

Reg Mentor Allocation for IoT & Embedded Systems Workshop - APSSDC

4 messages

Chandirani Deramgula <chandirani.d@apssdc.in> Sun, Apr 4, 2021 at 8:15 PM
To: Venkat Gandham <gvs2904@gmail.com>
Cc: Madhu Vamsi Yerramsetti <madhuvamsi.y@apssdc.in>, SivaGangadharaRao Yerramsetti <sivagangadhara_y@apssdc.in>, Murali Krishna Sunkara <muralikrishna.s@apssdc.in>

Dear Sir,

We are deputing 2 Trainers to your college **V R Siddharth engineering college - Vijayawada**, for **IoT & Embedded Systems Workshop** starts from 5-04-2021 to 10-04-2021. Kindly arrange food & accommodation for them.

Instructions for Conducting Offline Programs:

- 1.College should follow the covid-19 Precautions.
2. Every student and faculty Has to wear Masks and carry hand sanitizers while in session and social distance is mandatory in lab arrangement.
- 3.Please, take care of the sanitization of labs frequently.

Trainers Details :

For Iot Program:

Mr.Y Madhu Vamsi - 8121405655 - madhuvamsi.y@apssdc.in

For Embedded Systems Program:

Mr.Y Siva Gangadhara Rao - 9550952342 - sivagangadhara_y@apssdc.in

For Coordination Contact Details

S.NO	Name	Contact Number	Mail ID
1	Gandham Venkatasubbaiah	9703632322	gvs2904@gmail.com

Please find below the requirements for Workshop.

- 1.Good Lab Facility with Systems(Number Of Systems Based On Students Count).
- 2.Projector, Mike
- 3.Black Board
- 4.Food & Accommodation for Trainers.
- 5.Mode of payment: online(by the end of the program college should complete the payment)

Thanks & Regards
D. Chandirani
Apssdc(Andhra Pradesh State Skill Development Corporation)

Venkat Gandham <gvs2904@gmail.com>
To: Chandirani Deramgula <chandirani.d@apssdc.in>

Sun, Apr 4, 2021 at 9:13 PM

Thank you mam
[Quoted text hidden]

Thanks & Regards

Gandham Venkatasubbaiah

Asst. Prof ,
Electronics & communication engg
V R Siddharth engineering college
VIJAYAWADA.

Reg Mentor Allocation for Embedded Systems Workshop - APSSDC

2 messages

Chandirani Deramgula <chandirani.d@apssdc.in>
 To: Venkat Gandham <gvs2904@gmail.com>
 Cc: mahidhar Banka <mahidhar.b@apssdc.in>, "santhosh chevvakula." <santhosh.c@apssdc.in>, "Madhava K." <madhava.k@apssdc.in>, Murali Krishna Sunkara <muralikrishna.s@apssdc.in>

Wed, Mar 31, 2021 at 12:38 PM

Dear Sir,

We are deputing 3 Trainers to your college **VR Siddharth engineering college - Vijayawada** for **Embedded Systems Workshop** starts from

5-04-2021 to 10-04-2021 and 12-04-2021 to 17-04-2021. Kindly arrange food & accommodation for them.

Instructions for Conducting Offline Programs:

- 1.College should follow the covid-19 Precautions.
2. Every student and faculty Has to wear Masks and carry hand sanitizers while in session and social distance is mandatory in lab arrangement.
- 3.Please, take care of the sanitization of labs frequently.

Trainers Details :

S.No	Mentor Name	Mail Id	Contact Number
1	B.Mahidhar	mahidhar.b@apssdc.in	9966985773
2	Ch.Santhosh	santhosh.c@apssdc.in	9573583953
3	K.Madhava	madhava.k@apssdc.in	6300170098

For Coordination Contact Details


S.NO	Name	Contact Number	Mail ID
1	Gandham Venkatasubbaiah	9703632322	gvs2904@gmail.com

Please find below the requirements for Workshop.

- 1.Good Lab Facility with Systems(Number Of Systems Based On Faculty Count).
- 2.Projector, Mike
- 3.Black Board
- 4.Food & Accommodation for Trainers.

Course Schedule:Please find below attachment for course content

Thanks & Regards
 D. Chand Rani
 Apssdc(Andhra Pradesh State Skill Development Corporation)

 **es.docx.pdf**
52K

Venkat Gandham <gvs2904@gmail.com>
 To: Chandirani Deramgula <chandirani.d@apssdc.in>

Wed, Mar 31, 2021 at 12:47 PM

Thank you for allocating Mentors similarly allocat for IoT and send me
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IOT COURSE OUTCOME :

DAY 1 : Introduction to the Internet of things and Microcontroller and MicroProcessors

Introduction to Development Boards--Arduino Development board and Raspberry Pi

Introduction to Scratch programming--Led & Button & Servo Motor Interfacing with arduino using scratch programming and its tasks -- Hands on

DAY 2 : Introduction to Integrated Development Environment and Arduino Pin Description

Serial Communication with Arduino and Led & Button Concepts in Arduino like led on and off and blinking controlling & controlling with buttons also & Keypad Interfacing with Arduino and tasks-- Hands on

DAY 3 : Introduction to Motors & Displays. Motor Interfacing with Arduino, Seven Segment display interfacing and LCD Display Interfacing

Bluetooth Module Interfacing With Arduino

Day 4 : Introduction Raspberry pi Development Board--OS Installation, Linux basics, Python programming. Pin Configuration and Module Introduction.

Led concepts, button concepts, IR sensor, Servo Motor Interfacing with pi.

Day 5 : Introduction to IoT Cloud and Introduction to Things Speak
Introduction to BLYNK and Adafruit

Things Speak IoT Cloud--Channel creation & Publishing Sensor Data to Created Channel and Retrieving Sensor Data from Things Speak Cloud

DHT 11 interfacing & Socket Communication

DAY 6 : Project Creation in Blynk & Mobile App notifications from Blynk cloud

Project Creation in Adafruit IoT cloud & Sensor Data Publishing & Data Retrieving

Account Creation in AWS Cloud. Introduction to AWS IoT core. Publishing DHT sensor data to AWS cloud and SNS Service in AWS cloud.

Thank you

College Name : V R Siddhartha engineering college - Vijayawada

Course Name : Internet of Things(IoT)

Duration : First Batch : 5-04-2021 to 10-04-2021

Second batch : 12-04-2021 to 17-04-2021

EMBEDDED SYSTEMS COURSE OUTCOME

DAY 1 : Introduction to Embedded Systems,8051 microcontroller and Introduction to softwares like keil and proteus and Installation & Download Procedure About Softwares

Interfacing Devices With 8051 Microcontroller--Led Interfacing With 8051 Microcontroller like led on and off, Led Blinking and Mutiple Leds Blinking and traffic lights and Tasks

Students Registration in APSSDC Portal

DAY 2 : Button Interfacing with 8051 MicroController and Button Tasks. Introduction to Relays and Relay Interfacing with 8051 microcontroller and Introduction to dc motors and types and motor interfacing with 8051 using motor driver and Motor Tasks

Introduction to displays and types and Explanation about 7 seg display and types and interfacing to 8051

DAY 3 :Introduction to LCD and LCD interfacing in 4 bit and 8 bit mode to 8051 and Introduction to matrix keypad and 3x3 keypad interfacing. Introduction to UART and Interfacing with 8051 and Timers,Counters

DAY 4 :Introduction to ARM7 (LPC2148) and Pin description and registers of ARM7 and MDK installation. Led & Button Interfacing with ARM7 and Tasks--Hands on

DAY 5 : Introduction to Relay and sensors--IR Sensor and Real time applications controlling with IR. Introduction to Displays--LCD in 4 bit and 8 bit Mode--Hands on

Day 6 : Introduction to UART (Universal Asynchronous Receiver/Transmitter) and Interfacing with ARM7 and Led controlling with Bluetooth communication--Hands on

Finally we are checking how many students registered in our portal and we will explain how to payment about registered students also

Thank you

College Name : VR Siddhardha Engineering College

Course Name : Embedded Systems

Duration : First Batch : 5-04-2021 to 10-04-2021

Second batch : 12-04-2021 to 17-04-2021

Thank you



ONE WEEK WORKSHOP ON

EMBEDDED SYSTEMS FUNDAMENTAL AND ADVANCE

12th-17th APRIL, 2021

Organized by

DEPARTMENT OF ECE



VELAGAPUDI RAMAKRISHNA

SIDDHARTHA ENGINEERING COLLEGE

Sponsored by Siddhartha Academy of General & Technical Education, Vijayawada.



ONE WEEK WORKSHOP ON

IOT FUNDAMENTALS AND ADVANCE

12th-17th April, 2021

Organized by

DEPARTMENT OF ECE



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ONE WEEK WORKSHOP ON

IOT FUNDAMENTALS AND ADVANCE

5th-10th April, 2021

Organized by

DEPARTMENT OF ECE



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5th-10th APRIL, 2021

Organized by

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