



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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

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

An ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution

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

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

CIRCULAR

Anakapalle

Dt: 15-11-2021

Department of Electronics and Communication Engineering is hereby informed that, in view of the feedback received from students regarding skill enhancement in the field of signal processing and to improve the expertise of students in using MATLAB software, HOD is advised to depute a faculty from ECE to design and develop a suitable course structure in line with the concepts of Signal Processing using MATLAB for III B.Tech 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
ANAKAPALLE - 531 002

PRINCIPAL

Dadi Institute of Engineering & Technology



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NH-16, Anakapalle, Visakhapatnam, Andhra Pradesh
9963694444, 9963981111, www.diet.edu.in, info@diet.edu.in

Department of Electronics and Communication Engineering

Presents

**A four Week Training
Program**

on

**“MatLab for Signal
Processing”**

(22-11-2021 to 17-12-2021)

Course Instructor

Mr M Kishore Kumar

Assistant Professor, Department of ECE

Venue:

Computer Lab 8, 3rd 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.



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Electronics and Communications Engineering

MatLab for Signal Processing

Course Instructor:

Malla Kishore Kumar
Assistant Professor, ECE Department
Dadi Institute of Engineering & Technology

Duration:

4 Weeks: (22/11/2021 – 17/12/2021)

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.

Requirements

- 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

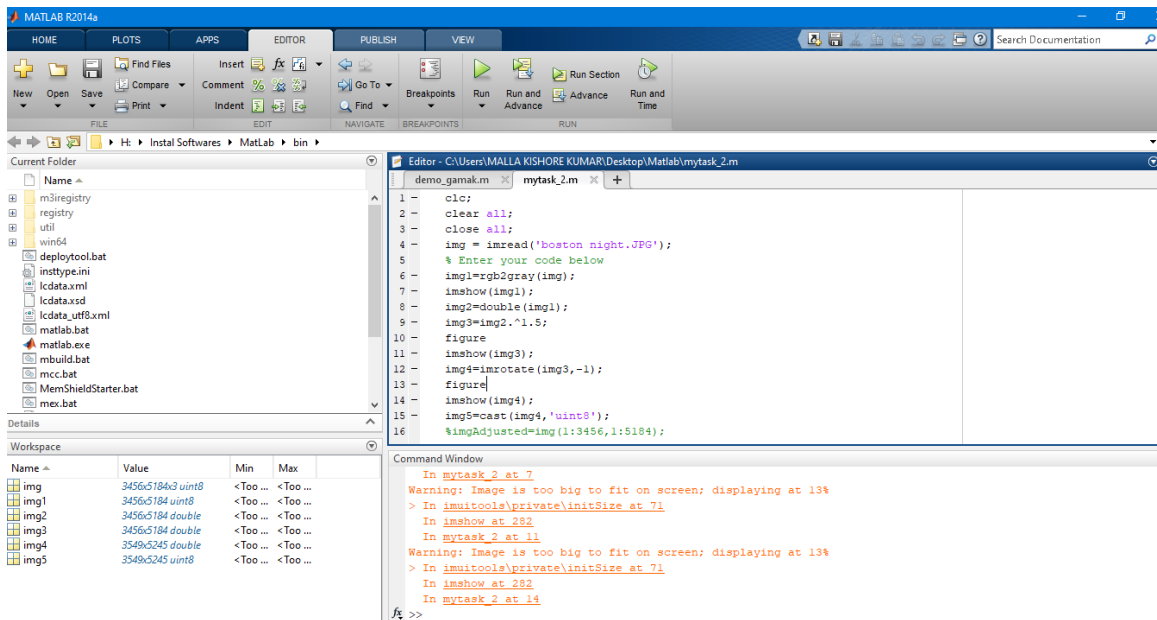
List of Participated students

19U41A0401	ADAPA DURGA PRASAD
19U41A0402	BALIBOYINA RADHA
19U41A0403	BASINA GOVARDHAN
19U41A0404	BEEMARASETTY SREE SOWMYA
19U41A0405	BODDEDA CHANDRA SEKHAR
19U41A0406	DANDA SWARNA
19U41A0408	KANISETTY ROSHINI
19U41A0409	KARRI CHANDINI
19U41A0410	KARRI HANURATHAN
19U41A0411	KUMMARI ASHOK
19U41A0412	KOSURU GAYATHRI DEVI
19U41A0413	MADDINENI MAHA TEJA GANESH
19U41A0414	MALLA JHANSI
19U41A0415	MALLA MOHANA PRATHYUSHA
19U41A0417	NARLA NIHARIKA
19U41A0419	PALURI HARINI
19U41A0420	PAPPULA JYOSHNA
19U41A0421	PATNANA MOHANA SRIJA
19U41A0422	PENTAKOTA LAVANYA
19U41A0423	PENTAKOTA LIKITH

19U41A0424	PERUMALLA SRAVANI
19U41A0425	PILAKA UGRA NARASIMHA BHARA
19U41A0426	PILLA SAI KUMAR
19U41A0427	POLAKI DURGA PRASAD
19U41A0428	ULLI KOMALI
19U41A0429	VILLURI SRAVYA SRI
19U41A0430	VOODA MEGHANA
19U41A0431	YENNETI SRI LAKSHMI
19U41A0432	ADIREDDI KHYATHI
19U41A0433	KARRI NEERAJA SHASHANK
19U41A0434	KOTAKALA TULASI
19U41A0435	PEYYALA VIDYA
19U41A0436	SALAPU GIRISH KUMAR
19U41A0437	KONATHALA SWAROOP
19U41A0438	SINGAMPALLI BHARATHI
20U45A0401	AITHA MOHAN KAVYA
20U45A0402	BODDAPU KUMAR
20U45A0403	BUDDHA SAI
20U45A0404	DEVADULA SRI SAI SAMPATH
20U45A0405	DODDI ADI NAGA MAHA VENKATA SAI PRIYA
20U45A0406	GALI ANITHA
20U45A0407	JETTI PADMA PRIYA
20U45A0408	KADA SATYA VENKATA AJAY KIRAN
20U45A0409	KAJULURI TULASI
20U45A0410	KODURU NEERAJA
20U45A0411	MADDEM VENKATA SAI SNEHIT
20U45A0413	NAGAM VIDHYA SREE
20U45A0414	NAKKA VIJAYA
20U45A0415	POLIMERA KUSHAN KUMAR
20U45A0416	RAJANA NANDHINI
20U45A0417	REGIDI SAMPATH KUMAR
20U45A0418	SAMOJU YASASWANI
20U45A0419	SHAIK ISMAIL
20U45A0420	THOKADA REVATHI
20U45A0421	UDDAGIRI USHODAYA
20U45A0422	VECHALAPU SATYANARAYANA
20U45A0423	POLAVARAPU DEENAKSHITA
20U45A0424	SRIRANGAM SRILEKHA
20U45A0425	ALLA CHANDINI
20U45A0426	BUDDA LOHITHA
20U45A0427	KONATHALA SHANMUKHA
20U45A0428	MADETI V S S SATYANARAYANA

Total: 63

Classroom:



Certificate

Dadi Institute of Engineering & Technology

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Course Completion Certificate

THIS CERTIFICATE IS GIVEN TO

NAKKA VIJAYA

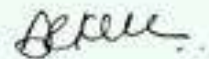
for the successful completion of 4-week course on MatLab
for Signal Processing from 22-11-2021 to 17-12-2021.



Mr M Kishore Kumar
Coordinator



Prof. Dr. Ch. Narasimham
Principal



Sri Dadi Ratnakar
Chairman

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BUDHA SAI

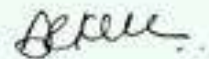
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GALI ANITHA

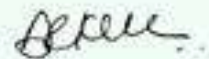
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Course Completion Certificate



THIS CERTIFICATE IS GIVEN TO

PEYYALA VIDHYA

for the successful completion of 4-week course on MatLab
for Signal Processing from 22-11-2021 to 17-12-2021.

Mr M Kishore Kumar
Coordinator

Prof. Dr. Ch. Narasimham
Principal

Sri Dadi Ratnakar
Chairman

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Course Completion Certificate

THIS CERTIFICATE IS GIVEN TO

SHAIK ISMAIL

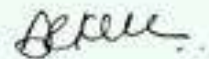
for the successful completion of 4-week course on MatLab
for Signal Processing from 22-11-2021 to 17-12-2021.



Mr M Kishore Kumar
Coordinator



Prof. Dr. Ch. Narasimham
Principal



Sri Dadi Ratnakar
Chairman



STUDENT FEEDBACK FORM

17/12/2021

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: MATLAB for Signal Processing

Date/Duration: 23/11 to 17/12 '2021 Instructor/Coordinator M. Kishore Sir

(4 Weeks)

- | | | | | | | |
|---|---|---|---|---|---|---|
| 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. We

would like to

also learn

Practical Courses

through Workshops

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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An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute

STUDENT FEEDBACK FORM

17-12-22

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: QATAB for Special Coaching

Date/Duration: 22-11-21 to 17-12-22 Instructor/Coordinator: M. Kishore Kumar

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

Feedback/Suggestions

We are

Satisfied.

Need more

Programs

like this.

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