



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(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: 11-6-2018

Department of Computer Science Engineering is hereby informed that, in view of the feedback received from II B.Tech. students of CIVIL & 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 II B.Tech. students of CIVIL & 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, Anakapalle

Dadi Institute of Engineering & Technology

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A 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

Students will be able to explore the new technology & applications. Its a better decision making solution and communication made creators more confident to represent themselves.

Course Instructor

Dr. L Prasanna Kumar,
Prof., EEE

Benefitted Students

II B.Tech. Civil & EEE

Date: 18/6/2018– 24/6/2018

(Twice a Week)

Venue: Lab-5 (II-Floor)

Department of Electrical & Electronics Engineering

INTERNET OF THINGS (IoT) COURSE

Course Instructor:

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

Duration:

6 Weeks: 18/6/2018 to 24/6/2018
(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

Dadi Institute of Engineering & Technology, Anakapalle

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





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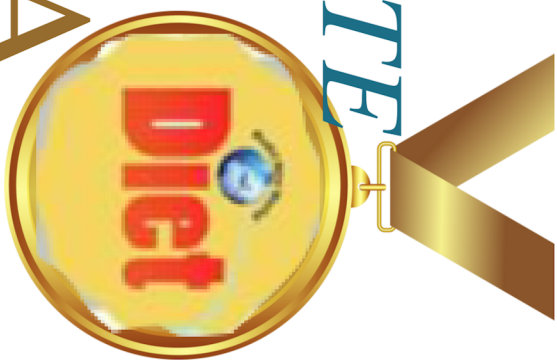
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COURSE COMPLETION CERTIFICATE

This Certificate is given to

KAILINGA LAVANYA



For the successful completion of 6-week course on INTERNET OF THINGS (IoT) from 18-06-2018 to 28-07-2018

Dr. I Prasanna Kumar
Course Instructor

Dr. Ch S Naga Prasad
Principal

Sri Dadi Ratnakar
Chairman





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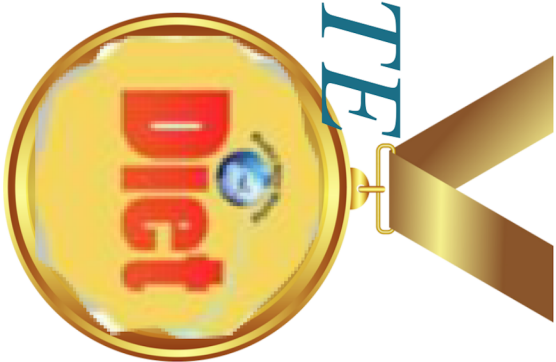
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KASIRAJU SRINIVAS



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Course Instructor

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Principal

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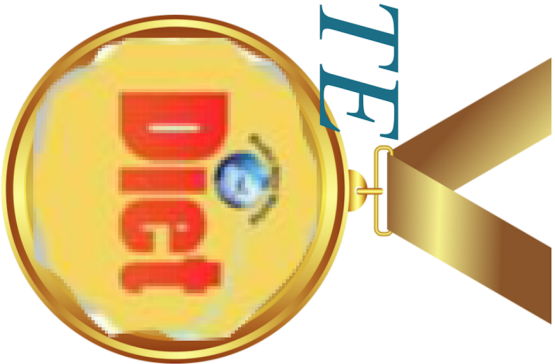
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COURSE COMPLETION CERTIFICATE

This Certificate is given to

BODI MEGHANA



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Dr. I Prasanna Kumar
Course Instructor

Dr. Ch S Naga Prasad
Principal

Sri Dadi Ratnakar
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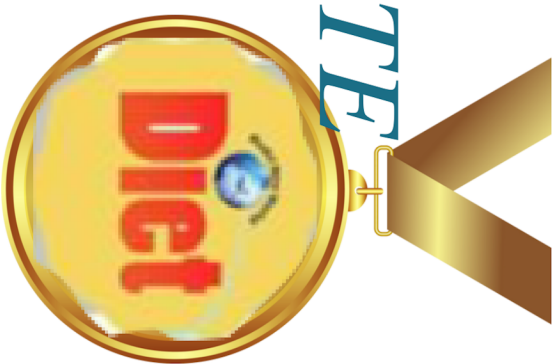
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ADADA JYOSHNA



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Course Instructor

Dr. Ch S Naga Prasad

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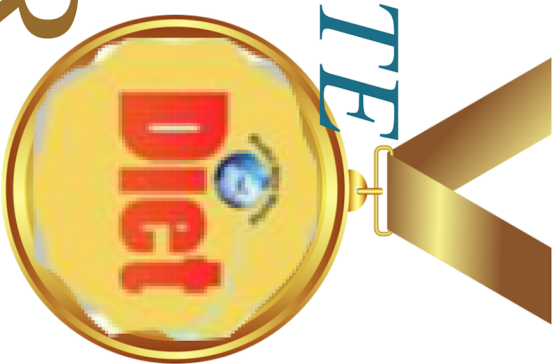
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COURSE COMPLETION CERTIFICATE

This Certificate is given to

TAILARI TEJESWAR



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Course Instructor

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Principal

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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

Date/Duration: 18/6/2018 to 28/7/2018 (4 weeks) Instructor/Coordinator: Dr. L. Prashanna Kumar

- | | | | | | |
|---|---|---|-----|-----|-----|
| 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

Good
Excellent
Real time
Teaching
Good.

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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Dear Candidate,

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Title of the Activity: Internet of things

Date/Duration: 18/6/18 - 28/7/18 Instructor/Coordinator: Dr. L. Prashanna Kumar

- | | | | | | |
|---|---|---|-----|-----|-----|
| 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

→ good explanation.
→ Interactive Session.

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