

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

A NAAC Accredited Institute

An ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution NH-5, Anakapalle – 531002, Visakhapatnam, A.P.

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

CIRCULAR

Anakapalle Dt:- 7-6-2016

Department of Computer Science Engineering is hereby informed that, in view of the feedback received from III B.Tech. students of EEE branches 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. students of EEE branches 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 academician and former Minister as the first multicultural and co- educational college in Anakapalle which admits only academically promising students.

About the Course

Course Instructor
Dr. L Prasanna Kumar, Prof.,
CSE

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.

Benefitted Students III B.Tech. EEE **Date:** 14-06-2016 - 24-06-2016 **Venue:** Lab - 5 (II-Floor)

INTERNET OF THINGS (IoT) COURSE

Course Instructor:

Dr. L.Prasanna Kumar HOD &Professor, CSE Department Dadi Institute of Engineering & Technology

Duration:

6 Weeks: 14-06-2016 to 24-06-2016

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

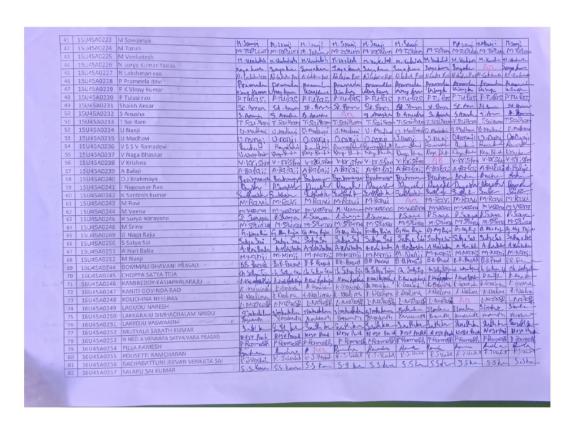
This course has no pre- or co-requisites.

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

List of Participants







Dadi Institute of Engineering & Technology, Anakapalle

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COURSE COMPLETION CERTIFICATE

This Certificate is given to

DADI VAMSI

For the successful completion of 6-week course on INTERNET OF THINGS (IoT) from 14-06-2016 to 24-06-2016

Dr. L Prasanna Kumar

Course Instructor

Dr. Ch Prabhakara Rao

Principal

Mr. Dadi Ratnakar

Elle

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Course Instructor

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Principal

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Dr. Ch Prabhakara Rao

Principal

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Principal

Mr. Dadi Ratnakar

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NAAC Accredited Institute and Industria AP ares to 1.71% Har saca NAAC Accredited Institute and Industria under Section 2(f) & 12 (f) of UGC Acc ACCRES SOCIOLE INC 1400-2013 & 110-4100-2018 (Section Institute

STUDENT FEEDBACK FORM

Dear Candidate.

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

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

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