

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, 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)