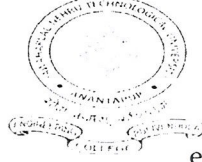


JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
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G.Murali,
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Mobile:7670902321

Head_{FAC&}
Assistant Professor of CSE

email: murali.cse@jntuaac.in

Date: 25.06.2019.

APSSDC-Circular

All students are hereby advised that the APSSDC program "Embedded System Fundamentals 2019-20" will be held on July01, 2019 to March 31, 2020, in the CSE R&D lab. As a result, I'm directing all the students who have signed up for this program to show up without fail.

G. Murali

In charge of APSSDC Program

Copy to:

1. Principal's Peshi for information.
2. The vice Princiapal for information
3. All Head of the Departments.
4. Notice Board
5. File

V. S. S. Latha
REGISTRAR
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PROGRAM REPORT

Program Name: Embedded Systems Fundamentals Workshop 2019-20

Program Date: 01-07-2019 to 31-03-2020

Venue: JNTUA College of Engineering, Pulivendula

About the Program:

The workshop curriculum covered the following key topics:

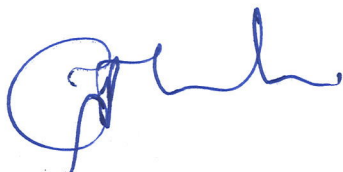
- Introduction to Embedded Systems: An overview of embedded systems, their characteristics, and their significance in modern technology.
- Microcontrollers and Microprocessors: Understanding the differences between microcontrollers and microprocessors, and their use in embedded systems.
- Embedded C Programming: Learning the basics of programming microcontrollers using the C programming language.
- Interfacing with Sensors and Actuators: Exploring techniques to interface microcontrollers with sensors and actuators for data acquisition and control.
- Communication Protocols: Understanding common communication protocols used in embedded systems, such as UART, SPI, and I2C.
- Real-time Operating Systems (RTOS): Introduction to real-time operating systems and their relevance in handling time-critical tasks.
- Embedded Systems in IoT: Discussing the integration of embedded systems in the Internet of Things (IoT) ecosystem.

Trainees Attended: 46

Participants Feedback:

Feedback was collected from participants at the end of the workshop. The response was positive, with participants expressing satisfaction with the workshop's content and delivery. Some common feedback points included:

- The workshop provided a comprehensive and structured introduction to embedded systems.
- Hands-on workshops were valuable in gaining practical experience and reinforcing learning.
- Instructors were knowledgeable, approachable, and eager to assist participants with their queries.



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Conclusion:

The Embedded Systems Workshop provided participants with valuable insights into embedded systems and practical skills in designing and programming microcontroller-based projects. The hands-on approach and interactive sessions contributed to the workshop's success in fostering a deeper understanding of this critical field in modern technology.

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EMBEDDED SYSTEMS FUNDAMENTALS



About
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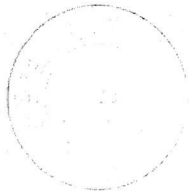
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Venue:
JNTUACEP

Organised by:
APSSDC

JNTU
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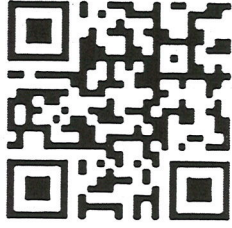
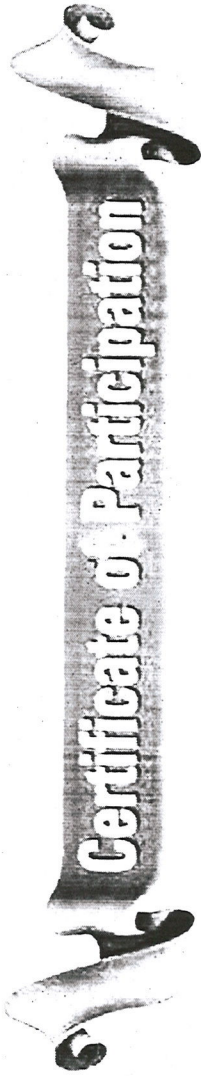


Andhra Pradesh State Skill Development Corporation (APSSDC)

(Department of Skills Development & Training, Govt. of Andhra Pradesh)



Sk I I AP
APSSDC



Cert.No.

Regd Id : 17191A0225

This is to certify that Mr./Ms./Mrs K.Manasa
of JNTUA College Of Engineering Pulivendula has successfully
participated Training Program on Embedded System Fundamentals 2019-20
held from 01-07-2019 to 31-03-2020

V.Srinath
REGISTRAR
J.M.T.U Anantapur
ANANTAPURAMU 515002

[Signature]
Principal (or) HOD

Dr. Ravi K. Gujjula

Chief General Manager (Technical)

APSSDC

[Signature]

MKV Sreenivasulu

Executive Director,

APSSDC

[Signature]

Sri S. Satyanarayana, IAS

Managing Director

APSSDC

JNTUA College of Engineering Pulivendula
Department of Computer Science and Engineering
Online Attendance

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