



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)
NAAC Accredited Institute & Inclusion u/s 2(f) & 12(B) of the UGC Act
NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

CIRCULAR

Anakapalle

Dt: 23/2/2021

Department of Computer Science Engineering is hereby informed that, in view of the feedback received from Computer Science Engineering students regarding skill enhancement and to improve the expertise of students in Internet of Things(IoT), HOD is advised to depute a faculty from CSE to design and develop a suitable course structure in line with the IoT to explore the relationship between IoT, cloud computing, and big data for III B.Tech CSE students with over 30 working hours. Please ensure that this Add-on course helps them to understand the application areas of IOT & to realize the revolution of the Internet in Mobile Devices, Cloud & Sensor Networks. Make arrangements to deliver the course from next week onwards.

PRINCIPAL

Dadi Institute of Engineering & Technology

Approved by AICTE & Permanently Affiliated to JNTUK



NAAC Accredited Institute

Visakhapatnam, Andhra Pradesh

A Six Week Training Program on

‘INTERNET OF THINGS (IoT)’

About the Institute

Dadi Institute of Engineering & Technology is a top ranked Engineering and Management College affiliated to Jawaharlal Nehru Technological University, Kakinada. The Institute is NAAC Accredited, ISO Certified and also associated with many professional bodies in the field of Engineering, Technology and Management. It strives to promote the highest standards among the students and enable them to build a New World. Dadi Institute of Engineering & Technology is distinctive among institutions of higher learning. Founded in 2006 by Sri Dadi Veerabhadra Rao, an academicians and former Minister as the first multicultural and co- educational college in Anapalle which admits only academically promising students.

Course Instructor

**Dr. M Srinivasa Rao, Prof.,
CSE**

About the Course

Students will be able to explore the new technology and applications. It's better decision making solution and communication made creators more confident to represent themselves.

About CSE Department

The Department of Computer Science and Engineering was established in the year 2006, since inception of the college, with an annual intake of 60 students for B.Tech. programme and subsequently the intake was enhanced to 120 in the year 2007 and to 180 in 2012. As on date the department intake for undergraduate (B.Tech.) is 180 and from the academic year 2020-2021 the department is offering undergraduate courses in trending specializations like Artificial Intelligence & Machine Learning (AI & ML) and Data Science. Department also offers M.Tech. programme namely M.Tech. (CSE) with an annual intake of 18 seats in the year 2011 and the intake has been enhanced to 24 in 2014.

Date: 2/3/2021 to 7/4/2021

(Twice a Week)

Venue: Lab - 5 (2nd Floor)

Department of Computer Science Engineering

INTERNET OF THINGS (IoT) COURSE

Course Instructor:

Dr. M. Srinivasa Rao
Professor, CSE Department
Dadi Institute of Engineering & Technology

Duration:

6 Weeks: 2/3/2021 to 7/4/2021 (Twice a Week)

Overview & Need for the Course:

It is **easy to explore the new technology and applications**. It's better decision making solution and communication made creators more confident to represent themselves. IoT is best opportunity for career oriented creators as they can learn, build and understand system on its own

Course Objectives:

The goal behind the Internet of things is

- Understand the definition and significance of the Internet of Things
- Discuss the architecture, operation, and business benefits of an IoT solution
- Examine the potential business opportunities that IoT can uncover
- Explore the relationship between IoT, cloud computing, and big data
- Identify how IoT differs from traditional data collection systems

Course Outcomes:

- Able to understand the application areas of IOT .
- Able to realize the revolution of Internet in Mobile Devices, Cloud & Sensor Networks .
- Able to understand building blocks of Internet of Things and characteristics
- Able to work with a Cloud Computing infrastructure
- Design and program IoT devices

Requirements

This course has no pre- or co-requisites.

Course Contents

- Chap 1. IOT Enabling Technologies
- Chap 2. Home Automation, Cities
- Chap 3. IOT Design Methodology,
- Chap 4. IOT Physical Devices & Endpoints
- Chap 5. Interfaces and Programming
- Chap 6. Cloud computing
- Chap 7. Smart Agriculture System.
Weather Reporting System.
Home Automation System

Classroom



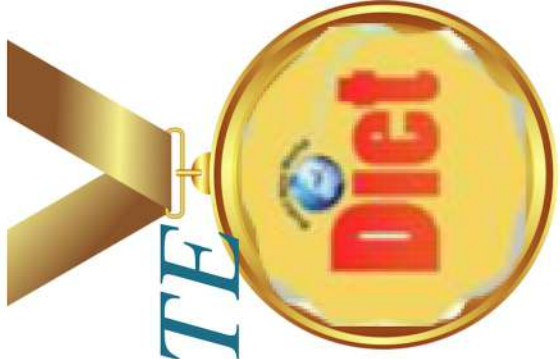
DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute

NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

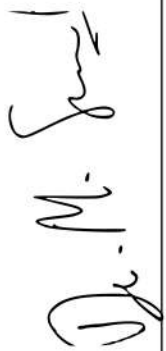


COURSE COMPLETION CERTIFICATE

This Certificate is given to

D CHAANDINI

For the successful completion of 6-week course on INTERNET OF THINGS (IoT) from 2/3/2021 to 7/4/2021



Dr. M Srinivasa Rao
Course Instructor



Dr. Ch Narasimham
Principal



Mr. Dadi Ratnakar
Chairman



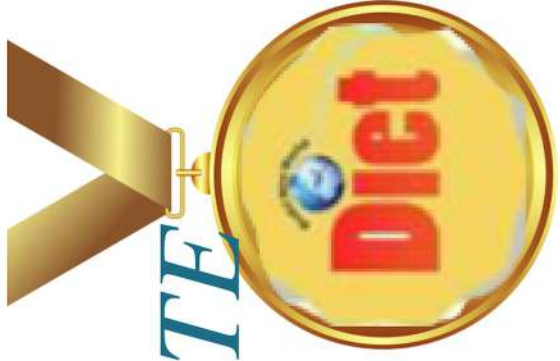
DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute

NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

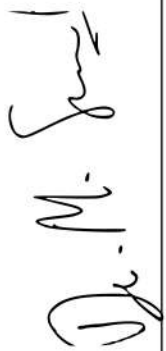


COURSE COMPLETION CERTIFICATE

This Certificate is given to

S H A R I S H A N K A R

For the successful completion of 6-week course on INTERNET OF THINGS (IoT) from 2/3/2021 to 7/4/2021



Dr. M Srinivasa Rao
Course Instructor



Dr. Ch Narasimham
Principal



Mr. Dadi Ratnakar
Chairman



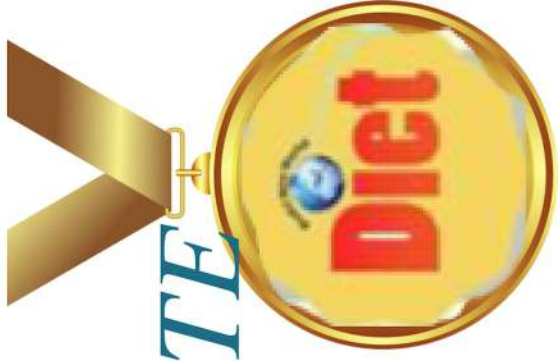
DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute

NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

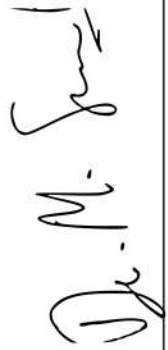


COURSE COMPLETION CERTIFICATE

This Certificate is given to

N TEJASWI

For the successful completion of 6-week course on INTERNET OF THINGS (IoT) from 2/3/2021 to 7/4/2021



Dr. M Srinivasa Rao
Course Instructor



Dr. Ch Narasimham
Principal



Mr. Dadi Ratnakar
Chairman

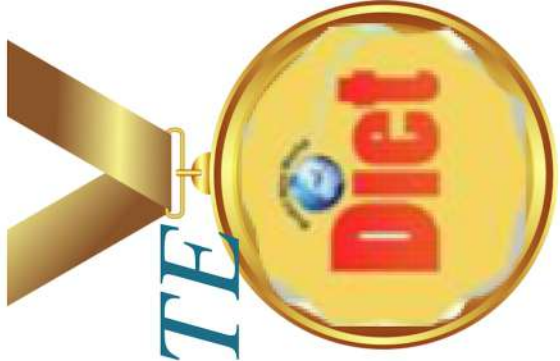


DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)
NAAC Accredited Institute

NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in




COURSE COMPLETION CERTIFICATE

This Certificate is given to

T MANNOJ SWAMY

For the successful completion of 6-week course on INTERNET OF
THINGS (IoT) from 2/3/2021 to 7/4/2021



Dr. M Srinivasa Rao
Course Instructor



Dr. Ch Narasimham
Principal



Mr. Dadi Ratnakar
Chairman



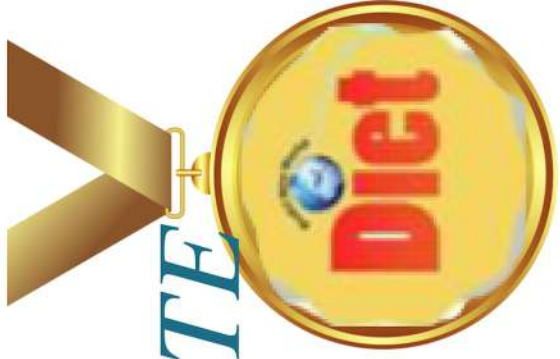
DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute

NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

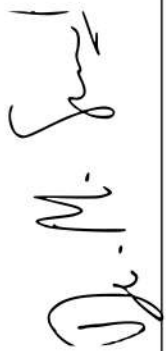


COURSE COMPLETION CERTIFICATE

This Certificate is given to

KOTNI SWATHI

For the successful completion of 6-week course on INTERNET OF THINGS (IoT) from 2/3/2021 to 7/4/2021



Dr. M Srinivasa Rao
Course Instructor



Dr. Ch Narasimham
Principal



Mr. Dadi Ratnakar
Chairman





DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE & Permanently Affiliated to JNTU, Kakinada
NAAC Accredited Institute and Inclusion under Section 2(f) & 12 (B) of UGC Act
An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute

STUDENT FEEDBACK FORM

Dear Candidate,

Your feedback is critical for the Institute to ensure that we are meeting your educational needs. We would appreciate if you could take a few minutes to share your opinions with us so that we can serve you better.

Title of the Activity: Internet of things (IoT) Course

Date Duration: 6 weeks (1/3/21-10/4/21) Instructor/Coordinator: M. Srinivas Rao

1. The content was as described in Publicity Material	1	2	3	4	5
2. The program was helpful in practical understanding	1	2	3	4	5
3. I will recommend this course/workshop program to relevant conservators across our campus	1	2	3	4	5
4. The program was well placed within allotted time	1	2	3	4	5
5. The instructor was an effective communicator	1	2	3	4	5

Feedback Suggestions
 Got many new terminologies in this course and we had learned many things

Please return this form to the Course Instructor/Organizer/Coordinator at the end of the workshop/add-on course/Training Program



DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE & Permanently Affiliated to JNTU, Kakinada
NAAC Accredited Institute and Inclusion under Section 2(f) & 12 (B) of UGC Act
An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute

STUDENT FEEDBACK FORM

Dear Candidate,

Your feedback is critical for the Institute to ensure that we are meeting your educational needs. We would appreciate if you could take a few minutes to share your opinions with us so that we can serve you better.

Title of the Activity: Internet of things (IoT) course

Date Duration: 6W (1/3/21-10/4/21) Instructor/Coordinator: M. Srinivas Rao

1. The content was as described in Publicity Material	1	2	3	4	5
2. The program was helpful in practical understanding	1	2	3	4	5
3. I will recommend this course/workshop program to relevant conservators across our campus	1	2	3	4	5
4. The program was well placed within allotted time	1	2	3	4	5
5. The instructor was an effective communicator	1	2	3	4	5

Feedback/Suggestions
 Explanation put absolutely perfect to understand the each and every part in the subject

Please return this form to the Course Instructor/Organizer/Coordinator at the end of the workshop/add-on course/Training Program