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## **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY**

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

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](http://www.diet.edu.in), E-mail: [info@diet.edu.in](mailto:info@diet.edu.in)

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### **CIRCULAR**

Anakapalle

Dt: 25-09-2017

Department of Computer Science Engineering is hereby informed that, in view of the feedback received from Electrical & Electronics Engineering students regarding skill enhancement and to improve the expertise of students in C programming, HOD is advised to depute a faculty from CSE to design and develop a suitable course structure in line with the concepts of C Programming for II & III B.Tech EEE students with over 30 working hours. Please ensure that this Add-on course helps them to acquire the necessary skill set to match the industry needs in their professional career. Make arrangements to deliver the course from next week onwards.

**PRINCIPAL**



# Dadi Institute of Engineering & Technology

Approved by AICTE & Affiliated to JNTUK

An ISO 9001:2008, 14001:2004 & OHSAS 18001:2007 Certified Institute, NH-5,

NAAC Accredited Institute

Visakhapatnam, Andhra Pradesh



Organized by

Department of Electrical and Electronics Engineering

A Two Week

(2/10/2017-14/10/2017)

Training Program on

**"Programming Skills with c language"**

## 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 EEE Department

The Department of EEE was established in the year 2006. It offers B.Tech program, with an initial intake of 120. It also offers M.Tech program in Power & Industrial drives with an intake of 36. The department has good infrastructural facilities and has full-fledged laboratories equipped with adequate hardware and software. The faculty members are actively involved in research and are publishing papers in reputed national and international journals/conferences.

## About the course

Students will be able to learn the variables, data types and operators in C, file handling and command line arguments, arrays and character arrays in C, pointers and linked lists, string handling functions with real time problem solving methods.

**Course Instructor: Dr. L Prasanna Kumar, Professor, CSE Department**

# Department of Electrical & Electronics Engineering

## PROGRAMMING SKILLS WITH C LANGUAGE

### Course Instructor:

Dr. L Prasanna Kumar

Professor, CSE Department

Dadi Institute of Engineering & Technology

### Duration:

2 weeks: (02-10-17 to 14-10-17)

### Overview & Need of the Course:

Students will be able to learn the Variables, data types, and operators in C, File handling and command line arguments, Arrays and character array in Pointers and linked lists, String handling functions, Stacks and queues data structure in C language.

### Course Outcomes:

- Makes students gain a broad perspective about the uses of computers in engineering industry.
- Develops basic understanding of computers, the concept of algorithm and algorithmic thinking.
- Develops the ability to analyze a problem, develop an algorithm to solve it.
- Develops the use of the C programming language to implement various algorithms, and develops the basic concepts and terminology of programming in general.
- Introduces the more advanced features of the C language.

### Requirements

- ❖ Basic Knowledge of Programming
- ❖ Basic computer knowledge.

## **Course Contents**

### Chapter 1:

- Variables
- Data types
- Operators in C

### Chapter 2:

- File handling
- Command line arguments

### Chapter 3:

- Arrays
- Character array
- Pointers and linked lists

### Chapter 4:

- Stacks
- Queues
- Data structure in C language.







Table with columns for ID, Name, and multiple columns of names/initials. The table contains 175 rows and 13 columns. The first column lists IDs from 127 to 169. The second column lists names. The remaining 11 columns list various names and initials, likely representing different categories or groups.



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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
IV Year - I SEMESTER  
L T P C  
0 0 3 2

**HADOOP & BIGDATA LAB**  
List of Experiments - R13

- 1. Implement the following Data structures in Java  
a) Linked Lists b) Stacks c) Queues d) Set e) Map
- 2. (i) Perform setting up and installing Hadoop in its three operating modes: Standalone, Pseudo distributed, Fully distributed.  
(ii) Use web based tools to monitor your Hadoop setup.
- 3. Implement the following file management tasks in Hadoop:
  - Adding files and directories
  - Retrieving files
  - Deleting files

Hint: A typical Hadoop workflow is to copy data from one location to another and process it into Hadoop file formats.

- 4. Run a basic Word Count Map Reduce program.
- 5. Write a Map Reduce program to analyze weather sensors collecting data from a globe gather a large volume of data and analyze it with Map Reduce.
- 6. Implement Matrix Mul using Map Reduce.
- 7. Install and Run Pig then create a project, and filter your data.
- 8. Install and Run Hive then create a table, views, functions, and queries.

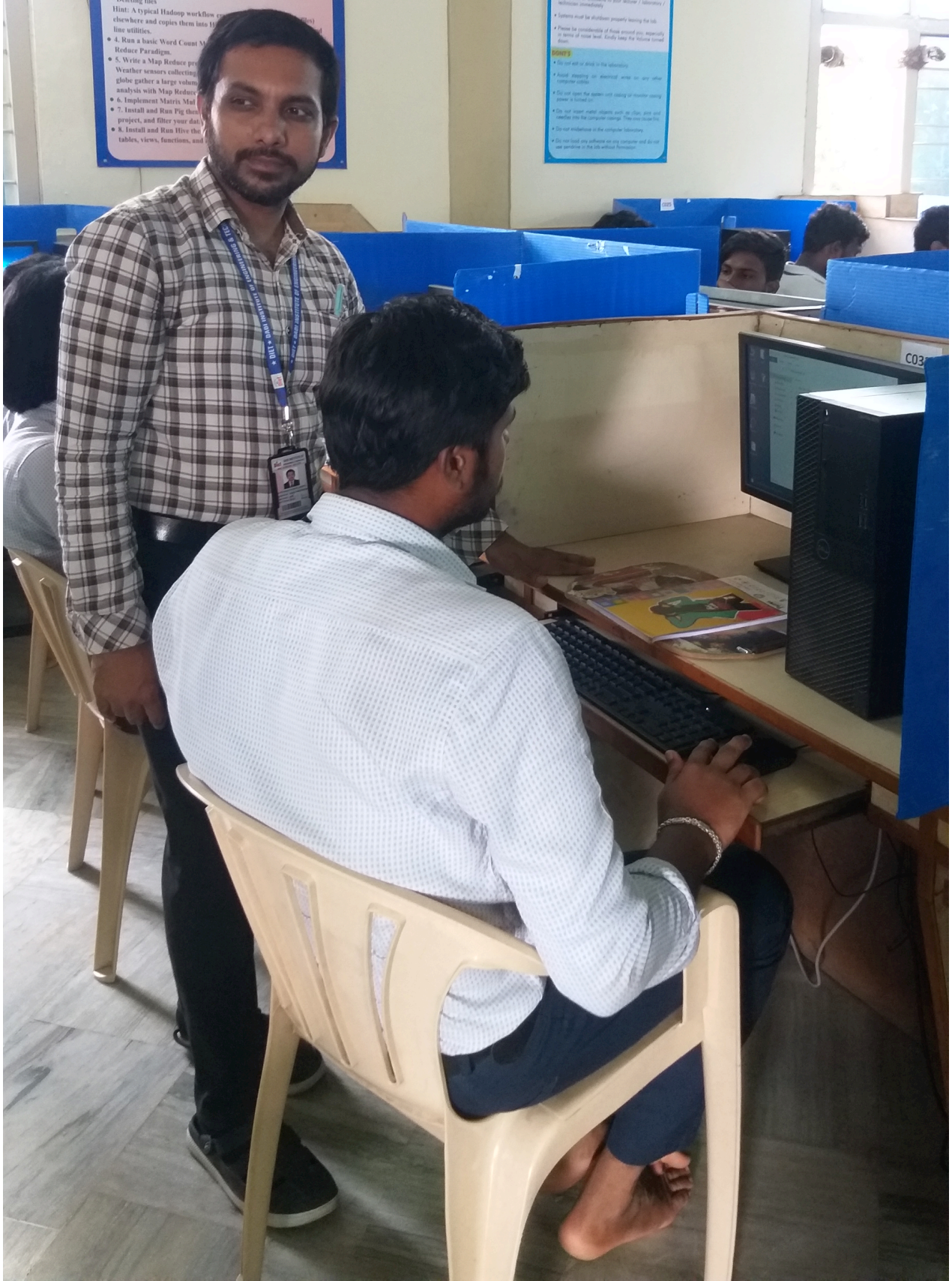
**DADI INSTITUTE OF ENGINEERING & TECHNOLOGY**  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
**OPERATING SYSTEM LAB (R13)**  
LABORATORY PRACTICE

**TOPICS**

- Read and understand how to copy and use utility thoroughly before using in the laboratory.
- Report any broken plug or exposed electrical wires to your instructor immediately.
- Know the location of the fire extinguisher and the fire and how to use them in case of an emergency.
- Report fire or accidents to your lecturer / laboratory / maintenance immediately.
- Systems must be shutdown properly leaving the lab.

**NOTES**

- Do not drink or eat in the laboratory.
- Avoid smoking or electrical wires or any other computer cables.
- Do not open the system unit during or monitor using power or internet.
- Do not insert metal objects such as clips, pins and needles into the computer casing. This may cause fire.
- Do not introduce in the computer laboratory.
- Do not load any software on any computer and do not use peripherals in the lab without permission.





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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

**D SAI KUMAR**



For the successful completion of 2-week course on Programming skills with C-language from 02/10/2017 – 14/10/2017

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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Course Instructor

Dr. Ch Prabhakara Rao  
Principal

Mr. Dadi Ratnakar  
Chairman





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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

# LAGGUDU NARESH



For the successful completion of 2-week course on Programming skills with C-language from 02/10/2017 – 14/10/2017

Dr. L. Prasanna Kumar  
Course Instructor

Dr. Ch Prabhakara Rao  
Principal

Mr. Dadi Ratnakar  
Chairman





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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

**DADILAVANNA**



For the successful completion of 2-week course on Programming skills with C-language from 02/10/2017 – 14/10/2017

Dr. L. Prasanna Kumar  
Course Instructor

Dr. Ch Prabhakara Rao  
Principal

Mr. Dadi Ratnakar  
Chairman



# DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE & Permanently Affiliated to DITUM, Kannada  
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: Programming Skills with C-language

Date/Duration: 2w 2/10/19-14/10/19 Instructor/Coordinator: Dr. L. Prasanna Kumar

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

Feedback Suggestion

Learned the basic concepts of C-in less period of time

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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## 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: programming skills with C-language

Date/Duration: 2w 2/10/17-4/10/17 Instructor/Coordinator: Dr. L. Prasanna Kumar

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

Feedback Suggestions

Learned the more subject.

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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### **CIRCULAR**

Anakapalle

Dt:- 8-1-2018

Department of Electrical & Electronics Engineering is hereby informed that, in view of the feedback received from III B.Tech. EEE students regarding skill enhancement and to improve the expertise of students to DESIGN OF POWER CONVERTERS USING SOFTWARE TOOLS, HOD is advised to depute a faculty from EEE to design the empirical formula for determining the system voltage and develop a suitable course structure in line with basic concepts of power utilization to III B.Tech. EEE students with over 30 working hours. Please ensure that this Add-on course helps them to understand the power circuits. Make arrangements to deliver the course from next week onwards.

**PRINCIPAL**

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**Dadi Institute of Engineering & Technology, Anakapalle**



# Dadi Institute of Engineering & Technology

Approved by AICTE & Permanently Affiliated to JNTUK



NAAC Accredited Institute

Visakhapatnam, Andhra Pradesh

## A Five Day Training Program on

# DESIGN OF POWER CONVERTERS USING SOFTWARE TOOLS

### About the Institute

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Engineering, Technology and Management. It strives to promote the highest standards among the students and enable them to build a New World.

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**Course Instructor**  
**Mr. K Vijay Kumar,**  
**Assoc. Prof., EEE**

**Benefitted Students**  
**III & IV B.Tech. EEE**

### About the Course

Students will be able to learn the power utilization which includes a device that consumes energy constituting the current, such as a battery or a generator; devices that use current, such as lamps, electric motors, or computers. It is useful to learn and follow the rules to save the energy.

**Date: 23/1/2018– 27/1/2018**  
**Venue: Lab-5 (II-Floor)**

# Department of Electrical & Electronics Engineering

## DESIGN OF POWER CONVERTERS USING SOFTWARE TOOLS

### Course Instructor:

Mr. K Vijay Kumar,

Assoc. Prof., EEE

Dadi Institute of Engineering & Technology

### Duration:

5 Days: 23/1/2018 to 27/1/2018

### Overview & Need for the Course:

Students will be able to learn the power circuits which includes a device that gives energy to the charged particles constituting the current, such as a battery or a generator; devices that use current, such as lamps, electric motors, or computers; and the connecting wires or transmission lines.

### Course Objectives:

- To Design the empirical formula for determining the system voltage
- Supply system based on the conductor material required for overhead lines and underground cables
- Need to transmission lines and distribution lines
- Types of transmission line conductors

## Course Outcomes:

- To Learn the fundamental of MATLAB & PSPICE Tools
- To generate various waveform signals and sequences
- To verify and simulate various transmission lines and distribution lines
- To verify and simulate various theorems
- To determine system voltage.

## Requirements

- ❖ Basic Knowledge of Electrical system
- ❖ Basic Knowledge of circuit Theory
- ❖ Basic computer knowledge.

## Course Contents

- Chap1. Generation of various signals and sequences, such as unit Impulse, Step, etc.
- Chap2. Operations on signals and sequences such as Addition Multiplication,
- Chap3. Verification of Kirchhoff's current law and Voltage law using simulation tools.
- Chap4. Determination of electrical parameters
1. Form factor,
  2. Peak factor
- Chap5. Transmission Lines
1. Need of Transmission and distribution lines
  2. Effects of supply frequency and voltage on transmission line

# Student Attendance Sheet - Design of Power Converters Addon Course

S N	Roll No	Name of the Student	23/1/2018	24/1/2018	25/1/2018	26/1/2018	27/1/2018
1	14U41A0201	A Sri hari	A. Sri. hari	A. Sri. hari	A. Sri. hari	A. Sri. hari	A. Sri. hari
2	14U41A0202	D Pradeep Reddy	D.P. Reddy	D.P. Reddy	D.P. Reddy	D.P. Reddy	D.P. Reddy
3	14U41A0203	E Ravi Teja	Ravi Teja	Ravi Teja	Ravi Teja	Ravi Teja	Ravi Teja
4	14U41A0204	G Rama Krishna	G. Rama	G. Rama	G. Rama	G. Rama	G. Rama
5	14U41A0205	G Manoj Kumar	G. Manoj	G. Manoj	G. Manoj	AB	G. Manoj
6	14U41A0206	K V S B Akhil	akhil	akhil	akhil	akhil	akhil
7	14U41A0207	M Vinod Kumar	m. kumar	m. kumar	m. kumar	m. kumar	m. kumar
8	14U41A0208	M Gandhiji	M. Gandhiji	M. Gandhiji	M. Gandhiji	M. Gandhiji	M. Gandhiji
9	14U41A0209	M Indravathi	M. Indira	M. Indira	AB	M. Indira	M. Indira
10	14U41A0211	P Likhitha	p. likhitha	p. likhitha	p. likhitha	p. likhitha	p. likhitha
11	14U41A0212	S Dhati Divya Sri	S. Sri.	S. Sri.	S. Sri.	S. Sri.	S. Sri.
12	14U41A0213	S Nishant	S. Nishant	S. Nishant	S. Nishant	S. Nishant	S. Nishant
13	14U41A0214	S Venkat satish	S. Sathish	S. Sathish	S. Sathish	S. Sathish	S. Sathish
14	14U41A0215	S Uday Kumar	S. Uday	S. Uday	S. Uday	S. Uday	S. Uday
15	14U41A0216	S Sai Rohit	S. Sai	S. Sai	S. Sai	S. Sai	S. Sai
16	14U41A0217	S Sai Raghu	S. Raghu	S. Raghu	AB	S. Raghu	S. Raghu
17	14U41A0218	U Lakshman	U. lakshman	U. lakshman	U. lakshman	U. lakshman	U. lakshman
18	15U45A0201	A Trinadh	A. Trinadh	A. Trinadh	A. Trinadh	A. Trinadh	A. Trinadh
19	15U45A0202	A Hanumanth	A. Hanuma	A. Hanuma	A. Hanuma	A. Hanuma	A. Hanuma
20	15U45A0203	A Jitendra Prasad	A. Prasad	A. Prasad	A. Prasad	A. Prasad	A. Prasad
21	15U45A0204	A Narendra	A. Narendra	A. Narendra	A. Narendra	A. Narendra	A. Narendra
22	15U45A0205	A Naganna	A. Naganna	A. Naganna	A. Naganna	A. Naganna	A. Naganna
23	15U45A0206	B Murali	B. murali	B. murali	B. murali	B. murali	B. murali
24	15U45A0207	B Bhargav	B. bhargav	B. bhargav	B. bhargav	B. bhargav	B. bhargav
25	15U45A0208	B Jaswanth Kumar	AB	B. J. Kumar	B. J. Kumar	B. J. Kumar	B. J. Kumar
26	15U45A0209	C vamsi krishna	C. Vamsi	C. Vamsi	C. Vamsi	C. Vamsi	C. Vamsi
27	15U45A0210	CVS Anirudh	C. Anirudh	C. Anirudh	C. Anirudh	C. Anirudh	C. Anirudh
28	15U45A0211	DLV Sai Kiran	DLV Sai	DLV Sai	DLV Sai	DLV Sai	DLV Sai
29	15U45A0212	D Manikanta	D. manikanta	D. manikanta	D. manikanta	D. manikanta	D. manikanta
30	15U45A0213	E R Krishna	E. Krishna	E. Krishna	E. Krishna	E. Krishna	E. Krishna
31	15U45A0214	G Ooha	G. ooha	G. ooha	G. ooha	G. ooha	G. ooha
32	15U45A0215	Harikrishna K	Harikrishna	Harikrishna	Harikrishna	Harikrishna	Harikrishna

33	15U45A0216	J Ch V Kamaraju	J. Kamaraju	J. Kamaraju	J. Kamaraju	J. Kamaraju	J. Kamaraju
34	15U45A0217	K Aneesha	K.Aneesha	K.Aneesha	K.Aneesha	AB	K.Aneesha
35	15U45A0218	K S Raj Kumar	K.S.Raj	K.S.Raj	K.S.Raj	K.S.Raj	K.S.Raj
36	15U45A0219	K Raj Kumar	K.Kumar	K.Kumar	K.Kumar	K.Kumar	K.Kumar
37	15U45A0220	L Jai Ram	L.Jairam	L.Jairam	L.Jairam	L.Jairam	L.Jairam
38	15U45A0221	M kiran Kumar Reddy	M.Kiran	M.Kiran	M.Kiran	M.Kiran	M.Kiran
39	15U45A0222	M M Satyanarayana	M.Satyana	M.Satyana	M.Satyana	M.Satyana	M.Satyana
40	15U45A0223	M Sowjanya	M.Sowjanya	M.Sowjanya	AB	M.Sowjanya	M.Sowjanya
41	15U45A0224	M Tarun	m.Tarun	m.Tarun	m.Tarun	m.Tarun	m.Tarun
42	15U45A0225	M Venkatesh	M.Venkatesh	M.Venkatesh	M.Venkatesh	M.Venkatesh	M.Venkatesh
43	15U45A0226	N surya Kumar Yadav	N.Surya	N.Surya	N.Surya	N.Surya	N.Surya
44	15U45A0227	N Lakshman rao	N.L.Rao	N.L.Rao	N.L.Rao	N.L.Rao	N.L.Rao
45	15U45A0228	P Prameela devi	P.Devi	P.Devi	P.Devi	P.Devi	P.Devi
46	15U45A0229	P K Vinay Kumar	P.Kumar	P.Kumar	P.Kumar	P.Kumar	P.Kumar
47	15U45A0230	P Tulasi rao	P.Tulasi	P.Tulasi	P.Tulasi	P.Tulasi	P.Tulasi
48	15U45A0231	Shaikh Ansar	S.Ansar	S.Ansar	AB	S.Ansar	S.Ansar
49	15U45A0232	S Anusha	S.Anusha	S.Anusha	S.Anusha	S.Anusha	S.Anusha
50	15U45A0233	T Sai Ram	T.Sai Ram	T.Sai Ram	T.Sai Ram	T.Sai Ram	T.Sai Ram
51	15U45A0234	U Nanji	U.Nanji	U.Nanji	U.Nanji	U.Nanji	U.Nanji
52	15U45A0235	U Madhavi	U.Madhavi	U.Madhavi	U.Madhavi	U.Madhavi	U.Madhavi
53	15U45A0236	V S S V Ramadevi	V.Ramadevi	V.Ramadevi	V.Ramadevi	V.Ramadevi	V.Ramadevi
54	15U45A0237	V Naga Bhaskar	V.Bhaskar	AB	V.Bhaskar	V.Bhaskar	V.Bhaskar
55	15U45A0238	V Krishna	V.Krishna	V.Krishna	V.Krishna	V.Krishna	V.Krishna
56	15U45A0239	A Balaji	A.Balaji	A.Balaji	A.Balaji	A.Balaji	A.Balaji
57	15U45A0240	D J Brahmaya	D.Brahmayya	D.Brahmayya	D.Brahmayya	D.Brahmayya	D.Brahmayya
58	15U45A0241	I Nageswar Rao	I.Nagesh	I.Nagesh	I.Nagesh	I.Nagesh	I.Nagesh
59	15U45A0242	K Santosh Kumar	K.Kumar	K.Kumar	K.Kumar	K.Kumar	K.Kumar
60	15U45A0243	M Ravi	M.Ravi	M.Ravi	M.Ravi	M.Ravi	M.Ravi
61	15U45A0244	M Veena	M.Veena	M.Veena	M.Veena	M.Veena	M.Veena
62	15U45A0246	R Surya Narayana	R.Surya	M.Surya	M.Surya	AB	M.Surya
63	15U45A0248	M Srinu	M.Srinu	M.Srinu	M.Srinu	M.Srinu	M.Srinu
64	15U45A0249	G Naga Raju	G.Raju	G.Raju	G.Raju	G.Raju	G.Raju
65	15U45A0250	S Satya Sai	S.Sai	S.Sai	S.Sai	S.Sai	S.Sai
66	15U45A0251	A Hari Babu	A.Haribabu	A.Haribabu	A.Haribabu	A.Haribabu	A.Haribabu
67	15U45A0252	M Nanaji	M.Nanaji	M.Nanaji	M.Nanaji	M.Nanaji	M.Nanaji





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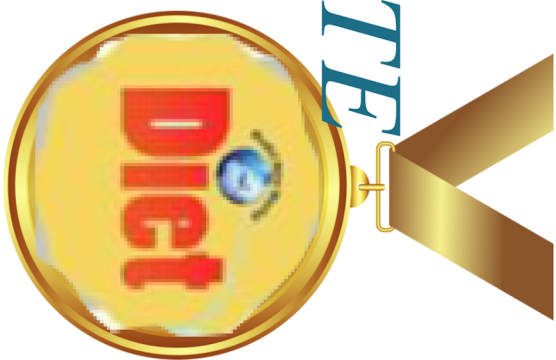
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Mobile: +91 9963981111, Website: [www.diet.edu.in](http://www.diet.edu.in), E-mail: [info@diet.edu.in](mailto:info@diet.edu.in)

## COURSE COMPLETION CERTIFICATE

This Certificate is given to

**ADARI LOKESH**



For the successful completion of 5-Days course on Design of power converters  
using software tools from 23/01/2018 – 27/01/2018

Mr. K. Vijay Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
Chairman





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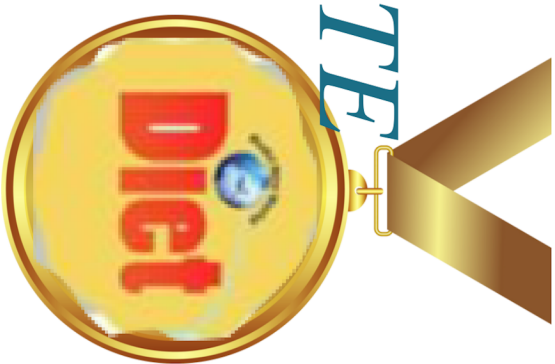
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This Certificate is given to

**AMUJURI NANI**



For the successful completion of 5-Days course on Design of power converters  
using software tools from 23/01/2018 – 27/01/2018

Mr. K. Vijay Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
Chairman







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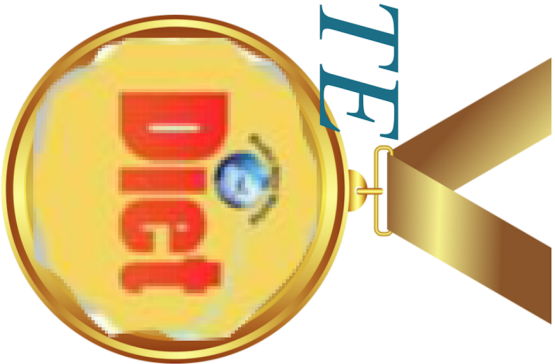
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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

**GORIVILLI DIVYA**



For the successful completion of 5-Days course on Design of power converters  
using software tools from 23/01/2018 – 27/01/2018

Mr. K. Vijay Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
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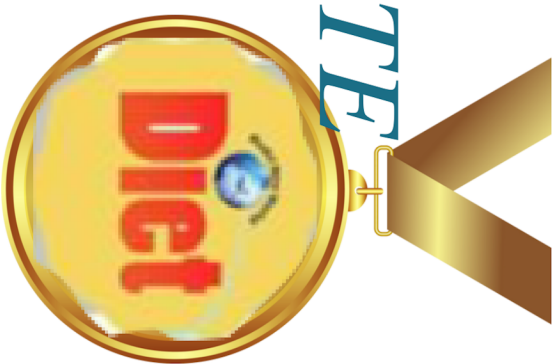
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This Certificate is given to

**GURRALA SRINU**



For the successful completion of 5-Days course on Design of power converters  
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Mr. K. Vijay Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
Chairman





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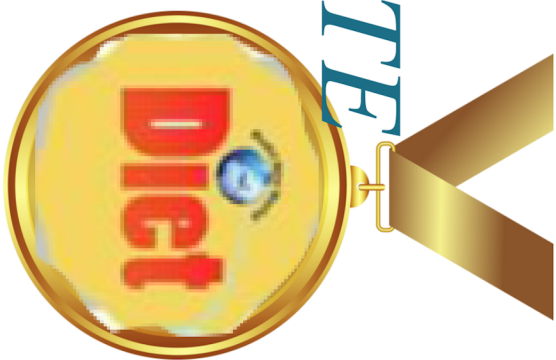
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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

**NAILLA MADHURI**



For the successful completion of 5-Days course on Design of power converters  
using software tools from 23/01/2018 – 27/01/2018

Mr. K. Vijay Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
Chairman





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: Design of Power Converters using Software tool.

Date/Duration: 5/2 (23-01-18-27/01/18) Instructor/Coordinator: K. Vijay Kumar

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

Feedback/Suggestions

Good Explanation.

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



STUDENT FEEDBACK FORM

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

Feedback/Suggestions

Need more duration

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 & 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](http://www.diet.edu.in), E-mail: [info@diet.edu.in](mailto:info@diet.edu.in)

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## **CIRCULAR**

Anakapalle

Dt: 1-11-2017

Department of Electrical & Electronics Engineering is hereby informed that, in view of the feedback received from II & III B.Tech. EEE students regarding skill enhancement and to improve the expertise of students in ENERGY AUDIT, CONSERVATION & MANAGEMENT, HOD is advised to depute a faculty from EEE to design and develop a suitable course structure in line with basic concepts of power utilization to II & III B.Tech. EEE students with over 30 working hours. Please ensure that this Add-on course helps them to understand the principles of energy audit as well as management for industries and utilities and buildings. Make arrangements to deliver the course from next week onwards.

**PRINCIPAL**

# Dadi Institute of Engineering & Technology

Approved by AICTE & Affiliated to JNTUK



NAAC Accredited Institute  
Visakhapatnam, Andhra Pradesh

## A Two Week Training Program on

# ENERGY AUDIT, CONSERVATION & MANAGEMENT

### 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 academican and former Minister as the first multicultural and co- educational college in Anakapalle which admits only academically promising students.

### Course Instructor

Mr. Ch. Ravi Kumar,

Assoc. Prof., BBE

### About the Course

Students will be able to learn the power utilization which includes a device that consumes energy constituting the current, such as a battery or a generator; devices that use current, such as lamps, electric motors, or computers. It is useful to learn and follow the rules to save the energy.

### Benefitted Students

II & III B.Tech. EEE

**Date:** 09-11-2017 to 21-11-2017

**Venue:** LH-32 (IV-Floor)

# DEPARTMENT OF ELECTRICAL & ELECTRONICS

## ENERGY AUDIT, CONSERVATION & MANAGEMENT

### **Course Instructor:**

Mr. Ch. Ravi Kumar

Assistant Professor, EEE Department  
Dadi Institute of Engineering & Technology

### **Duration:**

Two weeks: 09-11-2017 to 21-11-2017

### **Overview & Need of the Course:**

Students will be able to learn the power utilization which includes a device that consumes energy constituting the current, such as a battery or a generator; devices that use current, such as lamps, electric motors, or computers. It is useful to learn and follow the rules to save the energy.

### **Course Objectives:**

- To learn principle of energy audit as well as management for industries and utilities and buildings
- To study the energy efficient motors and lighting.
- To learn power factor improvement methods and operation of different energy instruments.
- To compute depreciation methods of equipment for energy savings.

## **Course Outcomes:**

- Understand the principle of energy audit and their economic aspects
- Recommend energy efficient motors and design good lighting system.
- Understand advantages to improve the power factor.
- Evaluate the depreciation of equipment.

## **Requirements**

- ❖ Basic Knowledge of Electrical system
- ❖ Basic Knowledge of Circuit Theory
- ❖ Basic computer knowledge.

## **Course Contents**

- Chap1. Basic principles of Energy Audit
- Chap2. Energy Management
- Chap3. Energy efficient motors and lighting
- Chap4. Economic aspects and their computations





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51	17U45A0231	NANDARAPU ANANTH KUMAR	N.Ak	N.Ab	N.Ac	N.Ad	N.Ae	N.Af	N.Ag	N.Ah	N.Ai	N.Aj	N.Ak	N.Al
52	17U45A0232	OMMI MANESWARA RAO	M.Mk	M.Mb	M.Mc	M.Md	M.Me	M.Mf	M.Mg	M.Mh	M.Mi	M.Mj	M.Mk	M.Ml
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56	17U45A0236	PENTABOINA SUDHARSHAN	P.Sk	P.Sb	P.Sc	P.Sd	P.Se	P.Sf	P.Sg	P.Sh	P.Si	P.Sj	P.Sk	P.Sl
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59	17U45A0239	PUREDLA SRIHARIBABU	P.Sk	P.Sb	P.Sc	P.Sd	P.Se	P.Sf	P.Sg	P.Sh	P.Si	P.Sj	P.Sk	P.Sl
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65	17U45A0245	SRIKAKULAM MAHESH	S.Mk	S.Mb	S.Mc	S.Md	S.Me	S.Mf	S.Mg	S.Mh	S.Mi	S.Mj	S.Mk	S.Ml
66	17U45A0246	SURISSETTY LAVANYA	S.Lk	S.Lb	S.Lc	S.Ld	S.Le	S.Lf	S.Lg	S.Lh	S.Li	S.Lj	S.Lk	S.Ll
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68	17U45A0248	VEGI VENKATA SATYA SAI HARI HARAN	V.Vk	V.Vb	V.Vc	V.Vd	V.Ve	V.Vf	V.Vg	V.Vh	V.Vi	V.Vj	V.Vk	V.Vl
69	17U45A0249	YENNETI MEENA	Y.Mk	Y.Mb	Y.Mc	Y.Md	Y.Me	Y.Mf	Y.Mg	Y.Mh	Y.Mi	Y.Mj	Y.Mk	Y.Ml
70	17U45A0250	KANDREGULA KISHORE	K.Kk	K.Kb	K.Kc	K.Kd	K.Ke	K.Kf	K.Kg	K.Kh	K.Ki	K.Kj	K.Kk	K.Kl
71	17U45A0251	NANDARAPU NAIDU	N.Nk	N.Nb	N.Nc	N.Nd	N.Ne	N.Nf	N.Ng	N.Nh	N.Ni	N.Nj	N.Nk	N.Nl
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73	17U45A0253	AYTHI AVINASH YADAV	A.Yk	A.Yb	A.Yc	A.Yd	A.Ye	A.Yf	A.Yg	A.Yh	A.Yi	A.Yj	A.Yk	A.Yl
74	17U45A0254	PADALA GANGADHAR	P.Gk	P.Gb	P.Gc	P.Gd	P.Ge	P.Gf	P.Gg	P.Gh	P.Gi	P.Gj	P.Gk	P.Gl







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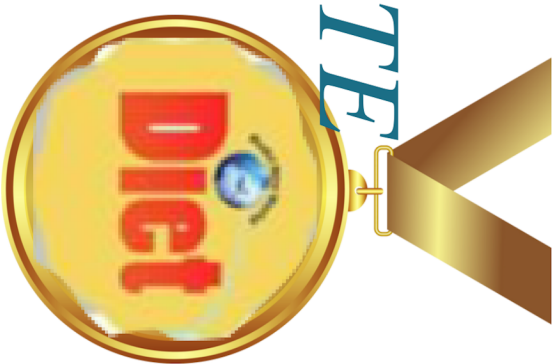
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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

**KARRI SIVA**



For the successful completion of 2-weeks course on Energy audit, conservation  
& management from 09/11/17 – 21/11/2017

Mr. Ch. Ravi Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
Chairman





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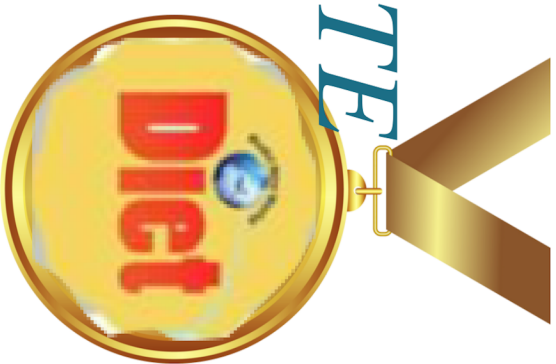
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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

# VEGI MOUNIKA



For the successful completion of 2-weeks course on Energy audit, conservation  
& management from 09/11/17 – 21/11/2017

Mr. Ch. Ravi Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
Chairman





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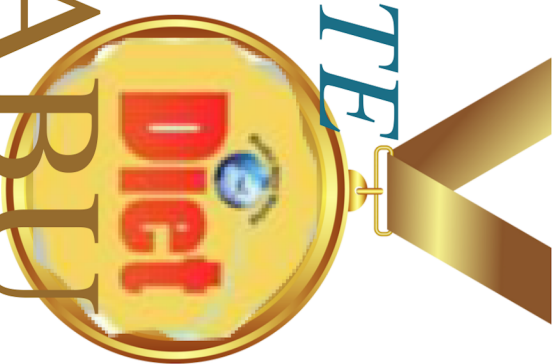
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This Certificate is given to

**SAGGORI SURENDRA BABU**



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& management from 09/11/17 – 21/11/2017

Mr. Ch. Ravi Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
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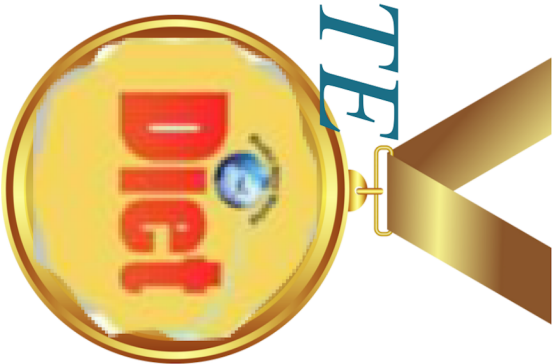
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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

**SAILADI CHARRAN**



For the successful completion of 2-weeks course on Energy audit, conservation  
& management from 09/11/17 – 21/11/2017

Mr. Ch. Ravi Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
Chairman







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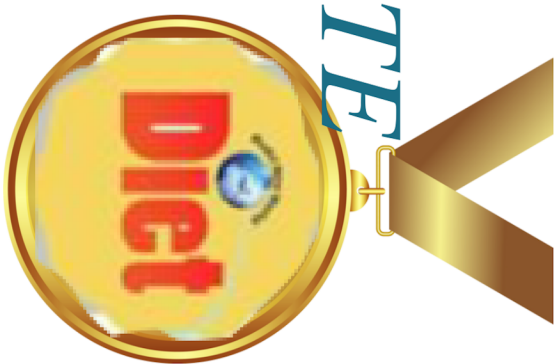
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Mobile: +91 9963981111, Website: [www.diet.edu.in](http://www.diet.edu.in), E-mail: [info@diet.edu.in](mailto:info@diet.edu.in)

## COURSE COMPLETION CERTIFICATE

This Certificate is given to

**GANJUGALA SIVA**



For the successful completion of 2-weeks course on Energy audit, conservation  
& management from 09/11/17 – 21/11/2017

Mr. Ch. Ravi Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
Chairman





# DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE & Affiliated to JNTUK, Kakinada

NAAC Accredited 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: Energy audit, Conservation & management.

Date/Duration: 20/09/17 - 21/10/17 Instructor/Coordinator: Ch. Ravi Kumar

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

Feedback/Suggestions

By this course, I came to know how to do the Energy audit,

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

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NAAC Accredited 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: Energy audit, conservation & management

Date/Duration: 20/09/17 - 21/10/17 Instructor/Coordinator: Ch. Ravi Kumar

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

Feedback/Suggestions

Explanation is important for this course to improve in this energy audit.

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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**CIRCULAR**

Anakapalle  
Dt: 16-10-2017

Department of Computer Science Engineering is hereby informed that, in view of the feedback received from Electrical & Electronics Engineering students regarding skill enhancement and to improve the expertise of students in JAVA programming, HOD is advised to depute a faculty from CSE to design and develop a suitable course structure in line with the concepts of JAVA Programming for II B.Tech EEE students with over 30 working hours. Please ensure that this Add-on course helps them to acquire the necessary skill set to match the industry needs in their professional career. Make arrangements to deliver the course from next week onwards.

**PRINCIPAL**

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**Dadi Institute of Engineering & Technology, Anakapalle**



# Dadi Institute of Engineering & Technology

Approved by AICTE & Affiliated to JNTUK

NAAC Accredited Institute & Inclusion under Section 2(f) & 12(B) of the UGC Act

Visakhapatnam, Andhra Pradesh

**A One Week Add On Course**

**By**

**Department of Electrical and Electronics Engineering**

**(23/10/2017 - 28/10/2017)**

## **Training Program on “Programming Skills with JAVA”**

### **Course Instructor:**

Mr. Ch. Dinesh

Assistant Professor, CSE Department

#### **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 academican and former Minister as the first multicultural and co-educational college in Anakapalle which admits only academically promising students.

#### **About EEE Department**

The Department of EEE was established in the year 2006. It offers B.Tech program, with an initial intake of 120. It also offers M.Tech program in Power & Industrial drives with an intake of 36. The department has good infrastructural facilities and has full-fledged laboratories equipped with adequate hardware and software. The faculty members are actively involved in research and are publishing papers in reputed national and

# **Department of Electrical and Electronics Engineering**

## **Add-on Course**

### **Programming with JAVA**

#### **Course Instructor:**

Mr. Ch. Dinesh  
Assistant Professor, CSE Department  
Dadi Institute of Engineering & Technology

#### **Duration:**

1week : (23-10-17 to 28-10-17)

#### **Overview & Need of the Course:**

Students will be able to learn the Goals, structures, and procedures for learning in ICS, Understand the fundamentals how a computer works. Figure out the algorithm to solve it, the write the code, basics of programming with a modern programming language, Java. Variables, Expressions, Looping, Branching, Exceptions, Methods/Subroutines Functions, Classes, Interfaces and Inheritance, Graphical User Interfaces

#### **Course Outcomes:**

- Understand the goals, structures, and procedures for learning in ICS
- Understand the fundamentals how a computer works.
- To learn how to take a problem, figure out the algorithm to solve it, the write the code.
- To learn basics of programming with a modern programming language, Java.
  - Variables
  - Expressions
  - Looping
  - Branching
  - Exceptions

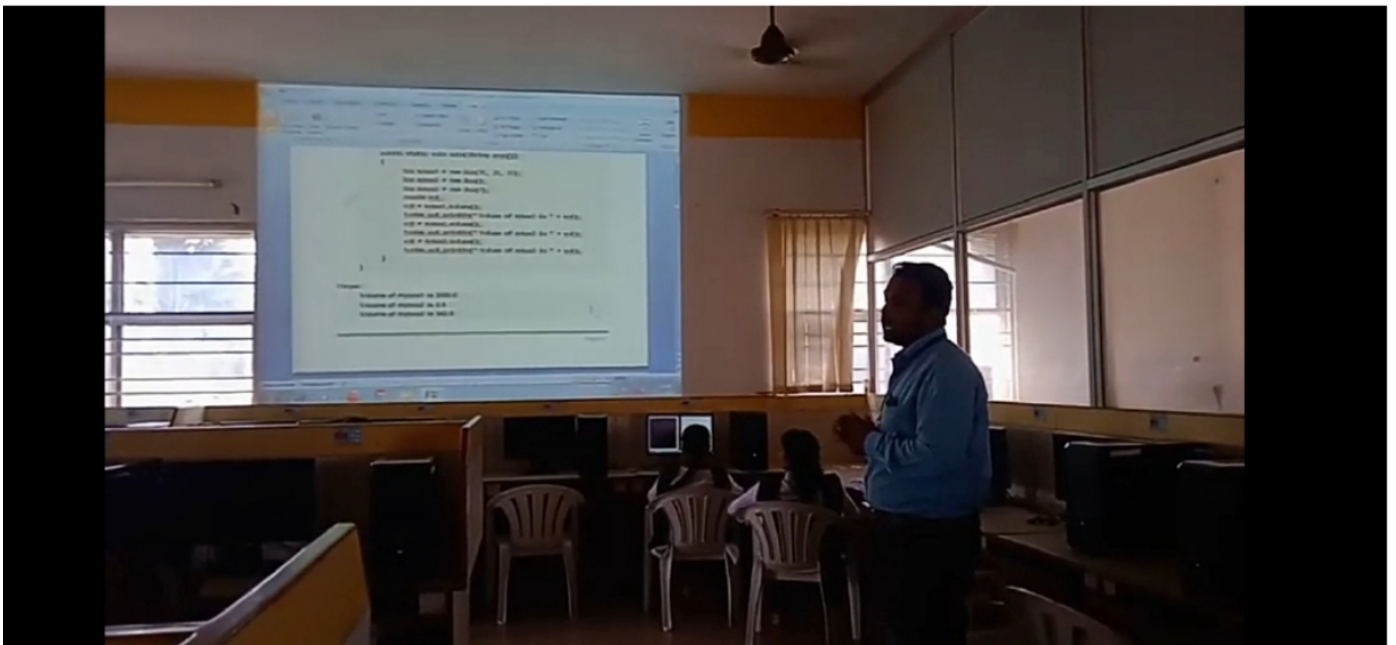
- Methods / Subroutines / Functions
- Classes, Interfaces and Inheritance
- Graphical User Interfaces
- Understand how to install and use a good Java development environment.
- To learn how to produce robust programs in Java using exception handling and extensive program testing.

## **Requirements**

- ❖ Basics Knowledge of C
  
- ❖ Basic computer knowledge.

## **CourseContents**

- Chap1. Goals, structures, and procedures for learning in ICS
- Chap2. Understand the fundamentals how a computer works.
- Chap3 Figure out the algorithm to solve it, the write the code, basics of programming with a modern programming language, Java.
- Chap4. Variables, Expressions, Looping, Branching, Exceptions, Methods/Subroutines Functions, Classes, Interfaces and Inheritance, Graphical User Interfaces



```
public static void main(String args[]) {
    int i=1;
    int sum=0;
    while(i<=10) {
        sum=sum+i;
        i++;
    }
    System.out.println("Sum of first 10 numbers is "+sum);
}
```



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Mobile: +91 9963981111, Website: [www.diet.edu.in](http://www.diet.edu.in), E-mail: [info@diet.edu.in](mailto:info@diet.edu.in)

## COURSE COMPLETION CERTIFICATE

This Certificate is given to

# PUDDI HARISH



For the successful completion of 1-week course on Programming skills with

JAVA from 23/10/2017 – 28/10/2017

Mr: Ch. Dinesh  
Course Instructor

Dr. Ch Prabhakara Rao  
Principal

Sri Dadi Ratnakar  
Chairman







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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

# PANASA JHANSI



For the successful completion of 1-week course on Programming skills with

JAVA from 23/10/2017 – 28/10/2017

Mr: Ch. Dinesh  
Course Instructor

Dr. Ch Prabhakara Rao  
Principal

Sri Dadi Ratnakar  
Chairman





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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

# RAHUL KUMAR



For the successful completion of 1-week course on Programming skills with

JAVA from 23/10/2017 – 28/10/2017

Mr: Ch. Dinesh  
Course Instructor

Dr. Ch Prabhakara Rao  
Principal

Sri Dadi Ratnakar  
Chairman





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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

# KARRI PEELSEA



For the successful completion of 1-week course on Programming skills with

JAVA from 23/10/2017 – 28/10/2017

Mr: Ch. Dinesh  
Course Instructor

Dr. Ch Prabhakara Rao  
Principal

Sri Dadi Ratnakar  
Chairman





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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

# YELLAPU VAMSI



For the successful completion of 1-week course on Programming skills with

JAVA from 23/10/2017 – 28/10/2017

Mr: Ch. Dinesh  
Course Instructor

Dr. Ch Prabhakara Rao  
Principal

Sri Dadi Ratnakar  
Chairman



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: Programming Skills with Java  
Date/Duration: (1w) (23-10-17, 28-10-17) Instructor/Coordinator: Ch. Dinesh

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

Improved  
My Basic  
Coding  
Skill.

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

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: Programming Skills with java  
Date/Duration: 1w (23/10/17 - 28/10/17) Instructor/Coordinator: Ch. dinesh

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

This course is  
Very helpful  
to programmi  
-ng purpose.

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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## **CIRCULAR**

Anakapalle

Dt: 09-11-2017

Department of Electronics & Communication Engineering is hereby informed that, in view of the feedback received from III B.Tech. students of ECE branch regarding skill enhancement and to improve the expertise of students in MATLAB, HOD is advised to depute a faculty from ECE to design and develop a suitable course structure in line with advanced topics of Signal processing using MATLAB for working on real time applications III B.Tech. students of ECE branch with over 30 working hours. Please ensure that this Add-on course helps them to understand the basic data operations in MATLAB & to develop basic projects on MatLab, in the signal processing domain. Make arrangements to deliver the course from next week onwards.

**PRINCIPAL**



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## Department of Electronics and Communication Engineering

Presents  
**A four Week Training  
Program**  
on

**“MatLab for Signal  
Processing”**

**13/11/2017 to 09/12/2017**

**Course Instructor**

**Mr. K Someshwar Rao**

**Assistant Professor, Department of ECE**

**Venue:**

**Computer Lab 8, 3<sup>rd</sup> Floor, DIET**



## 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 ECE Department

The Department of ECE was established in the year 2006. It offers B.Tech. Program with an initial intake of 120. It also offers M.Tech. Program in Systems and Signal Processing. The department has good infrastructural facilities with full fledged laboratories equipped with adequate hardware and software. The faculty members are actively involved in research and are publishing papers in reputed national and international journals/conferences.

## About the course

Students will be able to learn the MatLab and its Basic Tool box, Signal Processing Toolbox, which are useful to operate on the real-time Signaling projects. These Two of the basic Toolboxes that mathematically describe the performance of Systems.





# **Electronics and Communications Engineering**

## **MatLab for Signal Processing**

### **Course Instructor:**

Mr. k. Someshwar Rao  
Assistant Professor, ECE Department  
Dadi Institute of Engineering & Technology

### **Duration:**

4 Weeks: (13/11/2017 – 09/12/2017)

### **Overview & Need for the Course:**

Students are instructed to learn the basics of MatLab in this course. However they need to learn some advanced topics for working on real time applications. The course covers content required to develop basic projects on MatLab, in signal processing domain.

### **Course Objectives: To**

- Understand the basic data operations in MatLab
- Provide knowledge on built in commands.
- Develop the skill required to handle large amounts of data.
- make the student handling real time sensor data.

### **Course Outcomes:**

By the end of the course, the student will be able to

- Handle matrix operations.
- Generate and manipulate data as per the requirement.
- Develop real time projects using MatLab.

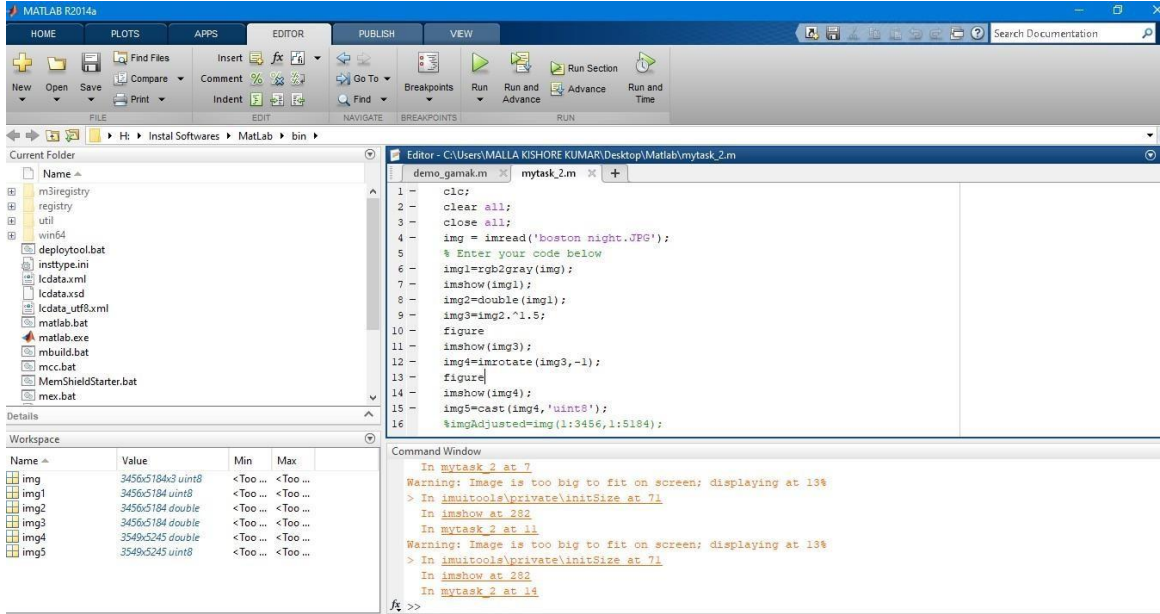
## **Requirement:**

- Basic Knowledge on C-Programming.
- A Computer with an Internet Connection.

## **Course Contents:**

1. Course overview
2. Command
3. MatLab desktop and editor
4. Vector and matrix
5. Indexing into and modifying arrays
6. Array calculations
7. Calling function
8. Obtaining help
9. Plotting data
10. Logical arrays
11. Introducing Signal Processing Tool Box
12. Introducing Image Processing Tool Box
13. Programming
14. Final project
15. Conclusion

# Classroom:



## LIST OF PARTICIPANTS

### ECE

S.NO	HT NO	NAME	SIGNATURE
1	15U41A0402	A.KALYAN SAI NARYANA	A. Kalyana
2	15U41A0403	ALLA LOCHAN NARAYANA	A. Narayana
3	15U41A0404	BANDARU LAXMIDEVI	B. Lakshmi
4	15U41A0405	CHELLARAPU MALATHI	C. Malathi
5	15U41A0406	CHITTILLA V S SOWMYA	Sowmya
6	15U41A0407	DHARMIREDDY ROHINI	D. Rohini
7	15U41A0408	DODDI SUGUNA	D. Suguna
8	15U41A0410	GONITHA JAGADEESH	G. JAGADEESH
9	15U41A0411	GORANTLA VAISHNAVI	G. Vaishnavi
10	15U41A0412	KADIMI KIRANMAYI	K. Kiranmayi
11	15U41A0413	KANDUBUKTHA KRISHNA VENI	K. Krishnaveni
12	15U41A0414	KANNURU REVATHI	K. Revathi
13	15U41A0415	KANUMURI SOWMYA	K. Sowmya
14	15U41A0416	KARRI RENUKA	K. Renuka
15	15U41A0417	KASIMKOTA VENKATA LAKSHMI DEVI	Lakshmi
16	15U41A0418	KODUKULA VENKATA SAI RAVI TEJA	K. Sai Ravi
17	15U41A0419	KORIBILLI BHARGAVI	K. Bhargavi
18	15U41A0420	KOTHA PRUDHVI RAJ	K. Prudhvi
19	15U41A0422	KURAPATI PREM KUMAR	K. Prem
20	15U41A0423	MADETI LATA SRI	M. Lata Sri
21	15U41A0424	MALASALA GOWTHAMI	M. Gowthami
22	15U41A0425	MALLA JYQTHI	M. Jyothi
23	15U41A0426	MALLA PRAVALLIKA	M. Pravallika
24	15U41A0427	MAMIDI KASIVISWANADHAM	M. Kasiviswanadham
25	15U41A0428	MARLAPUDI MOSES LIVINGSTON	M. Moses
26	15U41A0429	MATHA BHARATHI	M. Bharathi
27	15U41A0430	MOKA SAICHARAN	M. Saicharan
28	15U41A0431	MYPALLI SHYAMALA NOOKESHWARI	M. Shyamala
29	15U41A0432	P SANTOSH KUMAR	P. Santosh

S.NO	HT NO	NAME	SIGNATURE
30	15U41A0433	P SUSHMITA	P.Susmitha
31	15U41A0435	PENUPOTHULA SNEHA	P.Sneha
32	15U41A0438	POTHU TARUN KUMAR	P.Tharun
33	15U41A0439	RUTTHALA YASODHA VANAJA	R.Vanaja
34	15U41A0440	SALAPU PRIYANKA	S.priyanka
35	15U41A0441	SANKARLA SAI DEEPU	S.Deepu
36	15U41A0442	SEEMANAPALLI VARAHALU	S.Varahalu
37	15U41A0443	SREERAM MARTEENA KEZIA	Sreeram
38	15U41A0444	VADAMODALU SHIVA KUMAR	V.Shiva
39	15U41A0445	VEGI JAYA CHANDRIKA	chandrika
40	15U41A0447	VIYYAPU GOVINDARAJU	Govind X
41	15U41A0448	YENNETI SRILATHA	Y.Srilatha
42	15U41A0449	YERAMSETTI HEPSIBA	Y.hepsiba
43	15U41A0450	S SURYA VENKATA CHIRANJEEVI	S.chiranjeevi
44	15U41A0451	GALLA SRI RAMYA	G.Ramyaa
45	15U41A0452	BHUPINDER KOUR	B.kour

## LIST OF PATICIPANTS

### ECE

S.NO	HT NO	NAME	SIGNATURE
1	16U45A0401	AATHAVA DURGA PRASAD	Durga prasad
2	16U45A0402	ALLU SWATHI	A. Swathi
3	16U45A0403	BARATAM RAMU	Baratam
4	16U45A0404	CHAVALLA JHANSI	C. Jhansi
5	16U45A0405	DODDI HEMALATHA	D. hemalatha
6	16U45A0406	DODDI NVS NOOKA RAJU	D. Raju
7	16U45A0407	GANDEPALLI VANI	G. Vani
8	16U45A0408	JERRIPOTHULA NARSINGARAO	J. Narasingarao
9	16U45A0409	JERRIPOTHULA SUNITHA	J. Sunitha
10	16U45A0410	KAKKALAVA SIVA	K. Siva
11	16U45A0411	K. LOKESH	K. Lokesh
12	16U45A0412	KINTADA LOVA GANGAMANI	K. Gangamani
13	16U45A0413	KOLIDCHINA BHARGAVI	K. Bhargavi
14	16U45A0414	KONATHALA SOWMYA	K. Sowmya
15	16U45A0415	KORASALA RAAGADEEPIKA	K. Raagadeepika
16	16U45A0416	LANKA SAI KUMAR	Sai Kumar
17	16U45A0417	MALLA HARISH	M. Harish
18	16U45A0418	NAKKA TVS NARAYANA	N. Narayana
19	16U45A0419	PALLELA PARAMESWARA RAO	P. Parameswara Rao
20	16U45A0420	PANGA SRAVANI	P. Sravani
21	16U45A0421	PEELA HARI KSND SANTOSH	P. Santosh
22	16U45A0422	PENTAKOTA VISWA TEJA	P. Vishwanath
23	16U45A0423	POLIMERA JAYASREE	P. Jayasree
24	16U45A0424	RAGETI JHANSI RANI	R. Jhansi Rani
25	16U45A0425	MOLLI ANUSHA	M. Anusha
26	16U45A0426	SANAPATI VASU DILIP	S. Vasu
27	16U45A0428	VACHALAPU VASUDEV	V. Vasudev
28	16U45A0429	YAJJALA ANUSHA	Y. Anusha
29	16U45A0430	BOTLA DEEPIKA	B. Deepika
30	16U45A0431	KARAMPUDI SHANMUKH SAI	K. Shanmukh Sai
31	16U45A0432	KANDREGULA RAJASEKHAR	Rajasekhhar
32	16U45A0433	KORUKONDA. D.NAGAMANI	D. Nagamani
33	16U45A0434	DULLA ARUNA	D. Aruna
34	16U45A0435	BESETTI JYOTHSNA	B. Jyothsna
35	16U45A0436	MALLA KARUNA LAVANYA	M. Lavanya
36	16U45A0438	KARRI SHYAM GANESH	K. Ganesh

M. PRAVALLIKA  
15041A0426



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Department of ECE

FEEDBACK FORM

ON

Four Week Training Program On  
MATLAB for Signal Processing

1. Has the Workshop attained its objectives

- Yes  
 No

2. Workshop was relevant to my needs

- Strongly agree  
 Agree  
 Neutral  
 Disagree  
 Strongly disagree

3. Instructions were clear and understandable

- Strongly agree  
 Agree  
 Neutral  
 Disagree  
 Strongly disagree

4. Content was well organised

- Strongly agree  
 Agree  
 Neutral  
 Disagree  
 Strongly disagree

5. Was the Duration of the training sufficient.

- Yes
- No

6. Resource persons were effective.

- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly disagree

7. Queries were encouraged

- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly disagree

8. Any additional remarks

Nil

9. Overall how would you rate this event

- Excellent
- Very good
- Good
- Fair
- Poor

10. Propose the name of training program you will be interested in participating in future.

—

M. Pravalika



P. SUSHMITA  
15041A0433



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Department of ECE

FEEDBACK FORM

ON

Four Week Training Program On  
MATLAB for Signal Processing

1. Has the Workshop attained its objectives

- Yes  
 No

2. Workshop was relevant to my needs

- Strongly agree  
 Agree  
 Neutral  
 Disagree  
 Strongly disagree

3. Instructions were clear and understandable

- Strongly agree  
 Agree  
 Neutral  
 Disagree  
 Strongly disagree

4. Content was well organised

- Strongly agree  
 Agree  
 Neutral  
 Disagree  
 Strongly disagree

5. Was the Duration of the training sufficient.

- Yes
- No

6. Resource persons were effective.

- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly disagree

7. Queries were encouraged

- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly disagree

8. Any additional remarks

NO

9. Overall how would you rate this event

- Excellent
- Very good
- Good
- Fair
- Poor

10. Propose the name of training program you will be interested in participating in future.

←

P. Sushmitha



# **DADI Institute of Engineering & Technology**

**Approved by AICTE & Affiliated to JNTUK, NAAC Accredited Institute**

**An ISO 9001:2015, ISO 14001:2015 & ISO 45001: 2018**

**Four Weeks Training Program On MATLAB For Signal Processing  
(13-11-2017 to 09-12-2017)**

## **CERTIFICATE OF PARTICIPATION**

**IS PRESENTED TO**

**K.PREM KUMAR**

---

for his/hers successful participation in the Four Weeks Training Program On  
MATLAB For Signal Processing Organised by Department of ECE, DIET.

**HOD, ECE**

**Principal, DIET**

**Chairman, DIET**



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**Four Weeks Training Program On MATLAB For Signal Processing  
(13-11-2017 to 09-12-2017)**

## **CERTIFICATE OF PARTICIPATION**

**IS PRESENTED TO**

**M.SAI CHARAN**

---

for his/hers successful participation in the Four Weeks Training Program On  
MATLAB For Signal Processing Organised by Department of ECE, DIET.

**HOD, ECE**

**Principal, DIET**

**Chairman, DIET**



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**Four Weeks Training Program On MATLAB For Signal Processing  
(13-11-2017 to 09-12-2017)**

## **CERTIFICATE OF PARTICIPATION**

**IS PRESENTED TO**

**D.ROHINI**

---

for his/her successful participation in the Four Weeks Training Program On  
MATLAB For Signal Processing Organised by Department of ECE, DIET.

**HOD, ECE**

**Principal, DIET**

**Chairman, DIET**

```
File Edit Search Run Compile Debug Project Options Window Help
1
#include <stdio.h>
int main()

{
    int p;
    int a=10;
    do;
    {p}+10
}

1:1
Help F2 Save F3 Open Alt-F9 Compile F5 Make F10 Menu
```



C157



# DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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

**ANAAC 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](http://www.diet.edu.in), E-mail: [info@diet.edu.in](mailto:info@diet.edu.in)

---

## CIRCULAR

Anakapalle

Dt: 25-10-2017

Department of Computer Science and Engineering is hereby informed that, in view of the feedback received from III B.Tech. Students of CSE branch regarding skill enhancement and to improve the expertise of students in Python Programming, HOD is advised to depute a faculty from CSE to design and develop a suitable course structure in line with advanced topics of Python Programming for working on real time applications III B.Tech. students of CSE branch with over 30 working hours. Please ensure that this Add-on course helps them to understand the basic structure, Properties, Data types, Strings, Flow control statements, Function, Classes, Exceptions. 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 & Inclusion under Section 2(f) & 12(B) of the UGC Act  
NH-16, Anakapalle, Visakhapatnam, Andhra Pradesh  
9963694444, 9963981111, [www.diet.edu.in](http://www.diet.edu.in), [info@diet.edu.in](mailto:info@diet.edu.in)

## Department of Computer Science and Engineering

Presents

**A four Week Training Program**

on

**"Python Programming"**

**(06-11-2017 to 02-12-2017)**

**Course Instructor**

**Dr.L.Prasanna Kumar**

Associate Professor, Department of CSE

**Venue:**

Computer Lab 3, Second Floor, DIET





## 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 CSE Department

The Department of CSE was established in the year 2006. It offers B.Tech. Program with an initial intake of 120. It also offers M.Tech. Program in Computer Science and Engineering. The department has good infrastructural facilities with full fledged laboratories equipped with adequate hardware and software. The faculty members are actively involved in research and are publishing papers in reputed national and international journals/conferences.

## About the course

Students will be able to learn Python Programming as it becomes an essential course to compete with the emerging new technologies and programming skills and knowledge in this world.



# Computer Science and Engineering

## Python Programming

### Course Instructor:

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

### Duration:

4 Weeks: (06/11/2017 – 02/12/2017)

### Overview & Need for the Course:

Since Python is widely growing in its popularity, it is an important tool for anyone getting started Learning Python language provides several job opportunities and promises high growth .

### Course Objectives:

- To acquire programming skills in core Python.
- To acquire Object Oriented Skills in Python
- To develop the skill of designing Graphical user Interfaces in Python
- To develop the ability to write database applications in Python

### Course Outcomes:

By the end of the course, the student will be able to

- Write, Test and Debug Python Programs
- Use Conditionals and Loops for Python Programs
- Use functions and represent Compound data using Lists, Tuples and Dictionaries
- Use various applications using python

## **Requirements:**

- Python 3.6 and related packages
- Operating system: Linux- Ubuntu 16.04 to 17.10, or Windows 7 to 10, with 2GB RAM (4GB preferable)

## **Course Contents:**

1. Introduction to Python Language.
2. Download & Install Python.
3. Python Language Syntax.
4. Python Keywords and Identifiers.
5. Python Comments.
6. Python Variables.
7. Python Data Types.
8. Python Operators.
9. Case Study: AI Application
10. Programming
11. Final project
12. Conclusion







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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
 IV Year – I SEMESTER  
 L T P C  
 0 0 3 2

**HADOOP & BIGDATA LAB**  
 List of Experiments – R11

1. Implement the following Data structures in Java  
 a) Linked Lists b) Stacks c) Queues d) Set e) Map
2. i) Perform setup up and installing Hadoop in its native operating system: Mandarim, Pseudo distributed, Fully distributed  
 ii) Use web based tools to monitor your Hadoop setup.
3. Implement the following file management tasks in Hadoop:
  - Adding files and directories
  - Retrieving files
  - Deleting files

Hint: A typical Hadoop workflow everywhere and copies them into local file utilities.

4. Run a basic Word Count Reduce Paradigm
5. Write a Map Reduce program. Weather sensors collecting globe gather a large volume of data. Analyze this data with Map Reduce
6. Implement MapReduce
7. Install and Run Pig in the project, and filter your data
8. Install and Run Hive in the tables, views, functions, and

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
 IV Year – I SEMESTER  
 L T P C  
 0 0 3 2

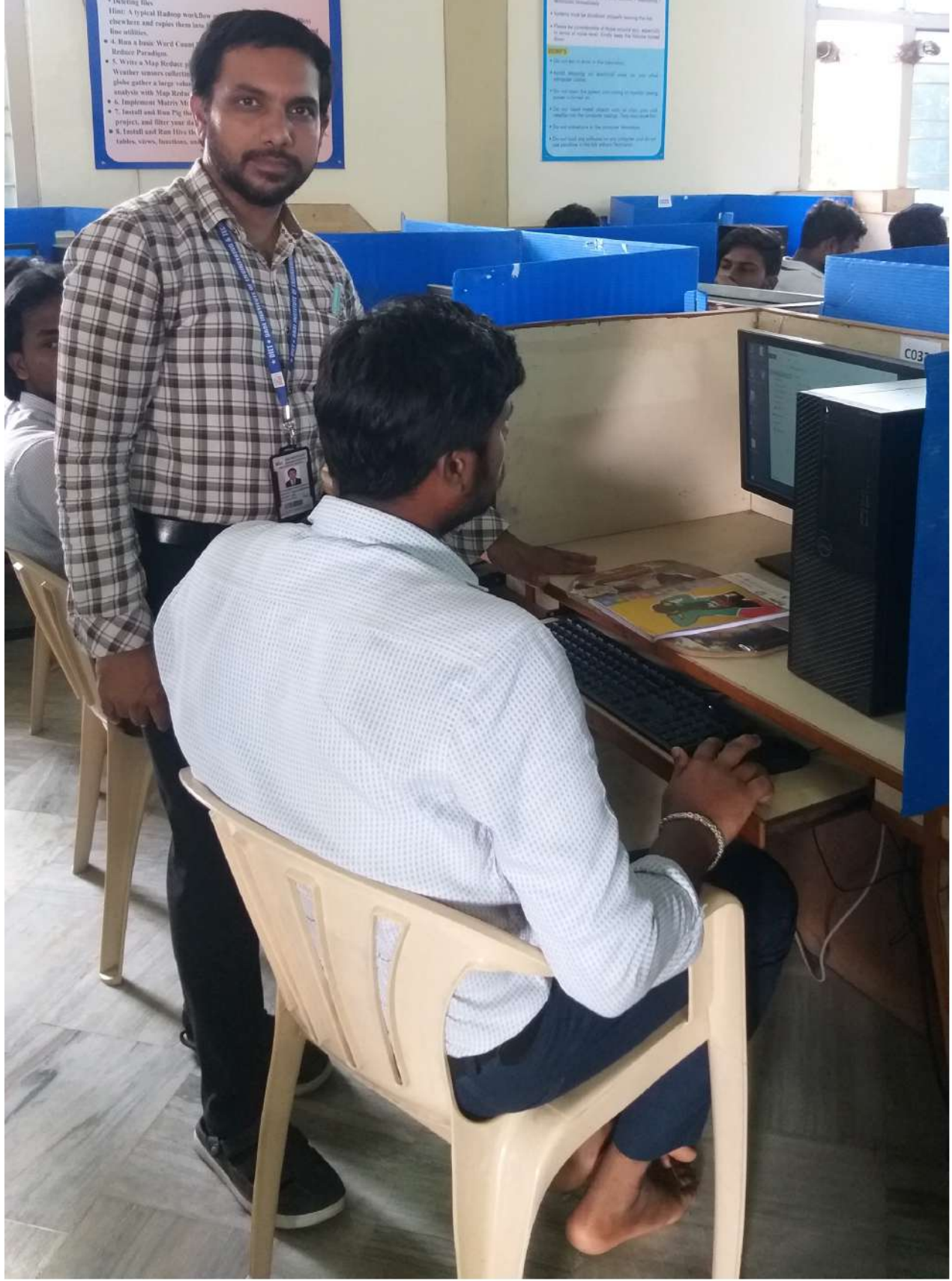
**LABORATORY PRACTICE**

**TOPIC:**

- Read and understand how to write an article through below given in the laboratory.
- Read any online page or website about any of your interest / hobbies. Submitting something.
- Know the features of the file manager and the file explorer and how to use files in case of an emergency.
- Explain how to organize an article / document / document / document.
- Writing text file through article using the file.
- Check the contents of the article file, uploaded in some of the sites. Study how the file is stored there.

**NOTE:**

- Do not use any other software.
- Avoid sharing any sensitive data on any other software.
- Do not use any other software for handling data.
- Do not use any other software for handling data.
- Do not use any other software for handling data.
- Do not use any other software for handling data.
- Do not use any other software for handling data.



MATLAB R2014a

HOME PLOTS APPS EDITOR PUBLISH VIEW

File Edit View Run

Current Folder: H:\Instal Softwares\MatLab\bin

Editor - C:\Users\MALLA KISHORE KUMAR\Desktop\Matlab\mytask\_2.m

```

1 - clear;
2 - clear all;
3 - close all;
4 - img = imread('boston night.JPG');
5 - % Enter your code below
6 - img1=rgb2gray(img);
7 - imshow(img1);
8 - img2=double(img1);
9 - img3=img2.^1.5;
10 - figure
11 - imshow(img3);
12 - img4=imrotate(img3,-1);
13 - figure
14 - imshow(img4);
15 - img5=cast(img4,'uint8');
16 - %imgAdjusted=img(1:3456,1:5184);

```

Command Window

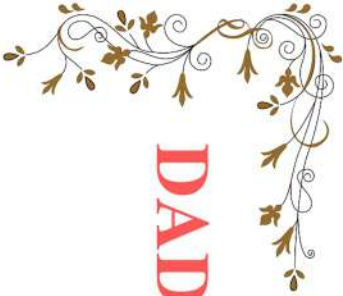
```

In mytask_2 at 7
Warning: Image is too big to fit on screen; displaying at 13%
> In \initools\private\initSize at 71
In imshow at 282
In mytask_2 at 11
Warning: Image is too big to fit on screen; displaying at 13%
> In \initools\private\initSize at 71
In imshow at 282
In mytask_2 at 14
fx >>

```

Name	Value	Min	Max
img	3456x5184x3 uint8	<Too ...	<Too ...
img1	3456x5184 uint8	<Too ...	<Too ...
img2	3456x5184 double	<Too ...	<Too ...
img3	3456x5184 double	<Too ...	<Too ...
img4	3549x5245 double	<Too ...	<Too ...
img5	3549x5245 uint8	<Too ...	<Too ...





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Mobile: +91 9963981111, Website: [www.diet.edu.in](http://www.diet.edu.in), E-mail: [info@diet.edu.in](mailto:info@diet.edu.in)

## COURSE COMPLETION CERTIFICATE

This Certificate is presented to

**BODDEDA YAMINI**



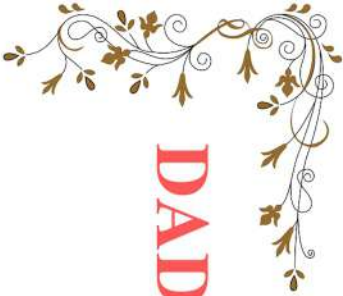
For the successful completion of 4-weeks add-on course on “Python Programming” from Date: 06-11-2017 to 02-12-2017

Dr. L. Prasanna Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
Chairman





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Mobile: +91 9963981111, Website: [www.diet.edu.in](http://www.diet.edu.in), E-mail: [info@diet.edu.in](mailto:info@diet.edu.in)

## COURSE COMPLETION CERTIFICATE

This Certificate is presented to

**JUJURU SIRREESHA**



For the successful completion of 4-weeks add-on course on “Python Programming” from Date: 06-11-2017 to 02-12-2017

Dr. L. Prasanna Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
Chairman



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## COURSE COMPLETION CERTIFICATE

This Certificate is presented to

**KARANAM KUSUMA**

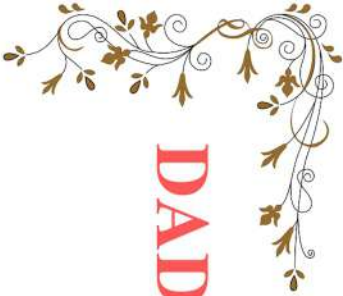


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Course Instructor

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## COURSE COMPLETION CERTIFICATE

This Certificate is presented to

**PILLA ARAVIND**



For the successful completion of 4-weeks add-on course on “Python Programming” from Date: 06-11-2017 to 02-12-2017

Dr. L. Prasanna Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
Chairman





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## COURSE COMPLETION CERTIFICATE

This Certificate is presented to

**DONGGA PRIYANKA**



For the successful completion of 4-weeks add-on course on “Python Programming” from Date: 06-11-2017 to 02-12-2017

Dr. L. Prasanna Kumar  
Course Instructor

Dr. M. Venugopala Rao  
Principal

Sri Dadi Ratnakar  
Chairman





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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: Programming on Python  
Date/Duration: 4 weeks Instructor/Coordinator: Dr. L. Prasanna Kumar

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

Feedback/Suggestions

Very Useful Session

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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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## 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: Training program on python programming  
Date/Duration: 4 weeks Instructor/Coordinator: Dr. L. Prasanna Kumar

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

Feedback/Suggestions

Improved my technical skills

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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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---

## **CIRCULAR**

Anakapalle

Dt:- 4-9-2017

Department of Civil Engineering is hereby informed that, in view of the feedback received from IV B.Tech. Civil students regarding skill enhancement and to improve the expertise of students to Total Station Survey, HOD is advised to depute a faculty from Civil to design and develop a suitable course structure in line with the basic skills which are essential for the surveyor to IV B.Tech. Civil students with over 30 working hours. Please ensure that this Add-on course helps them to Determine and evaluate accuracy and precision of GPS RTK and TLS methods. Make arrangements to deliver the course from next week onwards.

**PRINCIPAL**



# Dadi Institute of Engineering & Technology

Approved by AICTE & Affiliated to JNTUK

As ISO 9001:2008, 14001:2004 & OHSAS 18001:2007 Certified Institute, NH-5,  
Vizakhapatnam, Andhra Pradesh

Organized by

Department of CIVIL Engineering

A Two Week

(11-09-2017 to 23-09-2017)

Training Program on

**“Total Station Survey”**

## 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 Anakapalle which admits only academically promising students.

## About CIVIL Department

The Department of Civil Engineering was established in the year 2011, with an annual intake of 60 students for B.Tech. Programme. Department also offers Diploma in Civil Engineering with an intake of 60 seats, which was established in the year 2013. The Civil Department is well equipped with spacious laboratories and experienced technicians. The department of Civil Engineering also offers various consultancy works. Apart from academic, the students get indulged in laboratory experiments with various consultancy works under the Civil Engineering Technology Association (CETA) Club Activities.

## About the course

Every one can become civil engineer but to become a good surveyor they need special skills and digital surveying techniques. Total station is one such instrument which has made survey much easier and user friendly. It works on the principle of electronic distance measurement technique. Basic skills are essential for the surveyor for his good career, we have given all inputs required for self learning.

**Course Instructor: Mr. M RVSG Gupta, Asst. Prof. CIVIL Department**



# Department of Civil Engineering

## Total Station Survey – Add On course

### Course Instructor:

Mr M RVSG GUPTHA,  
Assistant Professor, CIVIL Department  
Dadi Institute of Engineering & Technology

### Duration:

2 weeks: (11-09-2017 to 23-09-2017)

### Overview & Need of the Course:

Every one can become civil engineer but to become a good surveyor they need special skills and digital surveying techniques. Total station is one such instrument which has made survey much easier and user friendly. it works on the principle of electronic distance measurement techniques. basic skills are essential for the surveyor for his good carrier. we have given all inputs required for self learning.

### Objective of the Total Station survey:

Determine and evaluate precision of the reference network which can be served as a reference value for comparison with RTK and TLS

- Determine and evaluate accuracy and precision of GPS RTK and TLS methods
- Determine the cost (time expenditure) of the three methods
- Compare results of the methods based on RMS and standard deviation analysis
- Forward possible recommendations that can improve the precision and accuracy of the three measurement methods

### Requirements

- ❖ Basic Knowledge on Leveling

❖ Basic Terminologies in surveying .

Course Contents

Chapter 1:

Introduction

Instrumentation

Accuracy of a Total Station:

Accuracy & Precision

Total station can be used

Chapter 2

Accessories for Total Station

Functions Performed By Total Stations

Chapter 3

Operation of Total Station

Remotely Operated Total Station (ROBOTIC)

Features Include:

Chapter 4

Applications of Total Station

Uses of Total Station











# Dadi Institute of Engineering & Technology

Approved by AICTE & Affiliated to JNTUK



## Course Completion Certificate

THIS CERTIFICATE IS GIVEN TO

**L MURALI KRISHNA**

FOR SUCCESSFUL COMPLETION OF 2 WEEKS COURSE ON  
TRAINING ON TOTAL STATION FROM 11-09-2017 TO 23-09-2017

M RVSG Gupta  
Coordinator

Dr. M VENUGOPAL RAO  
Principal

Sri Dadi Ratnakar  
Chairman

VISAKHAPATNAM, ANDHRA PRADESH, DIET.EDU.IN

# Dadi Institute of Engineering & Technology

Approved by AICTE & Affiliated to JNTUK



## Course Completion Certificate

THIS CERTIFICATE IS GIVEN TO

**S MANOJ KUMAR**

FOR SUCCESSFUL COMPLETION OF 2 WEEKS COURSE ON  
TRAINING ON TOTAL STATION FROM 11-09-2017 TO 23-09-2017

M RVSG Gupta  
Coordinator

Dr. M VENUGOPAL RAO  
Principal

Sri Dadi Ratnakar  
Chairman

VISAKHAPATNAM, ANDHRA PRADESH, DIET.EDU.IN



# Dadi Institute of Engineering & Technology

Approved by AICTE & Affiliated to JNTUK

## Course Completion Certificate



THIS CERTIFICATE IS GIVEN TO

**B KOMALA**

FOR SUCCESSFUL COMPLETION OF 2 WEEKS COURSE ON  
TRAINING ON TOTAL STATION FROM 11-09-2017 TO 23-09-2017

M RVSG Gupta  
Coordinator

Dr. M VENUGOPAL RAO  
Principal

Sri Dadi Ratnakar  
Chairman



**DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
Approved by AICTE & Affiliated to JNTU Kakinada

**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: Total Station

Date/Duration: 11-9-17 to 23-9-17 Instructor/Coordinator: MR VSG Gupta

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

very good session  
I learned new  
technology.

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**  
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**STUDENT FEEDBACK FORM**

Dear Candidate,

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Title of the Activity: Total Station

Date/Duration: 11-9-2017 to 23-09-2017 Instructor/Coordinator: MR VSG Gupta

- |   |   |   |   |   |   |
|---|---|---|---|---|---|
| 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  
session -  
need more like  
this course

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