

Date:09.12.2020

Submitted,

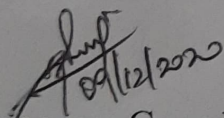
Sub: Requesting to organise ^{online} Certificate Course to CSE students -Reg

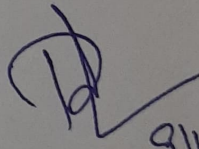
With respect to the above subject, we would like to bring your kind notice that we wish to organise 3 days Certificate Course on “**Sensor Technologies for IoT Applications**” for the 3rd and 5th semester CSE students from 14/12/2020 to 16/12/2020. This program increases technical knowledge and create interest among the students and gives more practical knowledge which motivates them to involve in many project work.

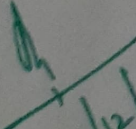
Hence requesting you to permit and approve for the above-mentioned program. Kindly consider and do the needful.

Thanking you.

Yours faithfully,


Program Coordinator,
Mrs.M. Lorate Shiny
(Faculty/CSE Department)
SSCE,Bangalore)


HOD/CSE


09/12/2020.



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Online Certification Course
on

"Sensor Technologies for IoT Applications"

14 December 2020 to 16 December 2020

Guest Speakers



Dr. M. Florance Mary
Assistant Professor, Dept. of EIE
Puducherry Technological University, Puducherry, INDIA



Dr. B. Hema Kumar
Assistant Professor, Dept. of EIE
Puducherry Technological University, Puducherry, INDIA



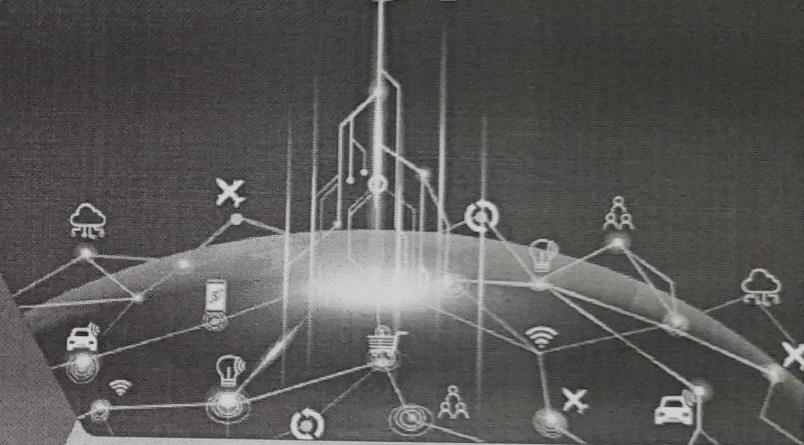
<https://forms.gle/M3DpxibAYqLs2fH28>

Dr. B. Shadaksharappa
Principal

Sri Sai Prakash LeoMuthu
Chairman & CEO, Sairam Institutions

Internet of things

IOT

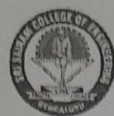


Hosting on 10:30 am

Organized By



Dept. of. Computer Science & Engineering



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SUSTAINABLE
DEVELOPMENT
GOALS



Online Certification Course on "Sensor Technologies for IoT Applications" from 14/12/2020 to 16/12/2020

Program Schedule - 14.12.2020

| | | |
|---|--|----------|
| 1 | Welcome Address – Dr.T.N.Prabakar ,Head of the Department/CSE. | 10:30 AM |
| 2 | Principal Address -Dr. B. Shadaksharappa, Principal. | 10:35 AM |
| 3 | Introduction of the Speaker - Prof.Swetha Hiremath, Assistant Professor/CSE. | 10:40 AM |
| 4 | Resource Persons: 1.Dr. B.Hema Kumar, Assistant Professor,Dept of EIE,Puducherry Technological University, Puducherry. 2.Dr.M.Florance Mary, Assistant Professor,Dept of EIE,Puducherry Technological University, Puducherry. Day 1 Session: IoT fundamentals IoT architecture & connectivity Basics of Arduino Basics of LabVIEW | 10:47 AM |
| 5 | Q & A- Participants | 12:20 PM |
| 6 | Closing Note | 12.30 PM |

Program Schedule - 15.12.2020

| | | |
|---|---|----------|
| 1 | Welcome Note | 10:30 AM |
| 2 | Day 2 Session: IoT sensors Basic Sensor working Signal conditioning Demo: connecting with ThingSpeak IoT using MATLAB | 10:35 AM |
| 3 | Q & A- Participants | 12:20 PM |
| 4 | Closing Note | 12:30 PM |

Program Schedule - 15.12.2020

| | | |
|---|--|----------|
| 1 | Welcome Note | 10:30 AM |
| 2 | Day 3 Session: Demo: Arduino serial transmission programming Demo: Controlling devices using Ethernet in LabVIEW | 10:35 AM |
| 3 | Q & A- Participants | 12:20 PM |
| 4 | Vote of Thanks | 12:28 PM |
| 5 | Closing Note | 12:30 PM |

[Signature]
11/12/20

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11/12/2020



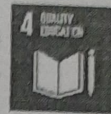
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SUSTAINABLE
DEVELOPMENT
GOALS



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

17/12/2020

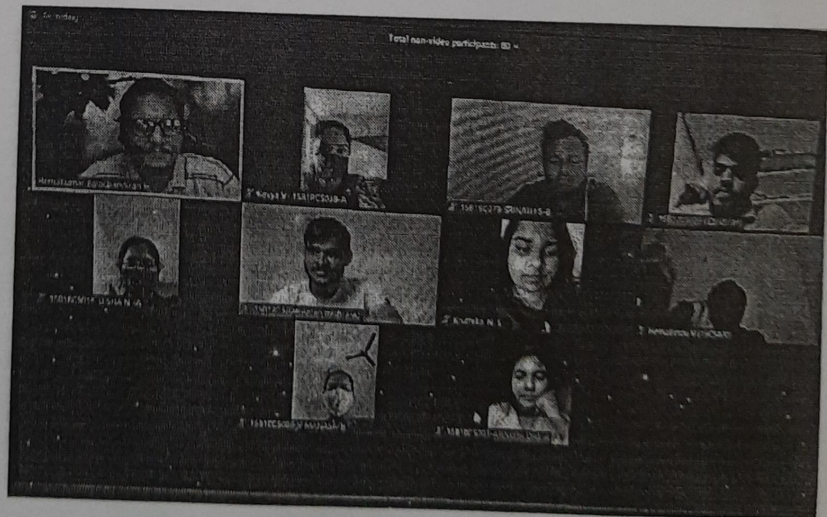
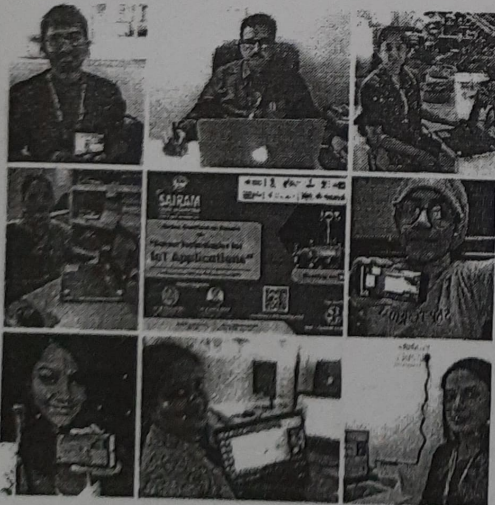
Report on 3 Days Online Certification Course on "Sensor Technologies for IOT applications"

On 14.12.2020, the program was started with welcome address by Prof. RagavendraRao, Department of CSE and Prof. Prabakar delivered the presidential address. Prof. Swetha Hiremath introduced the chief guests. Dr. Hemakumar delivered a lecture on "IOT fundamentals, IOT architectures and connectivity" on the day 1 of the programme. Dr. Florance Mary gave a lecture on "Arduino Uno and basics of LabVIEW"

On 15.12.2020, started with a welcome note and IOT Sensors, signal conditioning are covered along with a demonstration of "Thingspeak IOT using MATLAB" was explained.

On 16.12.2020, demonstration of Arduino serial transmission programming, controlling devices using Ethernet using LabVIEW were done.

Around 130 students from II and III year CSE attended the programme. The programme concluded with vote of thanks from Prof. Lorate Shiny who was coordinating the programme.

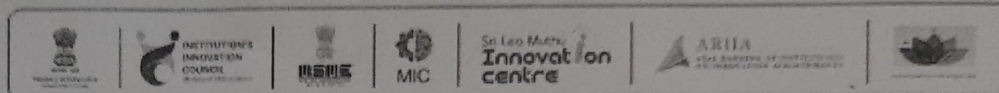
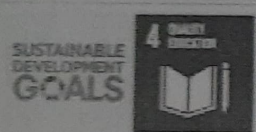


[Signature]
Coordinator
17/12/20

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HOB
17/12/20

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Principal
17/12/2020

Accredited by



★ Certificate of Participation ★

This is to certify that Mr. / Ms. _____ has participated
in 3 days Online Certification Course on "Sensor Technologies for IoT
Applications" Organized by Department of Computer Science & Engineering at
Sri Sairam College of Engineering, Bengaluru from 14th to 16th December 2020.

Dr. B. SHADAKSHARAPPA

Principal

SRI SAI PRAKASH LEOMUTAHU

Chairman & CEO, Sairam Institutions