



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:- 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.

Date: 14-06-2016 - 24-06-2016

Venue: Lab - 5 (II-Floor)

Benefitted Students
III B.Tech. EEE

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

Student Attendance Sheet - Internet of Things Addon Course

S.N	Roll No	Name of the Student	14/6/2016	15/6/2016	16/6/2016	17/6/2016	18/6/2016	20/6/2016	21/6/2016	22/6/2016	23/6/2016	24/6/2016
1	14HN1A0213	P RAJEE	P RAJEE	P RAJEE	P RAJEE	P RAJEE	P RAJEE	P RAJEE	P RAJEE	P RAJEE	P RAJEE	P RAJEE
2	14U1A0201	A Sri hari	A Sri hari	A Sri hari	A Sri hari	A Sri hari	A Sri hari	A Sri hari	A Sri hari	A Sri hari	A Sri hari	A Sri hari
3	14U1A0202	D Pradeep Reddy	D Pradeep Reddy	D Pradeep Reddy	D Pradeep Reddy	D Pradeep Reddy	D Pradeep Reddy	D Pradeep Reddy	D Pradeep Reddy	D Pradeep Reddy	D Pradeep Reddy	D Pradeep Reddy
4	14U1A0203	E Ravi Teja	E Ravi Teja	E Ravi Teja	E Ravi Teja	E Ravi Teja	E Ravi Teja	E Ravi Teja	E Ravi Teja	E Ravi Teja	E Ravi Teja	E Ravi Teja
5	14U1A0204	G Rama Krishna	G Rama Krishna	G Rama Krishna	G Rama Krishna	G Rama Krishna	G Rama Krishna	G Rama Krishna	G Rama Krishna	G Rama Krishna	G Rama Krishna	G Rama Krishna
6	14U1A0205	G Manoj Kumar	G Manoj Kumar	G Manoj Kumar	G Manoj Kumar	G Manoj Kumar	G Manoj Kumar	G Manoj Kumar	G Manoj Kumar	G Manoj Kumar	G Manoj Kumar	G Manoj Kumar
7	14U1A0206	K V S Abhilash	K V S Abhilash	K V S Abhilash	K V S Abhilash	K V S Abhilash	K V S Abhilash	K V S Abhilash	K V S Abhilash	K V S Abhilash	K V S Abhilash	K V S Abhilash
8	14U1A0207	M Vinod Kumar	M Vinod Kumar	M Vinod Kumar	M Vinod Kumar	M Vinod Kumar	M Vinod Kumar	M Vinod Kumar	M Vinod Kumar	M Vinod Kumar	M Vinod Kumar	M Vinod Kumar
9	14U1A0208	M Ganeshji	M Ganeshji	M Ganeshji	M Ganeshji	M Ganeshji	M Ganeshji	M Ganeshji	M Ganeshji	M Ganeshji	M Ganeshji	M Ganeshji
10	14U1A0209	M Indravadhi	M Indravadhi	M Indravadhi	M Indravadhi	M Indravadhi	M Indravadhi	M Indravadhi	M Indravadhi	M Indravadhi	M Indravadhi	M Indravadhi
11	14U1A0211	P Likhitha	P Likhitha	P Likhitha	P Likhitha	P Likhitha	P Likhitha	P Likhitha	P Likhitha	P Likhitha	P Likhitha	P Likhitha
12	14U1A0212	S Dharti Divya Sri	S Dharti Divya Sri	S Dharti Divya Sri	S Dharti Divya Sri	S Dharti Divya Sri	S Dharti Divya Sri	S Dharti Divya Sri	S Dharti Divya Sri	S Dharti Divya Sri	S Dharti Divya Sri	S Dharti Divya Sri
13	14U1A0213	S Nishant	S Nishant	S Nishant	S Nishant	S Nishant	S Nishant	S Nishant	S Nishant	S Nishant	S Nishant	S Nishant
14	14U1A0214	S Venkat satish	S Venkat satish	S Venkat satish	S Venkat satish	S Venkat satish	S Venkat satish	S Venkat satish	S Venkat satish	S Venkat satish	S Venkat satish	S Venkat satish
15	14U1A0215	S Uday Kumar	S Uday Kumar	S Uday Kumar	S Uday Kumar	S Uday Kumar	S Uday Kumar	S Uday Kumar	S Uday Kumar	S Uday Kumar	S Uday Kumar	S Uday Kumar
16	14U1A0216	S Sai Rohit	S Sai Rohit	S Sai Rohit	S Sai Rohit	S Sai Rohit	S Sai Rohit	S Sai Rohit	S Sai Rohit	S Sai Rohit	S Sai Rohit	S Sai Rohit
17	14U1A0217	S Sai Raghav	S Sai Raghav	S Sai Raghav	S Sai Raghav	S Sai Raghav	S Sai Raghav	S Sai Raghav	S Sai Raghav	S Sai Raghav	S Sai Raghav	S Sai Raghav
18	14U1A0218	S Lakshman	S Lakshman	S Lakshman	S Lakshman	S Lakshman	S Lakshman	S Lakshman	S Lakshman	S Lakshman	S Lakshman	S Lakshman
19	15U45A0201	A Trinadh	A Trinadh	A Trinadh	A Trinadh	A Trinadh	A Trinadh	A Trinadh	A Trinadh	A Trinadh	A Trinadh	A Trinadh
20	15U45A0202	A Hanumanth	A Hanumanth	A Hanumanth	A Hanumanth	A Hanumanth	A Hanumanth	A Hanumanth	A Hanumanth	A Hanumanth	A Hanumanth	A Hanumanth
21	15U45A0203	A Jitendra Prasad	A Jitendra Prasad	A Jitendra Prasad	A Jitendra Prasad	A Jitendra Prasad	A Jitendra Prasad	A Jitendra Prasad	A Jitendra Prasad	A Jitendra Prasad	A Jitendra Prasad	A Jitendra Prasad
22	15U45A0204	A Narendra	A Narendra	A Narendra	A Narendra	A Narendra	A Narendra	A Narendra	A Narendra	A Narendra	A Narendra	A Narendra
23	15U45A0205	A Naganna	A Naganna	A Naganna	A Naganna	A Naganna	A Naganna	A Naganna	A Naganna	A Naganna	A Naganna	A Naganna
24	15U45A0206	B Murali	B Murali	B Murali	B Murali	B Murali	B Murali	B Murali	B Murali	B Murali	B Murali	B Murali
25	15U45A0207	B Bhargava	B Bhargava	B Bhargava	B Bhargava	B Bhargava	B Bhargava	B Bhargava	B Bhargava	B Bhargava	B Bhargava	B Bhargava
26	15U45A0208	B Jayawanthi Kumar	B Jayawanthi Kumar	B Jayawanthi Kumar	B Jayawanthi Kumar	B Jayawanthi Kumar	B Jayawanthi Kumar	B Jayawanthi Kumar	B Jayawanthi Kumar	B Jayawanthi Kumar	B Jayawanthi Kumar	B Jayawanthi Kumar
27	15U45A0209	C Vamsi Krishna	C Vamsi Krishna	C Vamsi Krishna	C Vamsi Krishna	C Vamsi Krishna	C Vamsi Krishna	C Vamsi Krishna	C Vamsi Krishna	C Vamsi Krishna	C Vamsi Krishna	C Vamsi Krishna
28	15U45A0210	C V S Anirudh	C V S Anirudh	C V S Anirudh	C V S Anirudh	C V S Anirudh	C V S Anirudh	C V S Anirudh	C V S Anirudh	C V S Anirudh	C V S Anirudh	C V S Anirudh
29	15U45A0211	D L V Sai Kiran	D L V Sai Kiran	D L V Sai Kiran	D L V Sai Kiran	D L V Sai Kiran	D L V Sai Kiran	D L V Sai Kiran	D L V Sai Kiran	D L V Sai Kiran	D L V Sai Kiran	D L V Sai Kiran
30	15U45A0212	D Manikanta	D Manikanta	D Manikanta	D Manikanta	D Manikanta	D Manikanta	D Manikanta	D Manikanta	D Manikanta	D Manikanta	D Manikanta
31	15U45A0213	E R Krishna	E R Krishna	E R Krishna	E R Krishna	E R Krishna	E R Krishna	E R Krishna	E R Krishna	E R Krishna	E R Krishna	E R Krishna
32	15U45A0214	G Doka	G Doka	G Doka	G Doka	G Doka	G Doka	G Doka	G Doka	G Doka	G Doka	G Doka
33	15U45A0215	Hanikrishna K	Hanikrishna K	Hanikrishna K	Hanikrishna K	Hanikrishna K	Hanikrishna K	Hanikrishna K	Hanikrishna K	Hanikrishna K	Hanikrishna K	Hanikrishna K
34	15U45A0216	J Ch W Kamarajey	J Ch W Kamarajey	J Ch W Kamarajey	J Ch W Kamarajey	J Ch W Kamarajey	J Ch W Kamarajey	J Ch W Kamarajey	J Ch W Kamarajey	J Ch W Kamarajey	J Ch W Kamarajey	J Ch W Kamarajey
35	15U45A0217	K Anvesha	K Anvesha	K Anvesha	K Anvesha	K Anvesha	K Anvesha	K Anvesha	K Anvesha	K Anvesha	K Anvesha	K Anvesha
36	15U45A0218	K S Raj Kumar	K S Raj Kumar	K S Raj Kumar	K S Raj Kumar	K S Raj Kumar	K S Raj Kumar	K S Raj Kumar	K S Raj Kumar	K S Raj Kumar	K S Raj Kumar	K S Raj Kumar
37	15U45A0219	K Raj Kumar	K Raj Kumar	K Raj Kumar	K Raj Kumar	K Raj Kumar	K Raj Kumar	K Raj Kumar	K Raj Kumar	K Raj Kumar	K Raj Kumar	K Raj Kumar
38	15U45A0220	L Jai Ram	L Jai Ram	L Jai Ram	L Jai Ram	L Jai Ram	L Jai Ram	L Jai Ram	L Jai Ram	L Jai Ram	L Jai Ram	L Jai Ram
39	15U45A0221	M Kiran Kumar Reddy	M Kiran Kumar Reddy	M Kiran Kumar Reddy	M Kiran Kumar Reddy	M Kiran Kumar Reddy	M Kiran Kumar Reddy	M Kiran Kumar Reddy	M Kiran Kumar Reddy	M Kiran Kumar Reddy	M Kiran Kumar Reddy	M Kiran Kumar Reddy
40	15U45A0222	M M Sotyanarayana	M M Sotyanarayana	M M Sotyanarayana	M M Sotyanarayana	M M Sotyanarayana	M M Sotyanarayana	M M Sotyanarayana	M M Sotyanarayana	M M Sotyanarayana	M M Sotyanarayana	M M Sotyanarayana





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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
Chairman





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Course Instructor

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 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 14-6-19-24-6-2024 Instructor/Coordinator: Dr. L. Prasadakumar

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

Take digital classes for better learning

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

Date Duration: 6w 14/6/16 - 24/6/16 Instructor/Coordinator: L. Prasadakumar

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

Covered the syllabus perfectly in time

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