. Soujisha P	-CE Lab Instructor

1.9.4 Academic Council

This Committee of SNGCET serves as the cornerstone of an institution's academic excellence. This critical committee is entrusted with the responsibility of overseeing and guiding all academic activities.

Composition:

- Head of Departments (HoDs): Each academic department's head brings their expertise and insights to the table.
- Principal: The institution's leader provides direction and ensures alignment with the overall vision.
- Administrative Officer: They offer crucial support with academic logistics and implementation.
- Placement Officer: This member bridges the gap between academics and career prospects, ensuring program relevance.

Functioning:

- Monitoring Academic Activities: The council keeps a watchful eye on curriculum delivery, teaching methodologies, student progress, and examination processes.
- Decision-Making: They deliberate on proposals for introducing new courses, revising existing curriculums, and implementing innovative teaching methods.

- **Standardization and Quality Assurance:** The council ensures academic quality by establishing and upholding rigorous standards across all programs.
- **Promoting Research and Development:** They may encourage and facilitate faculty research activities that contribute to the advancement of knowledge.

1.9.5 Parents Teachers Association (PTA) of SNGCET

The College Parents-Teachers Association (PTA) acts as a vital link between parents, teachers, and the college administration. It fosters a collaborative environment that supports student success.

During the odd semester, PTA meetings of various classes were conducting in the online mode.

The Annual General Body meeting of PTA was held on 28th May 2022. The meeting was presided by the college Principal Dr. Leena A.V, who is also the President of the PTA. Sri. Ashok Hegde L, Administrative Officer, delivered the welcome address. After the Presidential address by the Principal there was a special session for the parents by Lt. Col C Preveen , Former AO of SNGCET. PTA vice President also addressed the parents. The Annual Report of the PTA was presented by PTA Secretary Ms. Leena Narayanan. To honour the outgoing PTA Executive Committee member Smt. Bushra Jamshid, Memento was given by the Chief guest Lt. Col C Preveen . Smt. Bushra also addressed the parents. There was an interaction session for the parents. The Principal responded to the queries raised by the parents. The class toppers of all classes were given Mementos as a token of appreciation by the College PTA. Election was conducted and six new members were inducted to the PTA Executive Committee. The function concluded after delivery of vote of thanks by Prof. Raveendran K, HOD ECE & EEE. Thereafter class wise PTA (S2, S4, S6, S8) were conducted and progress reports were distributed to the parents.



2. CURRICULAR DESIGN AND DEVELOPMENT

2.1 Programmes Offered

2.1.1 UG Programmes

B.Tech in Civil Engineering: This program equips you with the knowledge and skills to design, construct, and maintain civil infrastructure projects. You'll delve into structural analysis, geotechnical engineering, water resources management, and transportation engineering, laying the foundation for a rewarding career in building a sustainable future.

B.Tech in Mechanical Engineering: This program ignites your passion for all things mechanical. You'll explore thermodynamics, mechanics of materials, machine design, and manufacturing processes. Graduates become the innovators behind everything from automobiles and robotics to power plants and aerospace technology.

B.Tech in Electronics and Communication Engineering (ECE): This program immerses you in the exciting world of electronics and communication. You'll master electronic circuits, communication systems, signal processing, and embedded systems. Graduates are the architects of our information age, designing and developing communication technologies that connect the world.

B.Tech in Electrical and Electronics Engineering (EEE): This program bridges the gap between electrical power and electronics. You'll delve into power generation, transmission, and

control systems, alongside electronic devices and circuits. Graduates are the backbone of the power sector, ensuring efficient generation, transmission, and utilization of electrical energy.

B.Tech in Computer Science and Engineering (CSE): This program propels you to the forefront of the technological revolution. You'll explore the science of computation, software design, algorithms, and artificial intelligence. Graduates become the architects of the digital age, designing and developing the software and systems that shape our world.

2.1.2 PG Programmes

M.Tech in Computer Aided Structural Engineering (CASE): This specialized program builds upon your civil engineering background. You'll master cutting-edge software tools for structural analysis and design, allowing you to optimize complex structures efficiently. Graduates become experts in structural engineering, contributing to the creation of innovative and sustainable infrastructure.

3. ADMISSION

3.1 Total admission in 2021-22 academic year

SI No.	Name of Course (UG and PG)	University approved intake	Actual Intake
1	B.TECH CIVIL ENGINEERING	60	14
2	B.TECH COMPUTER SCIENCE AND ENGINEERING	60	39
3	B.TECH ELECTRONICS AND COMMUNICATION ENGINEERING	30	5
4	B.TECH ELECTRICAL AND ELECTRONICS ENGINEERING	30	6

5	B.TECH MECHANICAL ENGINEERING	60	11
6	M.TECH COMPUTER AIDED STRUCTURAL ENGINEERING	24	7

3.2 Admission activities conducted for 2022-23 academic year admission

The admission cell was constituted on 24/05/2022. The Chairman and other committee members played a vital role in campaigning for the admissions 2022. They visited several schools in and around Payyanur, Kanhangad, Taliparamba and Pazhayangadi and distributed the brochures. In total, around 60 schools were visited in person by the Admission cell members. The college advertisement was displayed at various Akshaya centres. Pamphlets and brochures were distributed at various KEAM and JEE centres. Advertisements for admission were also displayed in the print and visual media as per the directions from the Management. The Management declared a special scholarship scheme for the students from economically weaker sections who excelled in academics in their higher secondary exams. As soon as a good number of students enrolled in the Management and NRI quota, the bridge course were started in the college. A workshop on ROBOTICS was also conducted for these students. The admission cell members have worked hard throughout the admission process for admitting students for various courses in the college. The Management committee encouraged and appreciated the efforts taken by the admission cell in boosting the admissions for this academic year in our college



4. TEACHING LEARNING TECHNIQUES USED

Learning goes far beyond textbooks. Effective educators utilize a diverse toolbox of teaching methods to cater to different learning styles and keep students engaged. The following are some of the approaches used in our college to implement outcome based education system:

Lectures - This time-tested method, with the teacher at the helm, delivers information through lectures and explanations. It provides a solid foundation in core concepts and allows for clear communication.

Smart Classrooms: Embracing Technology - Integrating technology like interactive whiteboards and educational software injects a dynamic element. Visual aids and simulations enhance understanding, making complex topics more accessible.

Group Activities: Group discussions, debates, and problem-solving exercises encourage teamwork, communication, and critical thinking. Students learn from each other's perspectives and develop valuable social skills.

Project-Based Learning: Projects allow students to delve deeper into a topic. Research, planning, execution, and presentation foster a sense of ownership over learning. Students develop essential skills like research, time management, and presentation.

Seminar Presentations: Presenting findings or arguments to a class hones research, communication, and critical thinking skills. Students learn to organize information, articulate ideas, and handle questions with confidence.

External Interactions: Workshops led by experts or guest speakers bring fresh perspectives and practical insights. Field trips and industry visits provide real-world context and spark curiosity. These interactions broaden knowledge and open doors to future possibilities.

5. EVALUATION SYSTEM AND RESULTS

5.1 Stages of Valuation Process

Internal Evaluation:

College-Driven Assessments: This system is managed by the college itself.

Components:

Internal Assessment Tests: These exams, conducted by the college's internal exam cell, measure student understanding of course material at regular intervals.

Assignments and Tutorials: Faculty evaluate these to assess critical thinking, problem-solving skills, and application of knowledge.

All internal assessments are designed to be outcome-based. This means they evaluate a student's ability to achieve specific learning objectives outlined in the course curriculum.

External Evaluation:

University-Conducted Exams: These exams, typically semester or year-end, are set and evaluated by the university to ensure a standardized level of assessment across colleges affiliated with it.

5.2 Result Analysis

Percentage of students completed the course in the year 2022 from various streams of UG and PG is as follows.

SI No.	Name of Course (UG and PG)	Pass Percentage
1	B.TECH CIVIL ENGINEERING	58.33
2	B.TECH COMPUTER SCIENCE AND ENGINEERING	55.55
3	B.TECH ELECTRONICS AND COMMUNICATION ENGINEERING	66.67
4	B.TECH ELECTRICAL AND ELECTRONICS ENGINEERING	0
5	B.TECH MECHANICAL ENGINEERING	45.83
6	M.TECH COMPUTER AIDED STRUCTURAL ENGINEERING	90.1

6. EXTRACURRICULAR ACTIVITIES and ACHIEVEMENTS

6.1 nature club

A passionate group of students and dedicated staff members joined forces to launch the college's very own Nature Club. Fueled by a shared love for the environment and a desire to make a difference, this new club promises to cultivate a culture of sustainability and environmental awareness on campus.

Environment Week WAS Celebrated by the Nature Club with various activities – cleaning campus, planting of trees, invited talk by Mr. Padoli Ravi, Environmental Activist and plantation programs by the students.

6.2 sports – college level and university level

The annual Sports Day was held on 04/05/22. The Sports Day was organised by the Physical education department of the college. The event took place in the spacious playground of the college. The students competed against one another in various sports events like 200 metres race, shuttle, javelin throw, long jump, football, kho kho and relay race. At the end of the events, the Principal of the college, along with the HODs gave away prizes to the participants and winners. The following are the achievements of students of SNGCET in various sports events conducted in the university level:

- ◆ Mohammed Shazin Shan from Civil Engineering Department got selected as KTU University Badminton player representing South India in inter university tournament.
- ◆ Abhiyuktha P V, from Civil Engineering Department, got selected in Table Tennis state team.
- ◆ Rajath Manoharan, from Civil Engineering Department, got selected in State Foot Ball team
- ◆ SNGCET Handball Women's team won the F-Zone Championship
- ◆ SNGCET Men's Kabbadi team won the 4th place in F-Zone championship and Vidyasagar P (S7 ME) and Adwaidh Balan (S7 ME) were selected to the state Kabbadi team.
- ◆ SNGCET Badminton Women's team won 4th place in F-Zone championship

7. STUDENT PROGRESSION AND SUPPORT

7.1 Student Induction Programme 2021-22

VIHAAN2021

The student induction programme was conducted for the first year newly admitted students at Sree Narayana Guru college of Engineering & Technology under APJ Abdul Kalam Technological University. The programme was held from 15th November 2021 to 17th November 2021 following the AICTE norms, for all the branches. The program structure includes sessions dealing with physical activities, human values and ethics, anti drug campaigns, soft skills, interactions with eminent of academic and industrial world, extra curricular and co-curricular activities etc.

ABOUT THE INDUCTION PROGRAMME

Transition from a school to university life is one of the most challenging event in a student's life. Induction programme aims a smooth transition of student life from pre - university level to a professional college, preparing them to adapt with their new roles and ambience.

OBJECTIVE

Induction program set out a strong foundation for the students for their four year long Engineering journey. The motive of the programme is to inculcate the students with the culture of the institution, departmental facilities, library and laboratory facilities, placements and careers opportunities, teacher student relationship and to create strong bond among themselves to work as a team and explore the world of Engineering together.

The inaugural session was held on 15th November 2021 in seminar hall. Dr. Leena A V, Dean UG & PG studies welcomed the gathering, Principal Dr. Suresh Pareth delivered the Principal's Address, briefed about the college and highlighted the achievements won by the students. Program was officially inaugurated by lighting the lamp. Principal delivered the "ENGINEERS' OATH" to the newly admitted students. HOD of various departments familiarized the students with Mission and Vision of the various departments. They enlightened the students with their valuable thoughts and described about the trends and opportunities in Engineering and asked the students to maintain a good conduct through out their college life and wished them to excel in their life. Mr. Unnikrishnan O, HOD PED, mentioned about achievements of students in various sports activities and outlined about the importance of physical activities in a person's life. HoD of humanities and science Nikhil M delivered the vote of thanks. Sessions were conducted by Lt. Col. C. Praveen and Mr. Nikhil M in the afternoon. The following 2 days (16 & 17 Nov 2021) students were given classes by Ms. Bindya M C (Physics), Ms. Navya Balakrishnan (Chemistry), Mr. Chandrajith (Mechanical Engg) and Prof Unnikrishnan Physical Education)

7.2 Placements and Progression

The Training and Placement Cell of SNGCET have conducted several events in the college.

A MEET WITH HR (10/05/2022)

Training and Placement Cell is to guide students to choose right career and to give knowledge, skill, and aptitude and to meet the manpower requirements of the industry. Our college Training and Placement cell conducted a Seminar focusing on our students' skill development and to

prepare them for the interviews. This activity focused on the personality development to make the students reliable, with a positive attitude and right decision making. We were honoured with an eminent personality, Dr. Surekha S Nair, who engaged the session. She is a Human Resources Leader with more than two decades of transforming organizations by designing future-ready, sustainable and scaleable HR ecosystems. The session came to be a great success with our students getting an opportunity to interact with Dr. Surekha S Nair, who helped them to learn about the non-academic expectations that a company expects from the candidates.

SUCCESSFULLY PLACED STUDENTS IN THE ACADEMIC YEAR 2021-2022



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

Korom, Chalakkode P.O., Payyanur, Kannur, Kerala-670307 Promoted by Sree Bhakthi Samvardhini Yogam, Talap, Kannur
Tel : 04985 201987, 88, 89. E-mail: info@sngcet.org, website: www.sngcet.org

ACADEMIC YEAR 2021-22



SUCCESSFULLY PLACED

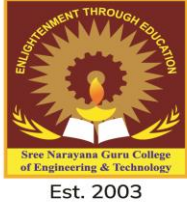
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 UST GLOBAL, TCS	 ORION INNOVATION	 MYCAPTAIN	 BUCK	 CAPGEMINI, INFOSYS	 TCS	 BIAP TECHNOLOGIES	 VALGREN REPLY JUST GLOBAL	 TCS	 IBS SOFTWARE
 CAPGEMINI	 IBS SOFTWARE	 CAPGEMINI	 UST GLOBAL	 BYJU'S	 CAPGEMINI	 INFOSYS	 BUCK	 QUEST GLOBAL, BUCK	 NETHRAM
 INFOSYS	 QUEST GLOBAL	 INFOSYS	 CONGRUEX ASIA-PACIFIC	 TECHNOPARK	 QUEST GLOBAL	 CAPGEMINI	 TCS	 BUCK	 CAPGEMINI
 CSS CORP, WIPRO	 CAPGEMINI, IBS SOFTWARE	 INFOSYS	 REIN DIGITAL, BANGALORE	 INFOSYS	 CAPGEMINI	 TCS, ZERONE	 TCS, ZERONE	 ORION INNOVATION	 KANNU VISION, CYBROSYS
								 KANNU VISION	

8. CONCLUSION

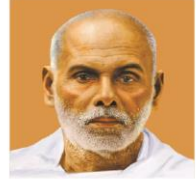
In closing, the past year has been a testament to the resilience and dedication of our entire college community. Despite the immediate challenges posed by the pandemic, we successfully organized a diverse range of technical and non-technical events, fostering a vibrant learning environment for our students.

Looking ahead, we are committed to building on this momentum. With a spirit of continuous improvement and a renewed focus on academic excellence, we plan to expand our event offerings in the coming year. We are confident that these combined efforts will translate into even stronger student performance and a brighter future for all.



Sree Narayana Guru College of Engineering & Technology

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



ANNUAL REPORT 2020-2021

ANNUAL REPORT 2020-21

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1. INTRODUCTION - OVERVIEW OF THE INSTITUTION

1.1. About the College



Established in 2003, Sree Narayana Guru College of Engineering & Technology is a renowned technical institution located in North Malabar. It operates under the auspices of Sree Bhakthi Samvardhini Yogam, based in Talap, Kannur. This Yogam was founded by the esteemed saint Sree Narayana Guru in 1907. Central to the Yogam's activities is the Sree Sundareshwara Temple in Talap, Kannur, consecrated by Sree Narayana Guru in 1916. The Yogam is dedicated to realizing the Guru's vision of enhancing people's lives educationally, socially, culturally, and spiritually.

Sree Bhakthi Samvardhini Yogam is actively pursuing the Guru's ideals by establishing educational institutions, a working women's hostel, and providing financial assistance and scholarships to deserving students. Additionally, the Yogam has established the highly regarded Sree Narayana Vidya Mandir Senior Secondary School, a prominent CBSE school in Kannur District, along with Sree Narayana ITI and a working women's hostel.

in Kannur. The institution boasts modern infrastructure across a vast 60-acre campus, featuring scenic landscapes, meticulously planned buildings, well-equipped laboratories, an updated library, hostels, and playgrounds.

1.2. History of SNGCET

The history of Sree Narayana Guru College of Engineering & Technology (SNC) is deeply intertwined with the rich legacy of Sree Bhakthi Samvardhini Yogam, an organization with a profound commitment to education and societal betterment. Established in 1907, Sree Bhakthi Samvardhini Yogam has been at the forefront of educational initiatives in Kerala. However, it was in the early 2000s that a pivotal development occurred in the landscape of technical education in the region.

During this period, Kerala faced a scarcity of self-financed engineering and technology colleges, with limited seats available in government engineering institutions. Recognizing the need to bridge this gap and provide quality technical education to aspiring students, the government granted permission for the establishment of self-financed engineering colleges. It was against this backdrop that Sree Narayana Guru College of Engineering & Technology came into being in 2003.

The college's inception marked a significant milestone in the vision of Sree Bhakthi Samvardhini Yogam, as it embarked on the noble project of creating a modern hub of engineering education in Payyanur, Kannur. Named in honor of the revered Saint Philosopher and Social Reformer of Kerala, Sree Narayana Guru (1855-1928), SNC was not just a testament to academic excellence but also a tribute to the values espoused by Sree Narayana Guru.

Under the umbrella of Sree Bhakthi Samvardhini Yogam, several other educational institutions have flourished, catering to diverse educational needs. These include Sree Narayana I.T.C in Talap, Kannur, Sree Narayana Nursery School in Kannur, and Sree Narayana Vidhya Mandir Senior Secondary School in Kannur. Together, these institutions have created a holistic ecosystem of learning, embodying the principles of quality education and social upliftment championed by Sree Narayana Guru and upheld by Sree Bhakthi Samvardhini Yogam.

1.3. Vision and Mission

Vision and Mission statements are the guiding stars that steer an institution towards its goals and aspirations. They encapsulate the essence of its purpose, values, and commitment to excellence. At Sree Narayana Guru College of Engineering & Technology (SNGCET), our Vision is to cultivate a knowledge-driven society fostering human excellence, while our Mission is to provide unparalleled technical education embedded in values and dedicated to socio-economic progress.

Vision: A knowledge society promoting human excellence and enlightenment through technical education.

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

1.4. Governance, Leadership and Management

Sree Narayana Guru College of Engineering & Technology (SNGCET) is a premier institution dedicated to fostering a knowledge society and promoting human excellence through technical education. The governance, leadership, and management at SNGCET are deeply rooted in its vision and mission, ensuring a nurturing environment for academic growth and socio-economic progress.

Vision and Mission Alignment

Vision: A knowledge society promoting human excellence and enlightenment through technical education.

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

The governance, leadership, and management strategies at SNGCET are meticulously designed to uphold its vision and mission. These guiding principles serve as the cornerstone for all institutional decisions, initiatives, and policies, ensuring a focus on academic excellence, societal advancement, and ethical values.

Leadership and Management Practices

Under the adept leadership of committed heads and administrators, SNGCET prioritizes continuous improvement in teaching methodologies, infrastructure development, and industry partnerships. The institution remains abreast of the latest advancements in technology and education, ensuring a dynamic and relevant learning experience for students.

Management practices at SNGCET emphasize research and innovation, encouraging faculty and students to engage in impactful projects that contribute to knowledge dissemination and technological advancements. Collaborations with industry leaders and government agencies further enhance the institution's research capabilities and industry relevance.

Academic Diversity and Community Engagement

SNGCET recognizes the importance of academic diversity and offers a comprehensive range of courses, including value-added, vocational, and technical programs, alongside its core curriculum. These initiatives broaden students' horizons, preparing them for diverse career pathways and industry demands.

Community engagement is integral to SNGCET's ethos. The institution actively participates in outreach programs, continuing education initiatives, and social welfare projects, demonstrating its commitment to societal development and inclusivity.

1.5. Highlights of the Year

1.5.1. Introduction

The academic year 2020-21 was a testament to resilience and adaptability as Sree Narayana Guru College of Engineering & Technology (SNGCET) navigated through the challenges imposed by the COVID-19 pandemic. With nationwide lockdowns and stringent physical distancing measures in place, traditional modes of education were no longer viable. However, instead of succumbing to the obstacles, SNGCET embraced technology and leveraged online platforms such as Google Meet to continue delivering quality education to our students. Despite the physical separation, our faculty and staff worked tirelessly to ensure that learning remained uninterrupted. Interactive online classes, virtual labs, and digital resources were meticulously curated to provide a comprehensive learning experience. Through these efforts, we not only maintained the continuity of education but also fostered a sense of connection and engagement among students, faculty, and the academic community.

One of the key highlights of the year was our successful adaptation to the online learning environment. Our faculty members utilized innovative teaching methods, interactive sessions, and digital tools to enhance student learning outcomes. Regular assessments, feedback mechanisms, and academic support initiatives were implemented to monitor student progress and address any challenges they faced during the transition. Furthermore, SNGCET's commitment to academic excellence was reflected in the exceptional performance of our students in their university examinations. Despite the disruptions caused by the pandemic, our students exhibited resilience, dedication, and adaptability, resulting in commendable academic achievements and high marks.

In essence, the challenges posed by COVID-19 were met with proactive measures, technological advancements, and a collective spirit of perseverance at SNGCET. The highlights of the year underscore our ability to innovate, adapt, and thrive in an ever-

evolving educational landscape, setting a strong foundation for continued success in the future.

1.5.2. List of webinar conducted by various departments

1.5.2.1. Department of Civil Engineering

1.5.2.1.1. "GROW and be a STAR " on 18-07-2020

The Department of Civil Engineering at Sree Narayana Guru College of Engineering & Technology (SNGCET) organized a webinar on July 18, 2020, with the theme "GROW and be a STAR." The webinar focused on preparing participants for professional opportunities and enhancing their performance to achieve optimal results. The esteemed resource person for the webinar was Dr. Surekha S. Nair, the Director-HR for India and the Middle East at EUROFINS India Pvt. Ltd. Dr. Nair shared valuable insights and expertise on career growth, skill development, and strategies for success in the workplace, making the webinar a highly enriching and informative session for all participants.

1.5.2.1.2. "CIVIL SERVICES Post B. Tech" on 08-08-2020

The Department of Civil Engineering at Sree Narayana Guru College of Engineering & Technology (SNGCET) conducted a webinar on August 8, 2020, focusing on the topic "CIVIL SERVICES Post B. Tech." The webinar aimed to enlighten participants about career opportunities in civil services after completing a B. Tech degree. The esteemed resource persons for the webinar were Dr. Sreeju S.S, IRS, Deputy Director at DG Systems & Data Management, New Delhi, and Mr. Alex Andrews George, the Founder of ClearIAS.com, renowned entrepreneur, author, and mentor. The webinar provided valuable insights, guidance, and strategies for aspiring civil servants, making it a highly beneficial and informative session for all attendees.

1.5.2.1.3. "Best Career Option in Post Covid World - Scope and Opportunities in Engineering." "Build Your Future Through Evergreen Skills of Civil Engineering" on 09-09-2020.

The Department of Civil Engineering at Sree Narayana Guru College of Engineering & Technology (SNGCET) organized a webinar on September 9, 2020, addressing two key topics: "Best Career Option in Post Covid World - Scope and Opportunities in Engineering" and "Build Your Future Through Evergreen Skills of Civil Engineering." The webinar aimed to provide insights into the career prospects and opportunities available in the engineering field, especially in the post-COVID world. The esteemed resource persons for the webinar were Lt. Col. C Preveen, a Chartered

Engineer and Certified Trainer and Mind Coach, with qualifications including B.Sc., B. Tech, MS, and MBA; and Mr. Vineeth Nair, the Director of Hebron Properties Pvt. Ltd., Bengaluru, who is a Fellow of the Institution of Engineers (FIE) and Chartered Engineer (CEng India). The webinar offered valuable guidance, expertise, and strategies for students and professionals in the civil engineering domain, making it a highly enriching and informative session.

1.5.2.1.4. Pollution Abatement Project – Peruvamba River

SNGCET Payyanur is committed to serve the needs of society and encourage the students to apply their knowledge and skills in real life socio-technical environmental issues.

As per the order of the Hon'ble National Green Tribunal (NGT) in O.A No. 673/2018, pertaining to the rejuvenation of 21 critically polluted river stretches in Kerala, it has been decided to proposeshort-term, long-term solutions to prevent the pollution in rivers and to restore its pristine quality through holistic approach.

Our faculty and students, in association with Water Resources Department, Govt of Kerala was involved in the Field studies, Water quality testing and preparation of Detailed Project Report (DPR) of River Peruvamba (Perumba)., Payyanur Kannur District during the period of January - February 2021.



1.5.2.2. Department of Electronics and Communication Engineering

1.5.2.2.1. "Electrical Power Generation Scenario in Kerala" on 31-10-2020

The Department of Electrical Engineering at Sree Narayana Guru College of Engineering & Technology (SNGCET) organized a webinar on October 31, 2020, with the topic "Electrical Power Generation Scenario in Kerala." The webinar aimed to provide insights into the current scenario of electrical power generation in the state of Kerala. The esteemed resource person for the webinar was Er. G. Mohanan, Deputy Chief Engineer in charge of the Chief Engineer, bringing valuable expertise and knowledge to the discussion. Attendees gained valuable insights into the challenges, advancements, and opportunities in the electrical power generation sector in Kerala through this informative session.



1.5.2.3. Department of Electrical and Electronics Engineering

1.5.2.3.1. "Electrical Power Generation Scenario in Kerala" on 31-10-2020

The Department of Electrical Engineering at Sree Narayana Guru College of Engineering & Technology (SNGCET) organized a webinar on October 31, 2020, with the topic "Electrical Power Generation Scenario in Kerala." The webinar aimed to provide insights into the current scenario of electrical power generation in the state of Kerala. The esteemed resource person for the webinar was Er. G. Mohanan, Deputy Chief Engineer in charge of the Chief Engineer, bringing valuable expertise and knowledge to the discussion. Attendees gained valuable insights into the challenges,

advancements, and opportunities in the electrical power generation sector in Kerala through this informative session.



1.5.2.4. Department of Computer Science and Engineering

1.5.2.4.1. "Opportunities in Data Science" on 15-07-2020

The Department of Computer Science and Engineering at Sree Narayana Guru College of Engineering & Technology (SNGCET) organized a webinar on July 15, 2020, focusing on the topic "Opportunities in Data Science." The webinar aimed to explore the vast opportunities available in the field of data science. The esteemed resource person for the webinar was Dr. N S Sreekanth, Joint Director at C-DAC Bangalore, who provided valuable insights and expertise on the subject. Attendees gained a deeper understanding of the potential career paths, advancements, and applications in the dynamic field of data science through this enlightening session.

1.5.2.4.2. "Webinar for Aspiring Plus Two students and their parents" on 23-07-2020

The Department of Computer Science and Engineering at Sree Narayana Guru College of Engineering & Technology (SNGCET) organized a webinar on July 23, 2020, tailored for aspiring Plus Two students and their parents. The webinar aimed to provide valuable insights, guidance, and career advice to students and parents navigating the transition from secondary education to higher studies. The esteemed resource person for the webinar was Lt. Col. C Preveen, a Chartered Engineer, Certified Trainer, and Mind Coach with a diverse educational background including B.Sc, B.Tech, MS, and MBA. Lt. Col. Preveen shared valuable expertise,

strategies, and insights on academic and career planning, making the webinar a highly informative and beneficial session for all attendees.

1.5.2.4.3. “Artificial Intelligence - State of the Art” on 01-08-2020

The Department of Computer Science and Engineering at Sree Narayana Guru College of Engineering & Technology (SNGCET) organized a webinar on August 1, 2020, focusing on the topic "Artificial Intelligence - State of the Art." The webinar aimed to delve into the latest advancements and trends in artificial intelligence. The esteemed resource person for the webinar was Mrs. Shabina Bhaskar, a Research Scholar at Central University of Kerala, who shared valuable insights and expertise on the state-of-the-art developments in artificial intelligence. Attendees gained a deeper understanding of AI technologies, applications, and future prospects through this enlightening session.

1.5.2.4.4. “Cyber security risk and challenges due to Covid-19” on 14-08-2020

The Department of Computer Science and Engineering at Sree Narayana Guru College of Engineering & Technology (SNGCET) organized a webinar on August 14, 2020, focusing on the topic "Cybersecurity Risks and Challenges due to Covid-19." The webinar aimed to address the heightened cybersecurity risks and challenges brought about by the COVID-19 pandemic. The esteemed resource person for the webinar was Dr. Vinod Kumar Shukla, an Associate Professor in Information Technology at Amity University, Dubai, UAE. Dr. Shukla shared valuable insights and expertise on cybersecurity threats, mitigation strategies, and best practices, making the webinar an informative and beneficial session for all attendees concerned with cybersecurity in the pandemic era.

1.5.2.5. Department of Mechanical Engineering

1.5.2.5.1. Reviving Reliability: Cost-Effective Repair of KSRTC Depot's Hydraulic Lift

The Hydraulic lift in the KSRTC depot Payyanur was out of commission as it was rusted and damaged, so when under load it could not hold the pressure as the oil was leaking through pores developed due to rust. The Cylinder was examined for fault and welded with metal sheet and found the fault and welded sheet metal so as to cover the whole vulnerable area and the lift was reinstalled.

This was a cost effective technique as the company that produces the lift no longer produced that specific model but agreed to replace it by new

model, for about 5 lacs. Students were able to successfully repair it for just 75000 as they studied and rectified the fault in the existing system itself.

The system was reinstalled, and after getting the quality test passed, it was inaugurated by honorable MLA, Sri. T I Madhusoodhanan on 24 July 2021 at KSRTC Depot in the presence of Sri. K.P. Pavithran, Secretary, SBSY



1.5.2.6. Department of Science and Humanities

1.5.2.6.1. Unlocking Excellence: NITTTR Chennai's One-Week NBA Accreditation Training

Faculty members from Sree Narayana Guru College of Engineering and Technology in Payyanur recently participated in a one-week training program conducted by the National Institute of Technical Teachers Training and Research (NITTTR) in Chennai. The training focused on the procedures involved in National Board of Accreditation (NBA) accreditation.

During the program, faculty members gained valuable insights into the latest accreditation standards, assessment criteria, and documentation requirements essential for maintaining and improving the quality of education at their institution.

This initiative was crucial for updating the knowledge and skills of faculty members, enabling them to effectively contribute towards achieving and maintaining NBA accreditation for their college. Such training programs play a vital role in ensuring that educational institutions stay updated with industry best practices, ultimately benefiting students by providing them with a high-quality learning experience

1.5.2.6.2. Preparing for Success: Mock Tests and Interviews for Placement Training

The Science and Humanities Department at Sree Narayana Guru College recently conducted a series of training sessions aimed at enhancing students' placement readiness. The sessions included mock tests and mock

interviews designed to simulate real-world job scenarios and prepare students for successful placements.

The objectives of these training sessions were to familiarize students with placement test formats, provide hands-on experience in facing interview panels, and identify areas of improvement for individual students. Various mock tests covering aptitude, technical knowledge, and communication skills were conducted, along with professional mock interviews by industry experts.

The outcomes of these sessions were highly positive. Students reported increased confidence levels and showed significant improvement in their test scores and interview performance. The personalized feedback provided during feedback sessions helped students identify their strengths and weaknesses, allowing them to focus on areas needing improvement.

Overall, the mock tests and mock interviews conducted by the Science and Humanities Department have proven to be highly beneficial in preparing students for placements, enhancing their employability, and readiness for the corporate world.



1.5.2.6.3. Empowering Educators: Organizing Faculty Training Events for Excellence

The Science and Humanities Department at Sree Narayana Guru College actively organizes faculty training events to enhance professional development. Recent events include "Excellence Unlimited" by Craft Success, focusing on leadership and management skills. Another notable event was the "Webinar on Effective Communication," which aimed to improve communication skills among faculty members.

These events are vital for updating faculty members' knowledge, honing their skills, and promoting continuous learning. "Excellence Unlimited" provided insights into effective leadership strategies, fostering a collaborative and productive work environment. The "Webinar on Effective Communication" equipped faculty with communication tools essential for effective teaching and interaction with students.

Such training events not only benefit individual faculty members but also contribute to the overall quality of education at the college. They help create a dynamic and innovative teaching environment, ultimately benefiting students and preparing them for future challenges.

1.5.2.6.4. Guiding Futures: Career Guidance Classes for Plus Two Students

The Science and Humanities Department at Sree Narayana Guru College conducted career guidance classes for plus-two students across several schools. These sessions aimed to provide valuable insights into career options, educational pathways, and skill development. Interactive discussions and expert advice were offered to help students make informed decisions about their future. The initiative was well-received, with students expressing gratitude for the guidance provided. Such career-oriented programs play a crucial role in empowering students to choose suitable career paths and prepare them for higher education and professional life.



1.6. Academic Departments

1.6.1. Department of Computer Science and Engineering

The Computer Science and Engineering (CSE) Department was established in the year 2003. B. Tech Computer Science & Engineering is a 4-year undergraduate engineering course a practical and theoretical knowledge of computer hardware and software. The department offers a B. Tech. Programme in Computer Science & Engineering with an intake of 60 students. Our Programme has been affiliated to the Kannur University, Kannur, Kerala from the 2003 to 2014 admissions, and is affiliated to the A.P.J. Abdul Kalam Technological University, Thiruvananthapuram,

Kerala from the 2015 admissions onwards. The college is approved by the All India Council for Technical Education, New Delhi. Department of Computer Science and Engineering strive to produce competent professionals and entrepreneurs with ethical values and spirit of social commitment for the betterment of the society. The department has competent and committed faculty which encourages students' involvement in various co-curricular activities along with their academics. The department is equipped with state-of-the-art infrastructure, well qualified, experienced and dedicated faculty members and promising students and above all a tranquil environment conducive to engineering studies. Four well equipped laboratories functions under this department.

Department plays a vital role in nurturing students with up-to-date knowledge in Computer Science & Engineering. Bridge courses conducted by the department provide opportunities for the students to strengthen the pre-requisites required for various. courses in the curriculum. To broaden their knowledge in the emerging technologies, the department frequently conducts Symposiums, Seminars, Tech fests, Workshops, Webinars and Conferences with the support of experienced resource persons from the industry. Department has also signed an MoU with RedHat for upgrading skills of students in Open Source technologies. The departmental library is equipped with latest books in various fields of Computer Science which provides additional insight to both students and faculty members.

1.6.2. Department of Civil Engineering

The Department of Civil Engineering came into existence with an undergraduate course in the year 2011. Civil engineering is considered to be one of the versatile branch of engineering. The department is committed in training their graduates in design, construction and maintenance of physical and natural environment. The department aims to mould graduates who have acquired basic knowledge, problem solving skills and offers successful professional practice for the betterment of society. Highly experienced doctorates and postgraduates from prestigious institutions in Civil Engineering constitute the department. The department has well equipped state-of-the art laboratories in areas of Survey, Material Evaluation, Structural Engineering, Geo-technical, Transportation Engineering, Environmental Engineering and Computer Aided Design & Drafting. The laboratories have been upgraded periodically to meet the requirements of the present curriculum. The department became full-fledged with post graduate course on Computer Aided Structural Engineering which commenced in 2013. The faculty members initiate the students to take up research activities, thereby exposing the students to apply their engineering knowledge to technical hitches related to civil engineering experienced by society. The students are taken on field visits to gain practical experience from industries. water treatment plants and construction sites. A Department Library is functional to augment the students with text books and other resources. Workshops and

conferences are conducted to expose the students to the recent trends in civil engineering.

1.6.3. Department of Mechanical Engineering

Department of Mechanical Engineering was started in the year 2003 with a sanctioned intake of 60 students. The Programme is approved by AICTE, New Delhi. Initially the four-year B. Tech Degree Programme in Mechanical Engineering was affiliated to Kannur University till the inception of APJ Abdul Kalam Technological University, Kerala in the year 2015. The department has attracted highly qualified and experienced personnel from various streams of

Mechanical Engineering as its faculty. The Mechanical Engineering curriculum is structured so that students are well prepared in the fundamental areas of solid mechanics, thermal-fluid science, systems and design engineering and materials engineering.

Students can develop an emphasis area of study by concentrating on elective courses in specific interdisciplinary areas such as Aerospace Engineering, Automotive Engineering, Robotics, Computational Methods, Manufacturing Technology, Nano Technology and others depending upon the technical courses.

1.6.4. Department of Electrical and Electronics Engineering Department

The Department of Electrical and Electronics Engineering was established in the year 2003, offering B. Tech degree Programme in electrical and electronics engineering. Initially the Programme was affiliated to Kannur University with student intake of 60 and approved by AICTE, New Delhi. The Programme currently runs with a student intake of 30, under the affiliation of Dr. APJ Abdul Kalam Technological University, Kerala, after its inception in the year 2015 and is approved by Government of Kerala and AICTE, New Delhi. The department is backed with highly dedicated, hardworking, young, dynamic and well qualified faculty members.

The academic offer of the department is focused to cater the needs of emerging electrical engineers on the theoretical and practical aspects of Electrical machines, Control system, Power systems, Power electronics, Electrical and Electronic devices, Circuits and Measurements, Instrumentation and automation, Machines design, Electrical system design and estimation etc. The department is well equipped with excellent infrastructure, articulated with state of art technology of the present times including its laboratories and library. We have highly experienced, dedicated and well trained laboratory instructors and technicians to impart training on various aspects of

electrical machines and power electronic devices and workshop for improving practical knowledge of the students.

Every year the department organizes community development programs, National seminars, workshops and technical activities to enhance knowledge and creativity of students and the faculty members. The Department of Electrical and Electronics Engineering is committed in preparing competent electrical engineers for the work place with core technical knowledge as well as professional skills necessary to face the global challenges of the future

1.6.5. Department of Electronics and Communications Engineering Department

The Electronics and Communication Engineering (ECE) Department was established in the year 2003. Four-year B. Tech Degree Programme in Electronics and Communication Engineering was offered with 60 seats affiliated to Kannur University. The Programme is approved by AICTE, New Delhi. After the inception of Dr. APJ Abdul Kalam Technological University of Kerala, in the year 2015, the ECE Programme is affiliated to this university with an intake of 30 students. The Department of ECE has a team of committed faculty members who are well qualified and richly experienced in teaching.

The Department has excellent infrastructural facilities to cater to the needs for training present day engineering professionals. It aims to produce graduates who are part of high-tech, elite professionals with special skills both in technical and soft skills, with a solid foundation in attaining sound knowledge of Electronics and Communication Engineering. The Department takes keen initiatives so that the students are able to attain excellence at par with the need of the hour in all spheres of Education, Research & Technology.

The Department has built an excellent reputation for its graduates who have been placed in national and multinational firms and public limited companies. Right from its inception, the department has been able to provide high quality training in various fields of Electronics and Communication Engineering. Students are encouraged to acquire practical knowledge in the field of Electronics and build their own working projects and models. The Department actively contributes towards various activities every year by organizing Technical Seminars

1.6.6. Department of Science and Humanities Department

Sciences and humanities are essential to all engineering and technology disciplines. The Department of Science and Humanities was established in 2003. Since its inception, it has been instrumental in building students' knowledge pedestal in the field of science and humanities while grooming them for their undergraduate examinations under APJ Abdul Kalam Technological University. It enables students to develop a new outlook towards technology in harmony with the social, economic and political advancements in present-day society. The department of Science and Humanities is strengthened by experienced faculties in each subject of Mathematics, English, Physics, Chemistry and Economics.

INDIVIDUAL DISCIPLINE OBJECTIVES

ENGINEERING PHYSICS

The aim of the Engineering Physics Program is to offer students a solid background in the fundamentals of Physics and to impart that knowledge in engineering disciplines. The program is designed to develop scientific attitudes and enable the students to correlate the concepts of Physics with the core programmes.

ENGINEERING CHEMISTRY

The Engineering Chemistry Program aims to enable the students to acquire knowledge in the concepts of chemistry for engineering applications and to familiarize the students with different application- oriented topics like spectroscopy, electrochemistry, instrumental methods etc. Also familiarize the students with topics like the mechanism of corrosion, corrosion prevention methods, SEM, stereochemistry, polymers, desalination etc., which enable them to develop abilities and skills that are relevant to the study and practice of chemistry.

ENGINEERING MATHEMATICS

This course introduces basic ideas of mathematics which are widely used in the modelling and analysis of a wide range of physical phenomena and have got application across all branches of engineering.

LIFE SKILLS

Life skills are those competencies that provide the means for an individual to be resourceful and positive while taking on life's vicissitudes. Development of one's personality by being aware of the self, connecting with others, reflecting on the abstract and the concrete, leading and generating change, and staying rooted in time-tested values and principles are being aimed at. This course is designed to enhance

employability and maximize the potential of the students by introducing them to the principles that underly personal and professional success, and help them acquire the skills needed to apply these principles in their lives and careers.

PROFESSIONAL COMMUNICATION

Clear, precise, and effective communication has become a sine qua non in today's information-driven world given its interdependencies and seamless connectivity. Any aspiring professional cannot but master the key elements of such communication. The objective of this course is to equip students with the necessary skills to listen, read, write, and speak so as to comprehend and successfully convey any idea, technical or otherwise, as well as give them the necessary polish to become persuasive communicators.

PROFESSIONAL ETHICS

The objective of the course is to enable students to create awareness of ethics and human values. It helps the students to understand the core values that shape the ethical behaviour of a professional. It explains the role and responsibility in technological development by keeping personal ethics and legal ethics.

CONSTITUTION OF INDIA

The study of their country constitution and studying the importance environment as well as understanding their human rights help the students to concentrate on their day to day discipline. It also gives the knowledge and strength to face society and people.

MANAGEMENT FOR ENGINEERS

This course is intended to help the students to learn the basic concepts and functions of management and its role in the performance of an organization and to understand various decision-making approaches available for managers to achieve excellence. Learners shall have a broad view of different functional areas of management like operations, human resources, finance and marketing.

INDUSTRIAL ECONOMICS & FOREIGN TRADE

The objective of the course is to equip the students to take industrial decisions and to create awareness of economic environment. It helps the students to evaluate the impact of government policies on the general economic welfare. Knowledge of this course helps the students to examine the overall performance of the economy, and the regulation of economic fluctuations and its impact on various sections in the society.

OTHER ACTIVITIES:

One week training programme on NBA accreditation procedures by NITTTR, Chennai.

Conducting training sessions like mock tests and mock interviews for students for placement.

Part of organizing faculty training events like Excellence unlimited by Craft Success, Webinar on Effective Communication etc.

Conducted career guidance classes for plus two students at various schools.

1.7. Faculty Details

Sree Narayana Guru College of Engineering & Technology (SNGCET) takes pride in its distinguished faculty members who form the backbone of academic excellence and innovation at our institution. Our faculty comprises experienced educators, researchers, and industry experts who are dedicated to nurturing the intellectual and professional growth of our students. With their expertise, mentorship, and commitment to continuous learning, our faculty members play a pivotal role in shaping the future leaders and innovators of tomorrow's world.

List of New Faculty Members

Si No	Name	Designation	Department
1	MS. ATHIRA BHASKARAN	ASSISTANT PROFESSOR	CE
2	MS.SHAMYA SUKUMARAN M	ASSISTANT PROFESSOR	CE
3	MS. SWATHI P	ASSISTANT PROFESSOR	CE
4	MR. SUNDER V	ASSISTANT PROFESSOR	CSE
5	MS.SWETHA PAI	ASSISTANT PROFESSOR	CSE
6	MS.SREEDHANYA MV	ASSISTANT PROFESSOR	CSE
7	MS. ATHULYA VIJAYAN	ASSISTANT PROFESSOR	CSE
8	MS. ANU MOHAN M	ASSISTANT PROFESSOR	CSE
9	MS. SHARIJA P	ASSISTANT PROFESSOR	CSE
10	MS. NEHA M V	ASSISTANT PROFESSOR	CSE
11	MS. VARSHA M	ASSISTANT PROFESSOR	CSE

12	MS. VIJINA VIJAYAN	ASSISTANT PROFESSOR	CSE
13	MS. NIMISHA M K	ASSISTANT PROFESSOR	CSE
14	MS. SARITHA NARAYANAN	ASSISTANT PROFESSOR	CSE
15	MS. BUSHRA ABDULLA NT	ASSISTANT PROFESSOR	ECE
16	MS. K P PREVEENA	ASSISTANT PROFESSOR	ECE
17	MS. THRISHNA S	ASSISTANT PROFESSOR	ECE
18	MS. MEERA M	ASSISTANT PROFESSOR	ECE
19	MR. VAISHAKH M NAYANAR	ASSISTANT PROFESSOR	EEE
20	MR.MITHUN K	ASSISTANT PROFESSOR	EEE
21	MS. SHYMA K V	ASSISTANT PROFESSOR	EEE
22	MR. MANU C	ASSISTANT PROFESSOR	EEE
23	MS. ARCHANA C P	ASSISTANT PROFESSOR	EEE
24	MR. RANJITH TV	ASSISTANT PROFESSOR	ME
25	MR.MELBIN BENNY	ASSISTANT PROFESSOR	ME
26	MR. PRAVEEN KUMAR	ASSISTANT PROFESSOR	ME
27	MR. RAMPRASIDH A	ASSISTANT PROFESSOR	ME
28	DR. K.GANGADHARAN NAIR	PROFESSOR - HOD	ME
29	MR. RAJEESH P	ASSISTANT PROFESSOR	ME
30	MR.SREELAL C V	ASSISTANT PROFESSOR	ME
31	MR.ANIRUDH K A	ASSISTANT PROFESSOR	ME
32	MR.SARANG P	ASSISTANT PROFESSOR	ME
33	MR.ARUN RAJ K	ASSISTANT PROFESSOR	ME
34	MS. DEVIKA T J	ASSISTANT PROFESSOR	S & H
35	MS ASWATHI P P	ASSISTANT PROFESSOR	S & H
36	DR. K K SOMASEKHARAN	ASSISTANT PROFESSOR	S & H
37	MR. RAJEEV P	ASSISTANT PROFESSOR	S & H
38	MS. ANEESHA A	ASSISTANT PROFESSOR	S & H
39	MS. ASHWATHI PUTHIYA PURAYIL	ASSISTANT PROFESSOR	S & H
40	MS. SREELAKSHMI PRASAD	ASSISTANT PROFESSOR	S & H

1.8. Committees Functioning in the College

The institution has established a total of 5 Statutory and Non-Statutory committees to oversee the efficient management of academic, financial, and general administrative matters. These committees, led by various faculty members, are tasked with ensuring proper management, safety, equal opportunities, maintenance, infrastructure, equipment, and funds for the smooth functioning of the institution and the well-being of its

community. The subsequent index provides a comprehensive list of the committees in question.

➤ **Academic Council**

The **Academic Council** serves as the cornerstone of academic governance within educational institutions. Comprising distinguished faculty members, administrators, and external experts, the Academic Council plays a pivotal role in shaping and overseeing academic policies, programs, and initiatives. It ensures adherence to academic standards, promotes excellence in teaching and research, and facilitates the overall academic development and welfare of students and faculty.

➤ **IQAC**

The **Internal Quality Assurance Cell (IQAC)** is established in the college to monitor the academic performance and to work towards excellence. The aim of the IQAC is to assure and maintain the academic activities of the college. It achieves quality through incessant improvement with coordination of all stake holders. The IQAC also reviews the academic performance and presents the details to the University Audit team.

➤ **Admission Committee**

➤ **Hostel Committee**

➤ **Anti – Ragging Cell**

1.9. FDP attended by our faculties

Year : 2020 - 2021			
Teaching Staff			
Si. No.	Name of the participant	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
1	Subitha M B	AICTE-ISTE sponsored six-day online FDP	22-03-2021 - 27-03-2021
2	Subitha M B	NoSQL database MongoDB using python	06-05-2021 - 07-05-2021
3	Subitha M B	Augmented reality and virtual reality	07-06-2021 - 11-06-2021
4	Subitha M B	Innovation incubation and research challenges	21-06-2021 - 25-06-2021
5	Subitha M B	Soft skills and self-publishing	3/6/2021
6	Subitha M B	Python for engineers	26-04-2021 - 30-04-2021

7	Bushra Abdulla N T	Recent trends in AI and ML	28-06-2021 - 30-06-2021
8	Bushra Abdulla N T	Advanced antennas for modern applications	5/12/2020
9	Dr. SUSAN ABRAHAM	Webinar on effective communication	7-11-2020 to 7-11-2020
10	Ms. MARY SONIA GEORGE B	Webinar on effective communication	7-11-2020 to 7-11-2020
11	Ms. MARY SONIA GEORGE B	Webinar on outcome based education and accreditation	3-9-2021 to 3- 9-2021
12	Ms. MARY SONIA GEORGE B	Certificate of participation in preparation of DPR for abatement of pollution and reguvenation of 21 rivers in kerala	11-2020 to 02-2021
13	Ms. SHILPA VALSAKUMAR	Webinar on effective communication	7-11-2020 to 7-11-2020
14	Ms. SHILPA VALSAKUMAR	Certificate of participation in preparation of DPR for abatement of pollution and reguvenation of 21 rivers in kerala	11-2020 to 02-2021
15	Ms. SARITHA SASINDRAN	Certificate of participation in preparation of DPR for abatement of pollution and reguvenation of 21 rivers in kerala	11-2020 to 02-2021
16	Ms. SARITHA SASINDRAN	Webinar on effective communication	7-11-2020 to 7-11-2020
17	Ms. SARITHA SASINDRAN	Webinar of story of the bridge that could not be build	8-7-2021 to 8- 7-2021
18	Mr.SHIBIN B	FDP for civil engineers	04-10-2021- 09-10-2021
19	Mr. PREMANAND C	Certificate of participation for educational course organised by IOV- Registered valuers foundation	10-09-2021- 19-09-2021
20	Mr. PREMANAND C	Online course on innovative construction technologies	7/11/2021
21	Mr. PREMANAND C	Certificate of participation in preparation of DPR for abatement of pollution and reguvenation of 21 rivers in kerala	nov2020- feb2021
22	Mr. PREMANAND C	Webinar on effective communication	7/11/2020
23	NIMISHA MK	Advanced antennas for modern applications	05.12.2020
24	NIMISHA MK	Recent adancements in wireless communication technologies	13.07.2021 - 17.07.2021
25	NIMISHA MK	Signal processing and machine learning techniques-emerging trends	06.09.2021- 10.09.2021
26	NIMISHA MK	Multidisciplinary applications of MATLAB	22.07.2021 - 24.07.2021
27	NIMISHA MK	VLSI and embedded systems in industries - career oppurtunities	13.09.2021 - 18.09.2021
28	SWETHA PAI	Webinar on "Artificial Intelligence"	21.11.2020

29	SWETHA PAI	Webinar on "Education in Europe and Impact of COVID19"	10.10.2020
30	SWETHA PAI	AICTE- ISTE funded Induction/Refresher program 3rd phase on "Future Wireless Communication: Standards & Technologies"	24.05.2021 - 29.05.2021
31	SWETHA PAI	FDP on "Professional Ethics in current pandemic scenario"	22.02.2021 - 27.02.2021
32	SWETHA PAI	Workshop on "Typesetting Using LaTeX"	30.04.2021 - 01.05.2021
33	JITHIKA M	FDP on Deep Learning	09.07.2021 - 11.07.2021
34	PRINSHA PRAKASH	FDP on Deep Learning	09.07.2021 - 11.07.2021

Non -Teaching Staff

S. No.	Name of the participant	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)

2. CURRICULAR DESIGN AND DEVELOPMENT

At Sree Narayana Guru College of Engineering & Technology (SNGCET), our curricular design and development are affiliated with APJ Abdul Kalam Technological University Kerala. This partnership ensures that our curriculum is not only comprehensive and rigorous but also aligned with the latest educational standards and practices. Through this collaboration, we integrate the requirements, course structures, assessment programs, and IT sustainability measures recommended by APJ Abdul Kalam Technological University Kerala. This approach enables us to provide our students with a well-rounded education that prepares them for the challenges and opportunities of the modern world, while also emphasizing the philosophical, sociological, economic, and technical aspects necessary for their holistic development.

2.1. Programmes Offered

2.1.1. UG Programmes

Sl. No	Programmes (UG)	Mode	Seats
1	Civil Engineering	Self-Financing	60 seats
2	Computer Science And Engineering	Self-Financing	60 seats

3	Electronics And Communications Engineering	Self-Financing	30 seats
4	Electrical And Electronics Engineering	Self-Financing	30 seats
5	Mechanical Engineering	Self-Financing	60 seats

2.1.2. PG Programmes

Sl. No	Programmes (UG)	Mode	Seats
1	Computer Aided Structural Engineering	Self-Financing	24 seats

2.2. Admission

Sree Narayana Guru College of Engineering & Technology (SNGCET) follows a comprehensive and inclusive admission process designed to accommodate students from diverse backgrounds and ensure fairness and transparency in selection. The admission process comprises two main components: central allotment by the Government of Kerala through the Kerala Engineering Architecture Medical (KEAM) Rank for 50% of the seats, and direct admissions by the college for the remaining 50% based on students' Plus Two marks and merits.

For management quota seats, students must qualify in the KEAM examination to be eligible for admission. Additionally, SNGCET offers a limited number of seats for Non-Resident Indian (NRI) students, providing them with opportunities for quality education in a conducive environment.

Furthermore, SNGCET's commitment to supporting deserving students is reflected in the provision of scholarships by the college management. These scholarships are aimed at recognizing academic excellence, supporting financial needs, and promoting diversity within the student community. Through these initiatives, SNGCET strives to create an inclusive and accessible educational environment that empowers students to excel and achieve their full potential.

Number of Students Admitted in 2020-2021

Sl. No	Programmes (UG)	Number of Students admitted
1	Civil Engineering	20
2	Computer Science And Engineering	42
3	Electronics And Communications Engineering	06
4	Electrical And Electronics Engineering	03
5	Mechanical Engineering	10

Sl. No	Programmes (PG)	Number of Students admitted
1	Computer Aided Structural Engineering	10

2.3. Teaching Learning Techniques Used

During the challenging period of the COVID-19 pandemic in the academic year 2020-21, Sree Narayana Guru College of Engineering & Technology (SNGCET) implemented innovative teaching-learning techniques to ensure continuity in education while prioritizing the safety and well-being of students and faculty. Leveraging technology and adapting to remote learning environments, the college introduced the following strategies:

Online Classes: SNGCET transitioned to online classes using platforms like Google Meet, Microsoft Teams, and Zoom. Faculty members conducted live lectures, interactive sessions, and virtual labs to engage students and facilitate active learning.

E-Learning Resources: The college provided access to e-learning resources such as digital textbooks, video lectures, online tutorials, and educational websites. This enabled student to study at their own pace and review materials conveniently.

Virtual Assessments: To assess students' understanding and progress, SNGCET conducted online assessments, quizzes, and exams. These assessments were conducted securely using proctoring software to maintain academic integrity.

Collaborative Tools: Collaborative tools like Google Drive, Dropbox, and Microsoft OneDrive were utilized for sharing study materials, assignments, and project submissions. This promoted collaborative learning and teamwork among students.

Faculty Training: Faculty members were trained in online teaching methodologies, digital tools, and best practices for virtual instruction. Workshops, webinars, and professional development sessions were conducted to enhance their digital teaching skills.

Student Support: The college provided technical support and guidance to students for navigating online platforms, accessing resources, and addressing any issues related to online learning. Counseling services were also available to support students' mental health and well-being during the challenging period.

By embracing these teaching-learning techniques, SNGCET ensured that academic continuity was maintained, and students received quality education despite the disruptions caused by the pandemic. The college's proactive approach, combined with faculty and student engagement, contributed to a successful transition to remote learning and adaptation to the new normal in education.

2.4. Evaluation System and Results

2.4.1. Stages of Valuation Process

Assessment Within the Institution:

Institution-Centered Evaluations: This process is overseen by the college. Elements:

Internal Assessment Examinations: Administered by the college's internal examination department, these tests gauge students' grasp of course content periodically.

Assignments and Tutorials: Faculty use these to gauge students' critical thinking, problem-solving aptitude, and application of knowledge.

All internal evaluations are structured to be outcome-oriented, evaluating students' proficiency in attaining defined learning goals as per the course syllabus.

External Assessment:

University-Administered Examinations: These tests, usually held at the end of semesters or academic years, are created and assessed by the university to maintain uniform evaluation standards among its affiliated colleges.

Result Analysis

Yearly examination of cumulative results aids in pinpointing students' strengths and weaknesses, guiding the allocation of resources for enhancement. Notably, the academic progress in several departments has shown a marked improvement, as evidenced by the trends observed during the 2020-2021 academic session.

UG	34.09 %
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3. STUDENT PROGRESSION AND SUPPORT

At Sree Narayana Guru College of Engineering & Technology (SNGCET), we understand that the journey of education is not just about acquiring knowledge but also about personal growth and development. Our commitment to student progression and support is reflected in our comprehensive programs and initiatives designed to empower students at every stage of their academic journey. From effective induction programs that facilitate a smooth transition to college life to ongoing support systems that foster academic excellence and personal well-being, SNGCET strives to create a nurturing environment where students can thrive and reach their full potential.

3.1. Student Induction Programme 2020

Transition from school to university/college or from one campus to another represents a significant and often daunting shift in a student's life. Moving forward, an important task lies in warmly welcoming new students into Higher Education and preparing them for their new role. Despite the challenges posed by COVID-19, Sree Narayana Guru College of Engineering & Technology (SNGCET) successfully adapted and conducted the Student Induction Program online via Google Meet from November 23rd to 27th, 2020.

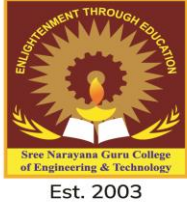
Student Induction Programme for Undergraduate Students & Post Graduate Students

Hence, a crucial responsibility lies in warmly receiving new students into Higher Education and equipping them for their upcoming responsibilities. The primary objective of the student induction program is to assist newcomers in acclimating to and feeling at ease in their new surroundings, imbuing them with the institution's values and traditions, fostering connections with peers and faculty, and fostering a sense of broader purpose and self-discovery. Through this Student Induction Program 2020, SNGCET ensures that every aspect of student life on campus is tailored to promote their overall well-being and integration.

4. CONCLUSION

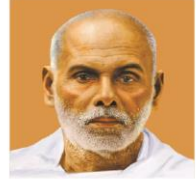
The academic year 2020-21 at Sree Narayana Guru College of Engineering & Technology (SNGCET) has been marked by resilience, innovation, and commitment to excellence despite the challenges posed by the COVID-19 pandemic. Our institution successfully navigated the transition to online learning, ensuring continuity in education and providing a supportive environment for students and faculty alike. Through webinars, workshops, and online resources, SNGCET continued to enhance the learning experience and foster academic growth. The collaboration with renowned experts and industry professionals through webinars further

enriched the academic and professional development of our students. Despite the unprecedented circumstances, SNGCET maintained its focus on academic integrity, holistic development, and student welfare, reflecting our dedication to quality education and continuous improvement.



Sree Narayana Guru College of Engineering & Technology

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



ANNUAL REPORT 2019-2020

ANNUAL REPORT 2019-20

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1. INTRODUCTION - OVERVIEW OF THE INSTITUTION

1.1 About the College



Standing tall since 2003, Sree Narayana Guru College of Engineering & Technology is a testament to the enduring legacy of the social reformer and saint, Sree Narayana Guru. Nestled in North Malabar, the college's roots trace back to the Sree Bhakthi Samvardhini Yogam, an organization established by Guru himself in 1907.

Inspired by Guru's ideals of social progress and spiritual awakening, the Yogam actively empowers individuals. Their mission extends beyond the college walls, encompassing the revered Sree Sundareswara Temple and the prestigious Sree Narayana Vidya Mandir Senior Secondary School. This commitment to education is further exemplified by the establishment of Sree Narayana ITI, a vocational training institute, and a dedicated working women's hostel, creating a well-rounded support system for students from diverse backgrounds.

Sprawling across a majestic 60-acre campus, Sree Narayana Guru College of Engineering & Technology seamlessly blends modern infrastructure with picturesque surroundings. State-of-the-art laboratories, brimming with cutting-edge equipment, and a continually updated library provide

the perfect platform for academic exploration. Dedicated hostel facilities and well-maintained recreational areas foster a vibrant campus life, ensuring a holistic learning environment that caters to both academic and personal growth.

In its essence, the college embodies the spirit of Sree Narayana Guru. It imparts not just technical expertise, but also inculcates the Guru's values of social upliftment and spiritual growth, shaping well-rounded individuals prepared to contribute meaningfully to society.

1.2 History of SNGCET

The narrative of Sree Narayana Guru College of Engineering & Technology (SNC) is intricately intertwined with the rich legacy of Sree Bhakthi Samvardhini Yogam, a beacon of education and social progress in Kerala since 1907. The Yogam's unwavering commitment to learning served as a cornerstone, yet the turn of the millennium ushered in a crucial era for technical education in the region.

Kerala faced a significant shortfall in self-financed engineering colleges, forcing aspiring students to navigate a limited selection within government institutions. Recognizing this critical gap, the government implemented a forward-thinking policy, opening doors for the establishment of private engineering colleges. This progressive move paved the way for SNC's momentous birth in 2003.

The college's inauguration marked a pivotal chapter for the Yogam's vision. Fueled by a noble mission, they embarked on a journey to establish a modern haven for engineering education in Payyanur, Kannur. Christened after the revered Sree Narayana Guru (1855-1928), a saint, philosopher, and social reformer, SNC transcended the realm of mere academics. It stood as a towering testament to academic excellence, while simultaneously embodying the very values championed by the Guru himself – values that transcended classrooms and instilled a sense of social responsibility in its students.

SNC is but a single, thriving branch on the Yogam's extensive educational tree. Flourishing under its nurturing umbrella are a multitude of other institutions catering to diverse needs. These include

Sree Narayana I.T.C in Talap, Kannur, nurturing technical skills; Sree Narayana Nursery School in Kannur, laying the foundation for early learners; and the esteemed Sree Narayana Vidya Mandir Senior Secondary School in Kannur, providing a holistic secondary education. Together, these institutions form a vibrant educational ecosystem, a testament to the unwavering commitment to quality education and social upliftment – principles championed for over a century by Sree Narayana Guru and perpetually upheld by Sree Bhakthi Samvardhini Yogam.

1.3 Vision and Mission

SNGCET envisions a future empowered by knowledge, where individuals flourish and reach their full potential. This knowledge-based society will be a breeding ground for human excellence, driving progress for the betterment of all. We are dedicated to delivering exceptional technical education. Our mission goes beyond imparting skills; it emphasizes the importance of core values. We strive to equip our graduates not only for professional success but also to be responsible contributors to positive socio-economic change.

Vision and mission statements

Vision: A knowledge society promoting human excellence and enlightenment through technical education.

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

1.4 Governance, Leadership and Management

The governance, leadership, and management frameworks at SNGCET are meticulously crafted to uphold and advance its vision and mission. These foundational principles serve as guiding lights for all institutional endeavors, guiding decision-making processes, initiatives, and policies to prioritize academic excellence, societal betterment, and ethical values.

Effective Leadership and Management Practices

Under the capable stewardship of dedicated leaders and administrators, SNGCET places a premium on continuous enhancement of teaching methodologies, infrastructure development, and industry collaborations. The institution remains at the forefront of technological and educational advancements, ensuring a dynamic and relevant learning experience for students.

Management strategies at SNGCET place a strong emphasis on research and innovation, encouraging faculty and students alike to engage in impactful projects that contribute to knowledge dissemination and technological progress. Collaborations with industry stalwarts and governmental bodies further augment the institution's research capabilities and industry relevance.

Embracing Academic Diversity and Community Engagement

Recognizing the significance of academic diversity, SNGCET offers a comprehensive array of courses, including value-added, vocational, and technical programs in addition to its core curriculum. These initiatives expand students' horizons, equipping them with the skills and knowledge needed for diverse career paths and evolving industry demands.

Community engagement is at the heart of SNGCET's ethos. The institution actively participates in outreach initiatives, continuing education programs, and social welfare projects, underscoring its commitment to societal advancement and inclusivity.

1.5 Highlights of the Year

The global pandemic unfortunately coincided with the middle of our even semester, significantly impacting our ability to hold in-person college programs. While we adapted as best we could, the semester did not unfold with the full range of activities and events we traditionally offer. We look forward to a return to normalcy in the upcoming semester and the vibrant campus life that comes with it.

1.5.1 Workshop on Geospatial Technology and Its Applications

On the 2nd of November 2019, Sree Narayana Guru College of Engineering and Technology hosted a one-day workshop on Geospatial Technology and its applications at the Seminar Hall. This event was spearheaded by Dr. V.K. Janardanan, the institutes Principal, and. Lt. Col. Praveen C, the Administrative Officer. The workshop aimed to introduce students to the vast world of geospatial technology and its multifaceted applications, with a special focus on its relevance within the civil engineering domain. The day began with a serene prayer led by Pavithra and Kavya, followed by a warm welcome by Abin Damodar from the Civil Department. Dr. V.K. Janardanan, the Principal, shared his insights in the presidential address, highlighting the importance of geospatial technology. The resource person for the day, Dr. Susan Abraham, Head of the Department, introduced the attendees. Felicitations- came from Lt. Col. Praveen C, the Administrative Officer, and Mr. Aswin Krishna, CU Chairman. Akhil Surendran, a student from S5 Civil Engineering, extended his gratitude in the vote of thanks.

1.5.2 WEBINAR ON "GROW AND BE A STAR"

The Department of Civil Engineering organized a webinar on July 18, 20, titled "GROW and Be a Star." The distinguished speaker for the session was Dr. Surekha Nair, the Director of HR at Eurofins India Pvt Ltd (India and Middle East). Dr. Nair, with over two decades of experience in Human Resource Management, provided invaluable insights into the skills needed to succeed in interviews and the expectations of the corporate world. The session has equipped participants with a competitive edge, preparing them to meet the expectations of the evolving corporate landscape. We extend our gratitude to Dr. Nair for sharing her expertise, and we look forward to more such informative and inspiring sessions in the future.

1.5.3 WORKSHOP/ INTERACTIVE SESSION ON ARCHITECTURE

As part of the academic programme, a half-day interactive session was organized by the Department of Civil Engineering on 28-09-2019 at our campus for S3, S5 and M.Tech students. The talk was delivered by Ar. Madhukumar, Chief Architect at M Kumar Associates Kannur, who has headed many prestigious building projects in the Malabar area namely Harbour City, shopping mall, Thalasseri, Kannur, A.K.G. memorial Super Specialty Hospital, Talap, 'Santhwanam' - old age home, Azhikkode, Kannur, Tourism Department Art Gallery Dharamsala, Kannur. Session commenced at 1:30pm in the Seminar Hall. Dr.Susan Abraham (HOD Civil

Department) welcomed the guests and students. Mrs. Mary Soina George, Assistant Professor (Senior Grade), introduced the guest.

The speaker shared his knowledge and experience in the field of Architecture and, Construction. The speaker commenced the session by introducing the various activities involved in project design. He stated that design always begins with client requirement elicitation, where the consultant understands the dream and requirement of the client. Further, the consultant develops a rough design based on the available budget.



1.5.4 A WORKSHOP ON DIGITAL IMAGE PROCESSING USING PYTHON

The Department of Electronics and Communication Engineering at Sree Narayana Guru College of Engineering and Technology conducted a workshop on digital image processing using python 04.11.2019. The aim of the workshop is to introduce participants to the fundamentals of digital image processing.

The workshop began with a warm welcome by Prof. Raveendran K, HoD, ECE who introduced the participants to the objectives of the workshop. This Five day workshop's objectives were to familiarize participants with the Python programming language and give them the foundational knowledge they would need to use Python in a variety of applications. Subitha M. B. planned the event, while Er. Sreelakshmi C., an expert Python trainer, led the training. 40 eager participants from a variety of backgrounds, including complete novices and those with some prior coding experience, attended the class.





1.5.5 ONLINE WORKSHOP ON TRENDING PERSPECTIVE OF AI IN ROBOTICS

The Department of Computer Science and Engineering (CSE) at Sree Narayana Guru College of Engineering and Technology (SNGCET) organized a Online workshop focusing on the "Trending Perspective of AI in Robotics" from 07/04/2020 to 11/04/2020. The Online workshop aimed to explore the intersection of artificial intelligence (AI) and robotics, highlighting the latest developments, challenges, and prospects in this dynamic field. Mr. Sunder V and Mrs. Gripsy Paul Mannickathan ,Assistant professors, ASIET, Kaladi commenced the Online workshop with an insightful introduction to the integration of AI in robotics and the event is coordinated by Sreeraji Narayanan, Assistant Professor, SNGCET.

1.5.6 MECHAURA 1.0

A huge success, the SNGCET Mechanical Tech Fest 2020 brought together industry leaders, educators, and students to celebrate the spirit of excellence and innovation in mechanical engineering. The occasion promoted a cooperative and stimulating atmosphere for the sharing of ideas and expertise in addition to offering a stage for the display of talent. This year's tech fest left a lasting impression on all those participating, igniting a fresh zeal and love for mechanical engineering as the curtains came down.



1.6 Academic Departments

Civil Engineering: This department focuses on the design, construction, and maintenance of physical infrastructure. Civil engineers are the masterminds behind buildings, bridges, roads, transportation systems, and more. They ensure the safety and sustainability of our built environment.

Mechanical Engineering: Mechanical engineers design, develop, and analyze all things mechanical, from robots and engines to power plants and heating systems. Their work keeps the world moving.

Computer Science and Engineering: This department is at the forefront of the technological revolution. Students delve into the science of computation, software design, algorithms, and artificial intelligence. They are the architects of the digital age.

Electronics and Communication Engineering: This department deals with the intricate world of electronics and communication technologies. Students explore electronic circuits, devices, communication systems, and signal processing. They are the builders of the information age.

Electrical and Electronics Engineering: This department bridges the gap between electrical power and electronics. Students study power generation, transmission, distribution, and control systems, alongside electronic devices and circuits. They ensure the smooth flow of electricity and its efficient use in electronic applications.

Humanities and Science Department: This department provides a strong foundation in subjects like mathematics, physics, chemistry, economics, communication, and social sciences. These subjects nurture critical thinking, analytical skills, and a well-rounded perspective, valuable assets in any engineering field.

1.7 Faculty Details

Sree Narayana Guru College of Engineering & Technology (SNGCET) values the exceptional faculty members who serve as the cornerstone of academic brilliance and ingenuity within our institution. Our faculty includes seasoned educators, researchers, and industry leaders who are passionately committed to fostering the intellectual and professional development of our students. Through their vast expertise, mentorship, and unwavering dedication to ongoing education, our faculty members play a crucial role in molding the next generation of leaders and innovators poised to shape the future.

Sl. No.	Name	Designation	Department
1	DR. SUSAN ABRAHAM	HOD CE	CE
2	DR. LEENA A V	ASSISTANT PROFESSOR	CE
3	MRS. MARY SONIA GEORGE	ASSISTANT PROFESSOR	CE
4	MRS. SARITHA SASINDRAN	ASSISTANT PROFESSOR	CE
5	MR. PREAMANANDH C	ASSISTANT PROFESSOR	CE
6	MS. SANGEETHA M.	ASSISTANT PROFESSOR	CE

7	MRS. SHILPA VALSAKUMAR	ASSISTANT PROFESSOR	CE
8	MS. ATHIRA B KRISHNAN	ASSISTANT PROFESSOR	CE
9	MR. ABHISHEK C V	ASSISTANT PROFESSOR	CE
10	MS.NIDHI N P	ASSISTANT PROFESSOR	CE
11	MS.ASHIKA K	ASSISTANT PROFESSOR	CE
12	MR.KRISHNADAS S	ASSISTANT PROFESSOR	CE
13	PROF. MURALIDHARA M	PROFESSOR	CE
14	MS. SRUTHI DAS K K	ASSISTANT PROFESSOR	CE
15	MS. RISHA FATHIMA ISMAYIL	ASSISTANT PROFESSOR	CE
16	MS AMITHA I C	HOD, ASSISTANT PROFESSOR	CSE
17	MR SUJITH D	ASSISTANT PROFESSOR	CSE
18	MS RASEENA A K	ASSISTANT PROFESSOR	CSE
19	MS SREERAJI NARAYANAN	ASSISTANT PROFESSOR	CSE
20	MS REMYA P V	ASSISTANT PROFESSOR	CSE
21	MS PRIYANKA MOHAN	ASSISTANT PROFESSOR	CSE
22	MS RAJITHA K V	ASSISTANT PROFESSOR	CSE
23	MS SHIBINA T	ASSISTANT PROFESSOR	CSE
24	MS JASITHA P	ASSISTANT PROFESSOR	CSE

25	MS. JITHIKA M	ASSISTANT PROFESSOR	CSE
26	MS. SREESHA GOVIND	ASSISTANT PROFESSOR	CSE
27	MR. SOUNDER RAJAN T	ASSISTANT PROFESSOR (HOD)	CSE
28	MS.NAMITHA NARAYANAN	ASSISTANT PROFESSOR	ECE
29	MS.SUBITHA M B	ASSISTANT PROFESSOR	ECE
30	MS.KAVYAVINOD	ASSISTANT PROFESSOR	ECE
31	MS.ROSHNI V V	ASSISTANT PROFESSOR	ECE
32	MS.AISWARYA P	ASSISTANT PROFESSOR	ECE
33	MS.SRINDHUNA M	ASSISTANT PROFESSOR	ECE
34	MS.SHERIN MARY KURIAKOSE	ASSISTANT PROFESSOR	ECE
35	MS. VANDANA K	ASSISTANT PROFESSOR	ECE
36	MS. ANJANEYA B ANIRUDH	ASSISTANT PROFESSOR	ECE
37	PROF. RAVEENDRAN K	PROFESSOR AND HEAD	ECE
38	MR.ABHILASH KRISHNAN T K	ASSISTANT PROFESSOR	EEE
39	MS. PRABHA CHANDRAN	ASSISTANT PROFESSOR	EEE
40	MR. ALWIN AUGUSTINE	ASSISTANT PROFESSOR	EEE
41	MS. RAJISHA V	ASSISTANT PROFESSOR	EEE

42	MS. AMRUTHA RAGHAVAN M P	ASSISTANT PROFESSOR	EEE
43	MS. VIJISHA E V	ASSISTANT PROFESSOR	EEE
44	MR. MANU C	ASSISTANT PROFESSOR	EEE
45	MR. HARIKRISHNAN G	ASSISTANT PROFESSOR	EEE
46	MS. NAYANA A K	ASSISTANT PROFESSOR	EEE
47	MR. MUHAMMED RAMEES M.K.P	ASSISTANT PROFESSOR	EEE
48	MR. BRIJESH P.V	ASSISTANT PROFESSOR	EEE
49	MS. RAMYA KRISHNAN P.V	ASSISTANT PROFESSOR	EEE
50	MR. CHANDRAJITH E	ASSISTANT PROFESSOR	ME
51	MR. LIPIN K	ASSISTANT PROFESSOR	ME
52	MR. ASWIN P	ASSISTANT PROFESSOR	ME
53	MR. MANURAJ T V	ASSISTANT PROFESSOR	ME
54	MR. BINEESH BALAN P V	ASSISTANT PROFESSOR	ME
55	MR. SREENITH T	ASSISTANT PROFESSOR	ME
56	MR. AKHIL MK	ASSISTANT PROFESSOR	ME
57	MR. AKHIL MADHUSOODANAN K M	ASSISTANT PROFESSOR	ME
58	MR.RANJIT JOY	ASSISTANT PROFESSOR	ME
59	MR. SACHIN M	ASSISTANT PROFESSOR	ME

60	MR. ARUN RAJ AC	ASSISTANT PROFESSOR	ME
61	MR.MELBIN BENNY	ASSISTANT PROFESSOR	ME
62	MR. PRAVEEN KUMAR	ASSISTANT PROFESSOR	ME
63	MR. RAMPRASIDH A	ASSISTANT PROFESSOR	ME
64	PROF. BHANUMATHI ARUNACHALAM	PROFESSOR	S & H
65	DR. K K SOMASEKHARAN	ASSISTANT PROFESSOR	S & H
66	MS. BINDIYA M	ASSISTANT PROFESSOR	S & H
67	MR NIKHIL M	ASSISTANT PROFESSOR	S & H
68	MS. KARISHMA KUNHIKANNAN	ASSISTANT PROFESSOR	S & H
69	MRS . DIVYA S P	ASSISTANT PROFESSOR	S & H
70	MRS RESHMA K V	ASSISTANT PROFESSOR	S & H
71	MR UNNIKRISHNAN O	ASSISTANT PROFESSOR, PHYSICAL EDUCATION TRAINER	S & H
72	MR. SUMITH P	PLACEMENT OFFICER/ ASSISTANT PROFESSOR	S & H
73	MS. JIJINA K	ASSISTANT PROFESSOR	S & H
74	MR. ANAND M E	ASSISTANT PROFESSOR /PLACEMENT OFFICER	S & H
75	MS. SREEVIDYA P	ASSISTANT PROFESSOR	S & H

76	MS. SOUMYA DAMODARAN	ASSISTANT PROFESSOR	S & H
77	MS. SOUMYA K	ASSISTANT PROFESSOR	S & H
78	MS. DEVIKA T J	ASSISTANT PROFESSOR	S & H

1.8 Programs/FDPs attended by faculty members

S. No.	Name of the participant	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
1	Leena Narayanan	Digital image processing using python	04.11.2019
2	Bushra Abdulla N T	Advanced antennas for modern applications	05.12.2020
3	Ms. SHILPA VALSAKUMAR	FDP on excellence unlimited	11-01-2019 to 12-01-2019
4	Ms. SARITHA SASINDRAN	Webinar on effective communication	7-11-2020 to 7-11-2020
5	THULASIBAI A	Machine Learning Course with Python online course	24.01.2020
6	THULASIBAI A	Workshop on Cloud Computing	31.07.2020
7	SREERAJI NARAYANAN	Webinar on "Grow and be a Star"	18.07.2020
8	SREERAJI NARAYANAN	FDP on Data Analytics and Machine Learning	03.08.2020 - 08.08.2020
9	SREERAJI NARAYANAN	Webinar on When to trust a self- driving car	23.07.2020
10	SREERAJI NARAYANAN	FDP on Advances in Signal Processing and Machine Learning	20.07.2020 - 26.07.2020
11	SREERAJI NARAYANAN	Webinar on Empathetic Conversational Artificial Intelligence	26.07.2020

12	SREERAJI NARAYANAN	Webinar on A Reinforcement Learning Framework for Mobile Relay Beamforming	24.07.2020
13	SREERAJI NARAYANAN	Webinar online presenting methodologies for teaching methodology	08.07.2020
14	AMITHA I C	Conference on Innovative Trends in Information	13.02.2020 - 14.02.2020

1.9 Committees Functioning in the College

1.9.1 Internal Quality Assurance Cell

The Internal Quality Assurance Cell (IQAC) is established in the college to monitor the academic performance and to work towards excellence. The aim of the IQAC is to assure and maintain the academic activities of the college. It achieves quality through incessant improvement with coordination of all stake holders. The IQAC also reviews the academic performance and presents the details to the University Audit team.

Primary Aim

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Functions

- IQAC takes a lead role in undertaking academic audit in every semester and gives feedback with the purpose of devising quality enrichment programmes.
 - It facilitates the creation of an environment conducive for quality education.
 - It documents the various programmes/activities leading to quality improvement.

1.9.2 Grievance and Redressal Cell

The Grievance Cell aims to develop a responsive and accountable attitude among all the stakeholders to maintain harmony within the institute. The Grievance Cell has been constituted for the redressal of the problems identified by the staff and students of the college with the following objectives:

- Maintain the honour of the College by ensuring a peaceful atmosphere in the College by promoting cordial Student-Students and Student-Staff relationship.
- Encourage the Students to express their grievances / issues openly without any fear of victimization.
- Suggestion / Complaint Box is placed in the reception foyer where Students / Staff, may drop their grievances or suggestions for improving the Academics / Administration in the College.
- The grievance may also be mailed to the grievances@sngcet.ac.in

1.9.3 Women's Cell

The Women's Cell at SNGCET aims at empowering the Women of SNGCET by providing them opportunities to attain their true potential. The Women's Cell is committed to create awareness among the Women about gender sensitive issues and their legal rights. The Women's Cell takes necessary action on the grievances put forth by the Women. We are committed to provide a fully confidential and supportive environment to all the female members of our campus community. The Girls/women shall also post their grievances at womengrievances@sngcet.ac.in or contact the 24x7 helpline –8943616582

The objectives if the Cell are:

- To ensure the facilities and needs of the women faculty, staff and students are met
- To address problems arising out of any gender-related discrimination
- To train women in different domains and to help them attain their own stand in a competing world

1.9.4 Academic Council

This Committee of SNGCET serves as the cornerstone of an institution's academic excellence. This critical committee is entrusted with the responsibility of overseeing and guiding all academic activities.

Composition:

- Head of Departments (HoDs): Each academic department's head brings their expertise and insights to the table.
- Principal: The institution's leader provides direction and ensures alignment with the overall vision.
- Administrative Officer: They offer crucial support with academic logistics and implementation.
- Placement Officer: This member bridges the gap between academics and career prospects, ensuring program relevance.

Functioning:

- Monitoring Academic Activities: The council keeps a watchful eye on curriculum delivery, teaching methodologies, student progress, and examination processes.
- Decision-Making: They deliberate on proposals for introducing new courses, revising existing curriculums, and implementing innovative teaching methods.
- Standardization and Quality Assurance: The council ensures academic quality by establishing and upholding rigorous standards across all programs.
- Promoting Research and Development: They may encourage and facilitate faculty research activities that contribute to the advancement of knowledge.

1.9.5 Parents Teachers Association (PTA) of SNGCET

The College Parents-Teachers Association (PTA) acts as a vital link between parents, teachers, and the college administration. It fosters a collaborative environment that supports student success.

2. CURRICULAR DESIGN AND DEVELOPMENT

2.1 Programmes Offered

2.1.1 UG Programmes

B.Tech in Civil Engineering: This program equips you with the knowledge and skills to design, construct, and maintain civil infrastructure projects. You'll delve into structural analysis, geotechnical engineering, water resources management, and transportation engineering, laying the foundation for a rewarding career in building a sustainable future.

B.Tech in Mechanical Engineering: This program ignites your passion for all things mechanical. You'll explore thermodynamics, mechanics of materials, machine design, and manufacturing processes. Graduates become the innovators behind everything from automobiles and robotics to power plants and aerospace technology.

B.Tech in Electronics and Communication Engineering (ECE): This program immerses you in the exciting world of electronics and communication. You'll master electronic circuits, communication systems, signal processing, and embedded systems. Graduates are the architects of our information age, designing and developing communication technologies that connect the world.

B.Tech in Electrical and Electronics Engineering (EEE): This program bridges the gap between electrical power and electronics. You'll delve into power generation, transmission, and control systems, alongside electronic devices and circuits. Graduates are the backbone of the power sector, ensuring efficient generation, transmission, and utilization of electrical energy.

B.Tech in Computer Science and Engineering (CSE): This program propels you to the forefront of the technological revolution. You'll explore the science of computation, software design, algorithms, and artificial intelligence. Graduates become the architects of the digital age, designing and developing the software and systems that shape our world.

2.1.2 PG Programmes

M.Tech in Computer Aided Structural Engineering (CASE): This specialized program builds upon your civil engineering background. You'll master cutting-edge software tools for structural analysis and design, allowing you to optimize complex structures efficiently. Graduates become experts in structural engineering, contributing to the creation of innovative and sustainable infrastructure.

3. ADMISSION

Total admission in 2019-20 academic year

SI No.	Name of Course (UG and PG)	University approved intake	Actual Intake
1	B.TECH CIVIL ENGINEERING	60	20
2	B.TECH COMPUTER SCIENCE AND ENGINEERING	60	43
3	B.TECH ELECTRONICS AND COMMUNICATION ENGINEERING	30	5
4	B.TECH ELECTRICAL AND ELECTRONICS ENGINEERING	30	4
5	B.TECH MECHANICAL ENGINEERING	60	18
6	M.TECH COMPUTER AIDED STRUCTURAL ENGINEERING	24	3

4. TEACHING LEARNING TECHNIQUES USED

Learning goes far beyond textbooks. Effective educators utilize a diverse toolbox of teaching methods to cater to different learning styles and keep students engaged. The following are some of the approaches used in our college to implement outcome based education system:

Lectures - This time-tested method, with the teacher at the helm, delivers information through lectures and explanations. It provides a solid foundation in core concepts and allows for clear communication.

Smart Classrooms: Embracing Technology - Integrating technology like interactive whiteboards and educational software injects a dynamic element. Visual aids and simulations enhance understanding, making complex topics more accessible.

Group Activities: Group discussions, debates, and problem-solving exercises encourage teamwork, communication, and critical thinking. Students learn from each other's perspectives and develop valuable social skills.

Project-Based Learning: Projects allow students to delve deeper into a topic. Research, planning, execution, and presentation foster a sense of ownership over learning. Students develop essential skills like research, time management, and presentation.

Seminar Presentations: Presenting findings or arguments to a class hones research, communication, and critical thinking skills. Students learn to organize information, articulate ideas, and handle questions with confidence.

External Interactions: Workshops led by experts or guest speakers bring fresh perspectives and practical insights. Field trips and industry visits provide real-world context and spark curiosity. These interactions broaden knowledge and open doors to future possibilities.

5. EVALUATION SYSTEM AND RESULTS

5.1 Stages of Valuation Process

Internal Evaluation:

College-Driven Assessments: This system is managed by the college itself.

Components:

Internal Assessment Tests: These exams, conducted by the college's internal exam cell, measure student understanding of course material at regular intervals.

Assignments and Tutorials: Faculty evaluate these to assess critical thinking, problem-solving skills, and application of knowledge.

All internal assessments are designed to be outcome-based. This means they evaluate a student's ability to achieve specific learning objectives outlined in the course curriculum.

External Evaluation:

University-Conducted Exams: These exams, typically semester or year-end, are set and evaluated by the university to ensure a standardized level of assessment across colleges affiliated with it.

5.2 Result Analysis

Percentage of students completed the course in the year 2020 from various streams of UG and PG is as follows.

SI No.	Name of Course (UG and PG)	Pass Percentage
1	B.TECH CIVIL ENGINEERING	35.6
2	B.TECH COMPUTER SCIENCE AND ENGINEERING	45.2

3	B.TECH ELECTRONICS AND COMMUNICATION ENGINEERING	32
4	B.TECH ELECTRICAL AND ELECTRONICS ENGINEERING	30
5	B.TECH MECHANICAL ENGINEERING	21.2
6	M.TECH COMPUTER AIDED STRUCTURAL ENGINEERING	90

6. STUDENT PROGRESSION AND SUPPORT

6.1 Student Induction Programme 2019-20

The student induction programme "VIHAN 2019" was conducted for the first year newly admitted students at Sree Narayana Guru College of Engineering & Technology, Kannur under APJ Abdul Kalam Technological University. The program was held from 24th July 2019 to 3rd August 2019 following the AICTE norms, for all the branches. The program structure includes sessions dealing with physical activities, human values and ethics, anti-drug campaigns, soft skills, interactions with eminent academic and industrial world, extra-curricular and co-curricular activities etc.

Transition from a school to university life is one of the most challenging events in a student's life. Induction program aims at a smooth transition of student life from pre-university level to a professional college, preparing them to adapt with their new roles and ambience. The Program offers a beautiful combination of literary, personality development activities, human value sessions, career development and placements opportunities, sports, cultural events and many more.

The induction programme set out a strong foundation for the students for their four-year long engineering journey. The motive of the programme is to inculcate the students with the culture of the institution, departmental facilities, library and laboratory facilities, placements and careers opportunities, teacher student relationship and to create strong bonds among themselves to work as a team and explore the world of Engineering together.

6.2 Placements and Progression

- **IBM** off campus drive for freshers as Associate System Engineer
- **ELEATION** campus placement drive for mechanical and civil branch
- **COGNIZANT** campus recruitment drive (CSE/EEE/ECE/ME)
- **IBS** placement drive for CSE/ ECE/ ME
- **MIND TREE** of campus hiring.

PLACEMENT HIGHLIGHTS 2019-20



K P Anupriya
Infiniz Solutions,
Ernakulam



Ashna Rajesh
Infiniz IT solutions



Aryasree Vijayaraj
Congruex Asia Pacific



Ebrahim Sainudheen
Infosys



Mohammed Anfaz
E A Sports



Rouna Ikbal
Wipro limited



VKP Jabir
Infiniz IT Solutions



KP Anupriya
Infiniz IT Solutions



Muhsina EP
CTS



Fawas Muhammed Ashraf
CTS



Ananthu Retnakaran
Infiniz IT Solutions



Aswin Sadanand
Infiniz IT Solutions



Akshay Kandoth
Cognizant



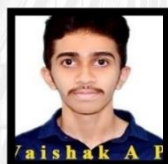
Anjali Babu
UST Global



MV Vishnu
Infiniz IT Solutions



Naveena M
IBS Software



Vaishak AP
CTS



Navya Bhaskaran
TCS



Vipin PV
Infosys

7. CONCLUSION

The year presented unique challenges. While the odd semester functioned relatively smoothly, the arrival of the global pandemic in the middle of the even semester necessitated a significant shift in our approach. This, unfortunately, resulted in a slowdown across various aspects of college life. The teaching-learning process, normally a vibrant hub of interaction, adapted to a

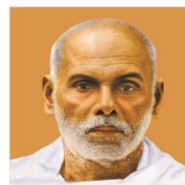
new online environment. Additionally, planned co-curricular and extracurricular programs were significantly curtailed.

However, we remain optimistic about the future. As we move forward, we are committed to continuous improvement. We are actively working to enhance academic performance and ensure a more robust learning environment. We are also excited to reintroduce and expand co-curricular and extracurricular programs, fostering a well-rounded student experience. With these efforts, we are confident that the coming year will be a resounding success, marked by academic excellence and a thriving campus life.



**Sree Narayana Guru College
of Engineering & Technology**

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



ANNUAL REPORT

2018-2019

ANNUAL REPORT 2018-19

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1. INTRODUCTION - OVERVIEW OF THE INSTITUTION

1.1 About the College



Established in 2003, Sree Narayana Guru College of Engineering & Technology stands as a testament to the enduring legacy of the revered saint Sree Narayana Guru. Nestled in North Malabar, the college finds its roots in the Sree Bhakthi Samvardhini Yogam, an organization founded by the Guru himself in 1907.

Guided by the Guru's ideals of social and spiritual upliftment, the Yogam actively works to empower individuals. This mission extends beyond the college walls, encompassing the esteemed Sree Sundareswara Temple consecrated by the Guru and the highly regarded Sree Narayana Vidya Mandir Senior Secondary School.

The Yogam's commitment to education is evident in its establishment of Sree Narayana ITI, alongside a working women's hostel, ensuring a well-rounded support system for students.

Sree Narayana Guru College of Engineering & Technology flourishes on a sprawling 60-acre campus. Here, state-of-the-art infrastructure blends seamlessly with picturesque landscapes. Modern buildings house well-equipped laboratories and an updated library, providing an ideal environment for academic pursuits. Dedicated hostel facilities and playgrounds ensure a holistic learning experience for students.

In essence, the college embodies the spirit of Sree Narayana Guru, offering a blend of technical education with the Guru's core values of social upliftment and spiritual growth.

1.2 History of SNGCET

The story of Sree Narayana Guru College of Engineering & Technology (SNC) is woven into the rich tapestry of Sree Bhakthi Samvardhini Yogam, an organization dedicated to education and social betterment. Founded in 1907, the Yogam has been a driving force for learning in Kerala. However, the turn of the millennium marked a pivotal moment for technical education in the region.

Kerala grappled with a lack of self-financed engineering colleges, leaving aspiring students with limited options in government institutions. Recognizing this gap, the government opened doors for the establishment of private engineering colleges. This progressive move paved the way for SNC's birth in 2003.

The college's inception marked a significant chapter for the Yogam's vision. It embarked on the noble mission of establishing a modern center for engineering education in Payyanur, Kannur. Named after the revered Saint, Philosopher, and Social Reformer, Sree Narayana Guru (1855-1928), SNC transcended academics. It stood as a testament to academic excellence while embodying the values championed by the Guru himself.

SNC isn't the only branch on the Yogam's educational tree. Flourishing under its umbrella are several other institutions catering to various needs. These include Sree Narayana I.T.C in Talap, Kannur, Sree Narayana Nursery School in Kannur, and the esteemed Sree Narayana Vidya Mandir Senior Secondary School in Kannur. Together, these institutions form a holistic learning ecosystem, reflecting the commitment to quality education and social upliftment – principles championed by Sree Narayana Guru and perpetually upheld by Sree Bhakthi Samvardhini Yogam.

1.3 Vision and Mission

Vision and Mission statements are the guiding stars that steer an institution towards its goals and aspirations. They encapsulate the essence of its purpose, values, and commitment to excellence. At Sree Narayana Guru College of Engineering & Technology (SNGCET), our Vision is to cultivate a knowledge-driven society fostering human excellence, while our Mission is to provide unparalleled technical education embedded in values and dedicated to socio-economic progress.

Vision: A knowledge society promoting human excellence and enlightenment through technical education.

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

1.4 Governance, Leadership and Management

Sree Narayana Guru College of Engineering & Technology (SNGCET) isn't just a place of learning; it's a crucible for shaping a brighter future. Here, a deep commitment to fostering a knowledge society and promoting human excellence through technical education sits at the core. The college's very governance, leadership, and management practices are meticulously aligned with this vision, ensuring a nurturing environment that cultivates academic growth alongside social and economic progress.

Aligning Vision and Mission: The Guiding Light

SNGCET's vision paints a clear picture: a society empowered by knowledge, where technical education unlocks human potential and ignites enlightenment. This vision is mirrored in their mission – to deliver technical education of the highest caliber, one that prioritizes socio-economic progress while remaining grounded in strong values and unwavering commitment. Every decision, initiative, and policy implemented at SNGCET stems from these guiding principles, ensuring a laser focus on academic excellence, societal advancement, and fostering ethical values in their graduates.

Leadership and Management: A Commitment to Continuous Improvement

Under the guidance of dedicated leaders and administrators, SNGCET prioritizes constant improvement. This translates into innovative teaching methodologies, continuous infrastructure development, and forging strong industry partnerships. The institution stays at the forefront of advancements in technology and education, ensuring students receive a dynamic and relevant learning experience.

Beyond Academics: Fostering Research and Community Engagement

SNGCET recognizes the importance of a well-rounded education. They offer a diverse range of courses, encompassing not just core curriculum but also value-added, vocational, and technical programs. This broadens students' skillsets and prepares them for success in a wide array of careers and ever-evolving industries.

Community engagement is another pillar of SNGCET's ethos. The college actively participates in outreach programs, continuing education initiatives, and social welfare projects, demonstrating their unwavering commitment to societal development and creating an inclusive learning environment.

SNGCET goes beyond imparting technical knowledge – it cultivates well-rounded individuals equipped to not only excel in their chosen fields but also contribute meaningfully to a better future.

1.5 Highlights of the Year

1.5.1 National level Workshop by ME department

A two day National workshop on ***QUADCOPTER*** was held at department of Mechanical Engineering, Sree Narayana Guru College of Engineering & Technology, Payyanur which was conducted on 07th and 08th of September 2018.



Inaugural Session

The workshop was inaugurated by Dr. V K Janardhanan, Principal, Sree Narayana Guru College of Engineering & Technology, Payyanur. Mr. Umar Jazar, Mechanical Association secretary preceded the inaugural function. Prof. Chandrajith E, HOD, Mechanical Department, Prof. K Raveendran, HOD, Electronics and communication Department, Dr. Susan Abraham, HOD, Civil Engineering Department, Prof. O Unnikrishnan, HOD, Physical Education Department, Lt. Col. C Praveen, Administrative Officer were Felicited and extended their heartfelt gratitude to the resource person and participants and organizers for making this attempt of holding National level workshop QUADCOPTER at Department of Mechanical Engineering, Sree Narayana Guru College of Engineering & Technology, Payyanur.



Lt. Col. C Praveen, Administrative Officer addressing the session

In the inaugural session Dr. V K Janardhanan urged to create awareness about ethics and advanced use of modern tools in field of engineering and he also mentioned history of development of unmanned remote controlled vehicles in his inaugural address. Prof. Chandrajith E, HOD, Mechanical Department have explained the necessity of national workshops and efforts behind this workshop during his speech. Prof. K Raveendran, HOD, Electronics and communication Department, Dr. Susan Abraham, HOD, Civil Engineering Department, Prof. O Unnikrishnan, HOD, Physical Education Department were delivered idea about value of education and route to innovations in field of engineering and technology. Lt. Col. C Praveen, Administrative Officer extended the history of drone and unmanned remote vehicles by continuing inaugural address of the principal.



Students interaction during the practical session

The workshop is conducted in collaboration with ROBOKART and Innovation cell of IIT BOMBAY. Mr. Amin patel from IIT Bombay lead the classes for the various students all over kerala. The programme was a grant success as far as participation is concerned. The majority of the participants were from outside the district and were very happy with the facilities and infrastructures provided by our college which include hostel facility transportation food and refreshment and lab facilities. Among the 300 registrations 150 students were selected to participate in the programme out of that 100 were from outside our college. This huge participation itself mark as the success of the workshop.

A quadcopter, also called a quadrotor helicopter or quadrotor is a multicopter that is lifted and propelled by four rotors. Quadcopters are classified as rotorcraft, as opposed to fixed-wing aircraft, because their lift is generated by a set of rotors (vertically oriented propellers). Workshop teaches about designing of quadcopter as well as assembly of RC drone. Workshop includes controlling of Drone using flight control board which includes Assembly and calibration of flight control board.



Practical session students are assembling Quadacopter

1.5.2 Quiz competition ‘Quiztronics’ by ECE department

The Department Of Electronics and Communication Engineering, SGCET, Payyanur organized “QUIZTRONICS”, a quiz competition on Tuesday, 25th September 2018. The main purpose of conducting this competition was to inculcate in the minds of the new generation electronics and communication engineering students about the incubation of Technology and innovations of engineering ideas on Electronics and communication Engineering. This was first of its kind conducted in this college for the purpose. As we got a very good faculty from Government Residential Women’s Polytechnic college, Payyanur to act as the moderator/ Quiz Master, we could arrange the program to the expected level of our students and faculty. Mr. Vinod. K, Senior Lecturer of Electronics and Communication Engineering Residential Women’s Polytechnic College who has wide experience in the field of teaching Electronics and communication Engineering as well as a trainer in emerging trends in Electronics field.

The main objective of this quiz competition was to provide knowledge and information in recent trends of Electronics as well as major current events happened in and around the world. Also Dr.APJ Abdul Kalam Kerala Technological University has made it mandatory to conduct

students activity as a part of co curricular activities. The winners of the quiz competition can acquire certain activity points, which will help them to glow in the academic results.



Inaugural Session of the Workshop

The Inaugural function of the workshop started with a prayer at 12.30 p.m. Prof. K. Raveendran, Professor & HOD ECE Department, welcomed the gathering. The Principal, Dr. V.K. Janardhanan inaugurated the function by lighting the traditional lamp and delivered the inaugural address. He particularly pointed out the need of conducting student's activities like quiz competitions, Seminars etc. for the benefits of the students to get a hands - on knowledge and experience in the recent trends in the communication technologies and updating general knowledge and technical knowledge in particular for both students and faculties. Lt. Col. Praveen C, Administrative Officer of the college felicitated on the function. The resource person for the day, Mr. Vinod K, caught the attention of the students by giving a brief introduction about the session that he would be engaging and Ms. Amrutha M V, Assistant Professor of ECE proposed the vote of thanks.

After the inaugural function, the session was handed over to Mr. Vinod K for conducting the competition. He has given a brief description on various sessions that are going to cover through the competition and rules and regulation of the competition. There were nine groups with two students in each group. He has included various questions from the field of Electronics along with certain puzzles etc.



Participation of students and Staff

After each question, a proper explanation for every question has been given clearly. Each session was highly interactive with students' active participation. After the first round, 2 groups were eliminated and after the second round, 3 groups were taken to the final rounds. The session was interactive with active participation of both students and faculty. The last and final round of contest was to identify certain qualities of contestants to know the real winner.



Prof K Raveendran, HOD/ECE addressing session

The winners were presented with Trophies for their wonderful achievement. Our Principal Dr.V.K. Janardhanan distributed trophies to the winners, and prizes sponsored by teachers of ECE dept to those students who have secured high marks in last semester examinations in the ECE department. Students suggested that the quiz competition of this kind would be very useful for them to learn and develop the knowledge both in subject level as well as the recent trends in the field of Electronics in a more effective manner.



Prize distribution to the winners

This was the first quiz competition conducted in College by the Department of Electronics & Communication Engineering. It was a great success and marked as a significant milestone, motivating the students and staff to attend more competitions of this kind and to get an active involvement in organizing more such events.

1.5.3 Seminar on Bioinformatics by CSE department

The seminar on Bioinformatics was organized by the Department in association with techkriti(Department association) on 8th September 2018. The formal inaugural function started at 9:00 a.m in Meeting Hall. Dr. V K Janardanan, Principal, Dr. Hemalatha n, Associate Professor & HOD, PG Depts Of Computer Applications & BIOINFORMATICS, AIMIT, ST ALOYSIUS COLLEGE, Mrs.Amitha I C, Head of the Department, Mr.Sujith D, AP, Mrs. Dinla O K, AP, Mrs. Raseena A.K, AP , Mr.Sidharth S Babu ,Association Secretary were present on the dias.

A welcome address was delivered by Mr.Sujith D. Followed by which the presidential address was delivered by Mrs.Amitha I C, Head of the Department. The inaugural address was delivered by our respected principal Dr.V K Janardanan. The introduction of chief guest was

delivered by Mrs. Dinla O k. Our facilitator talked about the importance of Bioinformatics .Mrs. Raseena A.K felicitated the gathering.The Inauguration came to a finish with a vote of thanks which was delivered by Mr.Sidharth S Babu.



Inaugural Session starting with prayer

After the inauguration, the students from our department and also across various reputed colleges attended seminar on 'BIOINFORMATICS' .The session was handled by our facilitator. The seminar was specifically designed to provide the right knowledge potential in Gene Expression and RNA Structure Prediction. As a result of the seminar students acquired a clear and in-depth knowledge on Bioinformatics. The session was ended by 3:00p.m. Refreshments and Lunch were provided for all the participants, faculties and students.

1.5.4 Internship by CSE department

Internship training was organized by the department of computer science and engineering from **23rd to 27th July 2018**. Internships allows students the opportunity to apply their knowledge and skills. Interning in a field of choice will stand out on students resume and help them with their job search after graduation. The internship was arranged for all computer

science students. The training was on networking (CCNA).The training included the topics like basics of networking , Layer Model, IPv4, IPv6, CISCO Router, Routing, Protocols(RIP,RIPv2,OSPF,EIGRP), Access List, NAT, Wide Area Network,Frame relay,LAN switching and Virtual LAN (VLAN).The training was conducted by Spinox Innovations, a Kochi based (An ISO 9001-2015 certified) firm, is a IT company specialized in System Software Development and Infrastructure management. Their core area is software development, providing technology and real-time solutions in the field of security, network and control. They have developed products in these fields. 56 students of CSE attended the training. Throughout the internship period students were always experiencing the practical implementation of networking topics. This internship was very fruitful to the students.

1.5.5 Two day workshop on “Recent Trends in Electrical CAD”

Sree Narayana Guru College of Engineering & Technology hosted a two day workshop entitled “Recent trends in electrical CAD” during 30-31 July 2018 organized by EEE department. It was successfully completed with over 22 participants participating in the workshop.

Prof. Raveendran K, HOD EEE welcomed the Prof. Sreehari S (resource person), Dr. V K Janardanan (Principal), Lt. Col. C Praveen (AO), other faculties and participants. Then the session was inaugurated by Dr. V K Janardanan, Principal, SNGCET, Payyanur. He has highlighted the importance of CAD in modern day applications and the need of studying it in college curriculum. He also advised to conduct such workshops for the benefit of students. Lt. Col. C Praveen, AO, SNGCET mentioned about the importance of CAD and emphasized the relevance of the workshop topic in the present industrial scenario.



The sessions were conducted by Prof. Sreehari S, Asst. professor, Adi Shankara Institute of Engineering and Technology, Kalady. Theory and practical sessions were conducted in order to understand the basic concepts of electrical CAD and recent trends in electrical CAD. Fully fledged lab facilities were arranged for all the participants to gain hands on experience on CAD and electrical CAD.



All the participants expressed their satisfaction and happiness for all the sessions. The total involvement of the participants with good interactive sessions made the workshop a grand success. All the participants were provided with a certificate. The workshop was successfully organized and the participants appreciated the management and the organizers in conducting this workshop.

1.5.6 Three Days Internship Program On EMBEDDED C AND C++ WITH HANDS-ON-TRAINING

The Department Of Electronics and Communication has organized a three days Internship Program on **EMBEDDED C AND C++** in technical collaboration with Armino Embedded & Automation Solutions LLP, Calicut on 25th, 26th & 27th July 2018 at SNGCET, Payyanur.

Mr.N.P Sooraj and Mr.Jithesh K of Armino Embedded & Automation Solutions LLP, Calicut were the resource persons for the program. They have a wide industrial experience in the field of Embedded Systems and solutions. Armino is an Indian Domestic Electronic and Automation Company headquartered at Calicut, Kerala. Armino mainly focuses on automation solutions, embedded and Green energy services.

Main objective of this technical and educational program was to introduce the knowledge of Embedded C and C++ Systems for S7, S5 and S3 students, which will be useful for their academic project development and curriculum.

The Inaugural function of the Internship Program started with welcome address by Prof. Raveendran K, H.O.D, Electronics & Communication Engineering Department. The Principal, Dr. V.K. Janardanan was the chief guest for the function. He inaugurated the workshop. Lt.Col C Preveen felicitated the workshop and Ms Leena Narayanan, Assistant Professor delivered the vote of thanks.

After the inaugural session, technical session was started by Mr. N.P Sooraj on the topic “Overview of Embedded Systems”. He mentioned briefly about the architecture and application of embedded systems. In the afternoon session simple programs were discussed and different sensors were interfaced with Microcontroller



Session in progress

On the second day Wireless Communication basics were covered and Machine to Machine Communication was introduced. On the third day concepts of C++ were introduced and also simple C++ programs were discussed.

The key focus of the Internship Program was hands-on training on Arduino board and different sensors. In the interactive lab session, Mr. Sooraj explained the basics of Embedded C and demonstrated the above software with few design examples.



Students interacting with resource person

The Internship Program ended with a feedback from Ms. Aswathi Sreekanth of S7 ECE. Students suggested that workshops of this kind would be very useful for them to learn and develop the academic projects in more effective manner. 33 students and 6 faculty members actively participated and had an excellent learning experience with hands-on training in the internship program.

The workshop was a great success and marked a milestone to the entire Department of Electronics & Communication Engineering.

1.5.7 Satvi 2019

College day 'Satvi 2019' organized by the students of SNGCET was a wonderful experience for all. Spread over two days (3-4-2019 and 4-4-2019), the event was a dazzling display of student talent, showcasing the rich tapestry of our college community. The high-energy music of Sunburn, known for their electrifying live shows, set the stage on fire. Siana Catherine, whose vocals left the audience mesmerized also joined the band.



1.5.8 Arcvil – A national level techfest organized by Civil Engineering Department

The Department of Civil Engineering buzzed with activity on 1&2 Nov 2018 as they hosted Arcvil, a two-day national level tech fest. This electrifying event brought together students from various engineering colleges, fostering a spirit of innovation and friendly competition.

Arcvil 2019 served as a platform for budding tech enthusiasts to showcase their prowess. The fest featured a diverse range of events, including technical games, quiz competition, paper presentation etc.


National Level Tech Fest

CESA
Civil Engineering Students Association


Presents

ARCVIL 1.0


**ACHIEVE
40+
POINTS**




QWIZARD
Technical Quiz




ARCADATION
CAD Drawing




ARCADE
Games




AAVISHKAAR
Exhibition



Colloquium
Paper Presentation




TALAASH
Treasure Hunt





ARCIL 1.0
creativity meets excellence

**On
1st & 2nd
Nov, 2018**



**SNGCET
Payyanur**

Contact us
Ayush Raj P.V : 8129331137
Sahada V.P : 8136878710
  **arcvil_1.0**

1.5.9 Tchranti – A national level techfest by CSE department

The Department of Computer Science and Engineering (CSE) hosted a two-day national tech fest, Techranti, igniting a spark of innovation and friendly competition. The event saw participation from students across various engineering colleges, creating a vibrant platform for budding tech enthusiasts.

Techranti offered a diverse range of activities to challenge and engage the participants. From showcasing their research prowess through paper presentations to battling it out in technical games and quizzes, the fest had something for everyone. The competitive spirit was high as students put their technical knowledge and problem-solving skills to the test.

1.5.10 Women's day celebration

The Women's Cell of the college vibrantly celebrated International Women's Day on March 8th, 2019. The day was filled with energy and inspiration as a Zumba training team all the way from Payyanur led an invigorating dance session.

Students and staff alike shed their inhibitions and embraced the rhythm, creating a space for camaraderie and joy. The event transcended generations, uniting women from all walks of college life in a celebration of their strength and spirit.

This energetic kick-off to Women's Day festivities no doubt set the tone for a day of empowerment and appreciation for the incredible women who make the college community thrive.

1.5.11 FDP by Craft Success

Two-day session on Teaching Methodology has been conducted by the team Craft Success and its details are attached herewith.



**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** 09:30 AM
2019

VENUE MEETING HALL

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

INSTITUTION CODE SNC



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, PATTANUR
KANNUR

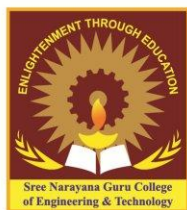
HOD

Nikhil M 

1.5.12 FDP on Accreditation Procedures of National Board of Accreditation by NITTTR Chennai (A Training Session for the Faculties)

The National Institute of Technical Teachers Training Institute Chennai conducted an accreditation procedure session of National Board of Accreditation (NBA) at Sree Narayana Guru College of Engineering & Technology (SNGCET), Payyanur, Kannur, from December 17, 2018, to December 22, 2018. The event aimed to provide comprehensive training and understanding of accreditation processes and criteria essential for educational institutions. The resource person for the sessions was V. Sivakumar from NITTTR-ECB.

 Sree Narayana Guru College of Engineering & Technology PAYYANUR, KANNUR-670 307  ACCREDITATION PROCEDURES FROM 17/12/2018 to 22/12/2018 VENUE: SNGCET COLLEGE AUDITORIUM  NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH (Ministry of Education, Government of India) Taramani, Chennai राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान (शिक्षक प्रशिक्षण, शोध एवं अनुसंधान) तारामनी, चेन्नई	17/12/2018	Registration and Inauguration	Based Education for New Generation Learners	Industry Expectation and OBE Attributes	Student centered Learning
	18/12/2018	Technical Education and Need of Accreditation	Developing Vision Mission Statements and PEO-Criteria1	Concept Mapping for Teaching and Learning	Developing Concept Maps
	19/12/2018	Evaluation Reforms directed by AICTE	Program Curriculum & Teaching-Learning Process-Criteria 2	Developing Course Outcome-Criteria 3	Mapping of Course Outcome-Program Outcome
	20/12/2018	Open Ended Experiments and Mini projects	Development of Rubrics and Assessing Attributes	Program Level Criteria	Level Criteria Institute Level Criteria
	21/12/2018	Preparation of SAR			
	22/12/2018	Group Presentation Based on Evaluation Guidelines	Group Presentation Based on Evaluation Guidelines	Group Presentation Based on Evaluation Guidelines	Feed back and Valediction



Sree Narayana Guru College of Engineering & Technology

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

Report on Accreditation Procedures of National Board of Accreditation by NITTTR Chennai (A Training Session for the Faculties)

**Sree Narayana Guru College of Engineering & Technology,
Payyanur, Kannur-670 307**

Venue: SNGCET College Auditorium

From 17/12/2018 to 22/12/2018

Introduction

The National Institute of Technical Teachers Training Institute Chennai conducted an accreditation procedure session of National Board of Accreditation (NBA) at Sree Narayana Guru College of Engineering & Technology (SNGCET), Payyanur, Kannur, from December 17, 2018, to December 22, 2018. The event aimed to provide comprehensive training and understanding of accreditation processes and criteria essential for educational institutions. The resource person for the sessions was **V. Sivakumar** from NITTTR-ECB.

Schedule and Sessions

December 17, 2018

The event commenced with registration and an inaugural session. The sessions focused on "Based Education for New Generation Learners," discussing the modern educational needs and the industry's expectations. Another key topic was "Industry Expectation and OBE Attributes," where the speakers highlighted the industry's expectations from graduates and the importance of Outcome-Based Education (OBE) attributes. The day concluded with a session on "Student Centered Learning," emphasizing the importance of learner-centric teaching methodologies.

December 18, 2018

The second day addressed the "Technical Education and Need of Accreditation," explaining why accreditation is crucial for technical institutions. This was followed by a session on "Developing Vision Mission Statements and PEO-Criteria1," where participants learned about creating effective vision and

mission statements and Program Educational Objectives (PEOs). The afternoon sessions included "Concept Mapping for Teaching and Learning" and "Developing Concept Maps," providing tools for better educational delivery.

December 19, 2018

The third day focused on "Evaluation Reforms directed by AICTE," highlighting the latest evaluation reforms. "Program Curriculum & Teaching-Learning Process-Criteria 2" and "Developing Course Outcome-Criteria 3" sessions were conducted to discuss curriculum design and course outcomes. The day ended with a session on "Mapping of Course Outcome-Program Outcome," showing the correlation between course outcomes and overall program objectives.

December 20, 2018

Day four started with sessions on "Open Ended Experiments and Mini Projects," encouraging hands-on learning experiences. "Development of Rubrics and Assessing Attributes" session provided methods for developing effective rubrics for assessment. The day concluded with discussions on "Program Level Criteria," focusing on the specific criteria that programs need to meet for accreditation.

December 21, 2018

The fifth day was dedicated to the "Preparation of SAR (Self-Assessment Report)." This session guided the participants through the process of preparing a thorough and accurate SAR, which is a critical component of the accreditation process.

December 22, 2018

The final day featured group presentations based on the evaluation guidelines discussed throughout the week. Participants presented their findings and received feedback. The event concluded with a valedictory session, summarizing the key takeaways and thanking the participants and organizers.

Conclusion

The accreditation procedures session at SNGCET was a comprehensive event that covered all aspects of the accreditation process. Participants left with a better understanding of the importance of accreditation and equipped with the knowledge to implement the discussed criteria and reforms in their institutions.

Schedule

- 17/12/2018** • Registration and Inauguration
 - Based Education for New Generation Learners
 - Industry Expectation and OBE Attributes
 - Student Centered Learning
- 18/12/2018** • Technical Education and Need of Accreditation
 - Developing Vision Mission Statements and PEO-Criteria1
 - Concept Mapping for Teaching and Learning
 - Developing Concept Maps
- 19/12/2018** • Evaluation Reforms directed by AICTE
 - Program Curriculum & Teaching-Learning Process-Criteria 2
 - Developing Course Outcome-Criteria 3
 - Mapping of Course Outcome-Program Outcome
- 20/12/2018** • Open Ended Experiments and Mini Projects
 - Development of Rubrics and Assessing Attributes

- Program Level Criteria

21/12/2018 • Preparation of SAR

22/12/2018 • Group Presentation Based on Evaluation Guidelines

- Group Presentation Based on Evaluation Guidelines
- Group Presentation Based on Evaluation Guidelines
- Feedback and Valediction

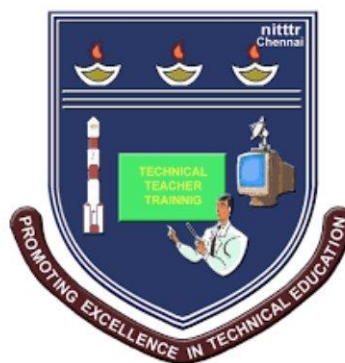
2018-19 COURSE SCHEDULE

NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING & RESEARCH CHENNAI
N.I.T.T.R. EXTENSION CENTRE, BENGALURU

"NBA ACCREDITATION PROCEDURES" From 17/12/2018 to 22/12/2018

Venue: Sree Narayana Guru College of Engineering & Technology Payyanur

DATE/ DAY	SESSION - I 9.15 AM TO 10.45 AM		SESSION - II 11.00 AM TO 12.30 PM		SESSION - III 1.30 PM TO 3.00 PM		SESSION - IV 3.15 PM TO 4.45 PM
17.12.2018 Monday	Registration and Inauguration	TEA BREAK	Outcome Based Education for New Generation Learners	LUNCH BREAK	Industry Expectation and OBE Attributes	TEA BREAK	Student centered Learning
18.12.2018 Tuesday	Technical Education and Need of Accreditation		Developing Vision Mission Statements and PEO- Criteria 1		Concept Mapping for Teaching and Learning		Developing Concept Maps
19.12.2018 Wednesday	Evaluation Reforms directed by AICTE		Program Curriculum & Teaching- Learning Process- Criteria 2		Developing Course Outcome -Criteria 3		Mapping of Course Outcome- Program Outcome
20.12.2018 Thursday	Open Ended Experiments and Mini projects		Development of Rubrics and Assessing Attributes		Program Level Criteria		Institute Level Criteria
21.12.2018 Friday	Preparation of SAR		Preparation of SAR		Preparation of SAR		Preparation of SAR
22.12.2018 Saturday	Group Presentation Based on Evaluation Guidelines		Group Presentation Based on Evaluation Guidelines		Group Presentation Based on Evaluation Guidelines		Feed back and Valediction



Photos



1.6 Academic Departments

Civil Engineering: This department focuses on the design, construction, and maintenance of physical infrastructure. Civil engineers are the masterminds behind buildings, bridges, roads, transportation systems, and more. They ensure the safety and sustainability of our built environment.

Mechanical Engineering: Mechanical engineers design, develop, and analyze all things mechanical, from robots and engines to power plants and heating systems. Their work keeps the world moving.

Computer Science and Engineering: This department is at the forefront of the technological revolution. Students delve into the science of computation, software design, algorithms, and artificial intelligence. They are the architects of the digital age.

Electronics and Communication Engineering: This department deals with the intricate world of electronics and communication technologies. Students explore electronic circuits, devices, communication systems, and signal processing. They are the builders of the information age.

Electrical and Electronics Engineering: This department bridges the gap between electrical power and electronics. Students study power generation, transmission, distribution, and control systems, alongside electronic devices and circuits. They ensure the smooth flow of electricity and its efficient use in electronic applications.

Humanities and Science Department: This department provides a strong foundation in subjects like mathematics, physics, chemistry, economics, communication, and social sciences. These subjects nurture critical thinking, analytical skills, and a well-rounded perspective, valuable assets in any engineering field.

1.7 Faculty Details

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1.8 FDPs/Courses/Classes attended by the faculty members

Sl. No.	Name of the participant	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
1	ABHILASH KRISHNAN T K	TRAINING PROGRAM ON NBA ACCREDITATION PROCESS	17-12-2018 to 22-12-2018
2	PRABHA CHANDRAN	ADVANCED TECHNOLOGIES ON EFFECTIVE TEACHING	30-12-2019 to 01-01-2020
3	RAJITHA K V	FDP on " Machine Learning Techniques and Tools	24.07.2019 - 26.07.2019
4	JITHIKA M	Programme on "NBA ACCREDITATION PROCEDURES"	17.12.2018 - 22.12.2018
5	JITHIKA M	FDP on Excellence Unlimited	11.01.2019 - 12.01.2019
6	JITHIKA M	Seminar on BIOINFORMATICS	08.09 .2018 -
7	JITHIKA M	Detection of CyberBullying based on feature set	16.03.2018 - 17.03.2018
8	JITHIKA M	Bitcoin price prediction using deep learning	26.04.2019 - 27.04.2019
9	JITHIKA M	FDP on "Image Processing and Computer Vision"	10.12.2018 - 15.12.2018
10	PRINSHA PRAKASH	FDP on Excellence Unlimited	11.01.2019 - 12.01.2019
11	PRINSHA PRAKASH	FDP on Advanced Methodologies for Effective Teaching	30.12.2019 - 01.01.2022
12	PRINSHA PRAKASH	FDP on Machine Learning	23.04.2018 - 27.04.2018

13	DILNA O K	Programme on "NBA ACCREDITATION PROCEDURES"	17.12.2018 - 22.12.2018
14	DILNA O K	FDP on Machine Learning	23.04.2018 - 27.04.2018

1.9 Committees Functioning in the College

1.9.1 Internal Quality Assurance Cell

The Internal Quality Assurance Cell (IQAC) is established in the college to monitor the academic performance and to work towards excellence. The aim of the IQAC is to assure and maintain the academic activities of the college. It achieves quality through incessant improvement with coordination of all stake holders. The IQAC also reviews the academic performance and presents the details to the University Audit team.

Primary Aim

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Functions

- IQAC takes a lead role in undertaking academic audit in every semester and gives feedback with the purpose of devising quality enrichment programmes.
 - It facilitates the creation of an environment conducive for quality education.
 - It documents the various programmes/activities leading to quality improvement.

1.9.2 Grievance and Redressal Cell

The Grievance Cell aims to develop a responsive and accountable attitude among all the stakeholders in order to maintain harmony within the institute. The Grievance Cell has been constituted for the

redressal of the problems identified by the staff and students of the college with the following objectives:

- Maintain the honour of the College by ensuring a peaceful atmosphere in the College by promoting cordial Student-Students and Student-Staff relationship.
- Encourage the Students to express their grievances / issues openly without any fear of victimization.
- Suggestion / Complaint Box is placed in the reception foyer where Students / Staff, may drop their grievances or suggestions for improving the Academics / Administration in the College.
 - The grievance may also be mailed to the grievances@sngcet.ac.in

1.9.3 Women's Cell

The Women's Cell at SNGCET aims at empowering the Women of SNGCET by providing them opportunities to attain their true potential. The Women's Cell is committed to create awareness among the Women about gender sensitive issues and their legal rights. The Women's Cell takes necessary action on the grievances put forth by the Women. We are committed to provide a fully confidential and supportive environment to all the female members of our campus community. The Girls/women shall also post their grievances at womengrievances@sngcet.ac.in or contact the 24x7 helpline –8943616582

The objectives if the Cell are :

- To ensure the facilities and needs of the women faculty, staff and students are met
- To address problems arising out of any gender-related discrimination
- To train women in different domains and to help them attain their own stand in a competing world

1.9.4 Academic Council

This Committee of SNGCET serves as the cornerstone of an institution's academic excellence. This critical committee is entrusted with the responsibility of overseeing and guiding all academic activities.

Composition:

- Head of Departments (HoDs): Each academic department's head brings their expertise and insights to the table.
- Principal: The institution's leader provides direction and ensures alignment with the overall vision.
- Administrative Officer: They offer crucial support with academic logistics and implementation.
- Placement Officer: This member bridges the gap between academics and career prospects, ensuring program relevance.

Functioning:

- Monitoring Academic Activities: The council keeps a watchful eye on curriculum delivery, teaching methodologies, student progress, and examination processes.
- Decision-Making: They deliberate on proposals for introducing new courses, revising existing curriculums, and implementing innovative teaching methods.
- Standardization and Quality Assurance: The council ensures academic quality by establishing and upholding rigorous standards across all programs.
- Promoting Research and Development: They may encourage and facilitate faculty research activities that contribute to the advancement of knowledge.

1.9.5 Parents Teachers Association (PTA) of SNGCET

The College Parents-Teachers Association (PTA) acts as a vital link between parents, teachers, and the college administration. It fosters a collaborative environment that supports student success.

During the odd semester, PTA meetings of various classes were conducting in the online mode.

The Annual General Body meeting of PTA was held on 28th May 2022. The meeting was presided by the college Principal Dr. Leena A.V, who is also the President of the PTA. Sri. Ashok Hegde L, Administrative Officer, delivered the welcome address. After the Presidential

address by the Principal there was a special session for the parents by Lt. Col C Preveen , Former AO of SNGCET. PTA vice President also addressed the parents. The Annual Report of the PTA was presented by PTA Secretary Ms. Leena Narayanan. To honour the outgoing PTA Executive Committee member Smt. Bushra Jamshid, Memento was given by the Chief guest Lt. Col C Preveen . Smt. Bushra also addressed the parents. There was an interaction session for the parents. The Principal responded to the queries raised by the parents. The class toppers of all classes were given Mementos as a token of appreciation by the College PTA. Election was conducted and six new members were inducted to the PTA Executive Committee. The function concluded after delivery of vote of thanks by Prof. Raveendran K, HOD ECE & EEE. Thereafter class wise PTA (S2, S4, S6, S8) were conducted and progress reports were distributed to the parents.



2. CURRICULAR DESIGN AND DEVELOPMENT

2.1 Programmes Offered

2.1.1 UG Programmes

B.Tech in Civil Engineering: This program equips you with the knowledge and skills to design, construct, and maintain civil infrastructure projects. You'll delve into structural analysis, geotechnical engineering, water resources management, and transportation engineering, laying the foundation for a rewarding career in building a sustainable future.

B.Tech in Mechanical Engineering: This program ignites your passion for all things mechanical. You'll explore thermodynamics, mechanics of materials, machine design, and manufacturing processes. Graduates become the innovators behind everything from automobiles and robotics to power plants and aerospace technology.

B.Tech in Electronics and Communication Engineering (ECE): This program immerses you in the exciting world of electronics and communication. You'll master electronic circuits, communication systems, signal processing, and embedded systems. Graduates are the architects of our information age, designing and developing communication technologies that connect the world.

B.Tech in Electrical and Electronics Engineering (EEE): This program bridges the gap between electrical power and electronics. You'll delve into power generation, transmission, and control systems, alongside electronic devices and circuits. Graduates are the backbone of the power sector, ensuring efficient generation, transmission, and utilization of electrical energy.

B.Tech in Computer Science and Engineering (CSE): This program propels you to the forefront of the technological revolution. You'll explore the science of computation, software design, algorithms, and artificial intelligence. Graduates become the architects of the digital age, designing and developing the software and systems that shape our world.

2.1.2 PG Programmes

M.Tech in Computer Aided Structural Engineering (CASE): This specialized program builds upon your civil engineering background. You'll master cutting-edge software tools for structural analysis and design, allowing you to optimize complex structures efficiently. Graduates become experts in structural engineering, contributing to the creation of innovative and sustainable infrastructure.

3. ADMISSION

Total admission in 2018-19 academic year

SI No.	Name of Course (UG and PG)	University approved intake	Actual Intake
1	B.TECH CIVIL ENGINEERING	60	41
2	B.TECH COMPUTER SCIENCE AND ENGINEERING	60	39
3	B.TECH ELECTRONICS AND COMMUNICATION ENGINEERING	30	7
4	B.TECH ELECTRICAL AND ELECTRONICS ENGINEERING	30	4
5	B.TECH MECHANICAL ENGINEERING	60	29
6	M.TECH COMPUTER AIDED STRUCTURAL ENGINEERING	24	11

4. TEACHING LEARNING TECHNIQUES USED

Learning goes far beyond textbooks. Effective educators utilize a diverse toolbox of teaching methods to cater to different learning styles and keep students engaged. The following are some of the approaches used in our college to implement outcome based education system:

Lectures - This time-tested method, with the teacher at the helm, delivers information through lectures and explanations. It provides a solid foundation in core concepts and allows for clear communication.

Smart Classrooms: Embracing Technology - Integrating technology like interactive whiteboards and educational software injects a dynamic element. Visual aids and simulations enhance understanding, making complex topics more accessible.

Group Activities: Group discussions, debates, and problem-solving exercises encourage teamwork, communication, and critical thinking. Students learn from each other's perspectives and develop valuable social skills.

Project-Based Learning: Projects allow students to delve deeper into a topic. Research, planning, execution, and presentation foster a sense of ownership over learning. Students develop essential skills like research, time management, and presentation.

Seminar Presentations: Presenting findings or arguments to a class hones research, communication, and critical thinking skills. Students learn to organize information, articulate ideas, and handle questions with confidence.

External Interactions: Workshops led by experts or guest speakers bring fresh perspectives and practical insights. Field trips and industry visits provide real-world context and spark curiosity. These interactions broaden knowledge and open doors to future possibilities.

5. EVALUATION SYSTEM AND RESULTS

5.1 Stages of Valuation Process

Internal Evaluation:

College-Driven Assessments: This system is managed by the college itself.

Components:

Internal Assessment Tests: These exams, conducted by the college's internal exam cell, measure student understanding of course material at regular intervals.

Assignments and Tutorials: Faculty evaluate these to assess critical thinking, problem-solving skills, and application of knowledge.

All internal assessments are designed to be outcome-based. This means they evaluate a student's ability to achieve specific learning objectives outlined in the course curriculum.

External Evaluation:

University-Conducted Exams: These exams, typically semester or year-end, are set and evaluated by the university to ensure a standardized level of assessment across colleges affiliated with it.

5.2 Result Analysis

Percentage of students completed the course in the year 2019 from various streams of UG and PG is as follows.

SI No.	Name of Course (UG and PG)	Pass Percentage
1	B.TECH CIVIL ENGINEERING	26
2	B.TECH COMPUTER SCIENCE AND ENGINEERING	38
3	B.TECH ELECTRONICS AND COMMUNICATION ENGINEERING	33.33

4	B.TECH ELECTRICAL AND ELECTRONICS ENGINEERING	10
5	B.TECH MECHANICAL ENGINEERING	12
6	M.TECH COMPUTER AIDED STRUCTURAL ENGINEERING	100

6. EXTRACURRICULAR ACTIVITIES

6.1 College day (Satvi)

Every year, a welcome respite arrives in the form of the College Annual Day, meticulously organized by our very own College Union. It's a day that transcends textbooks and equations, transforming the academic year's culmination into a vibrant celebration. Cultural programs take center stage, becoming the heart and soul of the event. For students, it's an escape from the relentless pursuit of grades. It's a chance to unwind, revel in the creative energy that fills the air, and witness their peers showcase hidden talents.

6.2 Sports Day

Every year, the Physical Education department brings the college campus to life with the electrifying buzz of Sports Day. This much-anticipated event is more than just a competition; it's an escape from the textbooks, a chance to unleash your inner athlete, and a stepping stone for future endeavors. The day explodes with a vibrant display of athleticism and school spirit. Students from all walks of college life come together to compete in a variety of sports and games.

7. STUDENT PROGRESSION AND SUPPORT

7.1 Student Induction Programme 2018-19

This year's engineering freshmen at SNGCET received a head start on their academic journey through our comprehensive Student Induction Program in July 2018. Designed to bridge the gap between high school and the demands of an engineering program, the program offered a series of intensive classes in core subjects like mathematics, physics, and chemistry.

These preparatory sessions not only helped refresh students' foundational knowledge but also equipped them with essential problem-solving skills crucial for success in engineering. The program fostered a sense of community among the new cohort, allowing them to connect with peers and faculty in a supportive environment.

The positive feedback from students and faculty alike reinforces the program's effectiveness in preparing them for the rigors of their chosen engineering disciplines. We look forward to building upon this success and continuing to provide our incoming students with the strongest possible foundation for their academic pursuits.

7.2 Placements and Progression

Final year students are sharpening their skills and building confidence for their upcoming job hunt, thanks to a comprehensive placement training program led by Mr. Anand M, the college's dedicated Placement Officer.

Every week, students participate in:

Mock Interviews: These simulated interviews provide valuable experience in handling interview questions, tackling nerves, and showcasing their qualifications effectively.

Aptitude Tests: Regular practice with aptitude tests helps students hone their problem-solving skills, analytical thinking, and time management – all crucial for acing company-specific exams.

Group Discussions: By participating in group discussions, students develop their communication skills, teamwork abilities, and the art of expressing themselves clearly and concisely in a group setting.

The following students got placed in the year 2019

name of the student and email id	department	Placed company
Shabna Melath Babu, shabnambknr@gmail.com	ECE	Infiniz Solutions,Ernakulam
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8. CONCLUSION

This past year has been a testament to the dedication and innovation of SNGCT's faculty, staff, and students. We are proud of the academic achievements and the vibrant co-curricular and extracurricular activities that enriched the student experience.

Looking ahead, we are committed to continuous improvement. We will explore opportunities to expand our technical co-curricular offerings, fostering a well-rounded engineering education. We are also dedicated to enhancing our academic programs and resources, ensuring our graduates remain at the forefront of their chosen fields.

We are confident that through continued collaboration and a commitment to excellence, SNGCET will reach even greater heights in the years to come.

