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: 18-11-2020

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

Dadi Institute of Engineering & Technology, Anakapalle

Dadi Institute of Engineering & Technology

Approved by A I C T E & Permanently Affiliated to J N T U K
N A A C Accredited Institute & Inclusion under Section 2(f) & 12(B) of the U G C Act
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"

(23-11-2020 to 19-12-2020)

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 a m o n g the students and enable t h e m 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:

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

Duration:

4 Weeks: (23/11/2020 to 19/12/2020)

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

Student Attendance Sheet - MATLAB for Signal Processing Addon Course [2020-21]

S N	Roll No	Name of the Student	23/11/20	25/11/20	30/11/20	2/12/2020	7/12/2020	9/12/2020	18/12/2020	19/12/2020
1	16U41A0401	A PRASANTHI DEEPTHI S	A.Prasanth	A.Prasanth	A.Prasanth	A.Prasanth	A.Prasanth	A.Prasanth	A.Prasanth	A.Prasanth
2	16U41A0402	BOMMA SANDEEP	B.Sandeep	B.Sandeep	B.Sandeep	B.sandeep	B.sandeep	B.sandeep	B.sandeep	B.sandeep
3	16U41A0403	BUDDHA PRATHYUSHA	B.Prathyush	B.Prath	R.Prath	B.Prathyus	B.Prath	B.Pra	B.Prath	B.Prath
4	16U41A0404	BVV S SANTOSH ANUDEEP	B.santeep	B.anudeep	B.anudeep	B.anudeep	B.anudee	AB	B.anudeer	B.anudee
5	16U41A0405	DADI ANUSHA	D.anusha	D.anusha	D.anusha	D.anusha	D.anusha	D.anusha	D.anusha	D.anusha
6	16U41A0406	DULLA MANISHA	D.manisha	D.manisha	D.manisha	D.manisha	D.manisha	D.manisha	D.manisha	D.manisha
7	16U41A0407	GUDIMETLA SATTI REDDY	G.Reddy	G.Reddy	G.Reddy	G.Reddy	G.Reddy	G.Reddy	G.Reddy	G.Reddy
8	16U41A0408	JAGARAPU RAJU	J raju	J.raju	J.raju	J.raju	J.raju	J.raju	J.raju	J.raju
9	16U41A0409	JAMI KANAKARAJU	J. Raju	J.raju	J.Raju	J.raju	J.raju	J.raju	J.raju	J.raju
10	16U41A0410	JYOTHULA ANIRUDH	J.anirudh	J.anirudh	J.anirudh	J.anirudh	J.anirudh	J.anirudh	J.anirudh	J.anirudh
11	16U41A0411	KALLA ANITHA	K.anitha	K.anitha	K.anitha	K.anitha	K.anitha	K.anitha	K.anitha	K.anitha
12	16U41A0412	KAMIREDDY YAMINI	K.yamini	AB	K.yaman	K.yamini	K.yamani	K.Yamani	K.yamin	K.yamini
13	16U41A0413	SABBAVARAPU TEJA	S.teja	S.teja	S.teja	S.teja	S.teja	S.teja	S.teja	S.teja
14	16U41A0414	KODI DEVI	K.devi	K.devi	K.devi	K.devi	K.devi	K.devi	K.devi	K.devi
15	16U41A0415	KOMMI MADHURI PRIYA	K.Priya	K.Priya	K.Priya	K.Priya	K.Priya	K.Priya	K.Priya	K.Priya
16	16U41A0416	KORIBILLI ANUSHA	K.anusha	K.anusha	K.anusha	K.anusha	K.anusha	K.anusha	K.anusha	K.anusha
17	16U41A0417	KOTA KRISHNA PRIYA	K.K.Priya	K.K.Priya	K.K.Priya	K.K.Priya	K.K.Priya	K.K.Priya	K.K.Priya	K.K.Priya
18	16U41A0418	M MD ZEESHAN ALI	m.ali	m.ali	m.ali	m.ali	m.ali	m.ali	m.ali	m.ali
19	16U41A0419	MUDDADA HEMALATHA	m.Hema	m.Hema	m.P.Hema	m.hema	m.hema	m.hema	m.hema	m.hema
20	16U41A0420	M VENKATA RAMA PRAKASH	m.prakash	m.prakash	m.prakash	m.prakash	m.prakash	m.prakash	m.prakash	m.prakash
21	16U41A0421	PAILA BHANU PRASAD	P.Prasad	P.Prasad	P.Prasad	P.Prasad	P.Prasad	AB	P.Prasad	P.Prasad
22	16U41A0422	PANDURU VASU	P.Vasu	P.Vasu	P.Vasu	P.Vasu	P.Vasu	P.Vasu	P.Vasu	P.Vasu
23	16U41A0423	KUNKALAGUTLA RESHMA	k.Reshma	k.Reshma	k.Reshma	k.Reshma	k.Reshma	k.Reshma	k.Reshma	k.Reshma
24	16U41A0425	PUNTHOTAM AJAY SELUSH	P.ajay	P.ajay	P.ajay	P.ajay	P.ajay	P.ajay	P.ajay	P.ajay
25	16U41A0426	RAYAVARAPU REVATHI	R.Revath	R.Revath	R.Revath	R.Revath	R.Revath	R.Revath	R.Revath	R.Revath
26	16U41A0427	SARIVISETTI MAHESH	S.mahesh	S.mahesh	S.mahesh	S.mahesh	S.mahesh	S.mahesh	S.mahesh	S.mahesh
27	16U41A0428	S DEEPIKA ALEKHYA	s.alekhya	S.alekhya	S.alekhya	S.alekhya	S.alekhya	S.alekhya	S.alekhya	S.alekhya
28	16U41A0429	SIRASAPALLI SANDHYA	S.Sam	S.Sam	S.Sam	S.Sam	S.Sam	S.Sam	S.Sam	S.Sam
29	16U41A0430	SOMU JYOTHI	S.Jyothi	S.Jyothi	S.Jyothi	S.Jyothi	S.Jyothi	S.Jyothi	S.Jyothi	S.Jyothi
30	16U41A0431	SRINADHU SRIKANYA	S.srikanya	S.srikanya	S.srikanya	S.srikanya	S.srikanya	S.srikanya	S.srikanya	S.srikanya
31	16U41A0432	S BHAVYA BHARGAVI	S.Bh	S.Bh	S.Bh	S.Bh	S.Bh	S.Bh	S.Bh	S.Bh
32	16U41A0433	S PRADEEP KUMAR	S.kumar	S.kumar	S.kumar	S.kumar	S.kumar	S.kumar	S.kumar	S.kumar
33	16U41A0434	SWETHA MEENA DEVI M	m.Devi	m.Devi	m.Devi	m.Devi	m.Devi	m.Devi	m.Devi	m.Devi
34	16U41AG435	UNDURU RAJKUMAR	U.raj kumar	U.raj kumar	U.raj kumar	U.raj kumar	U.raj kumar	U.raj kumar	U.raj kumar	U.raj kumar
35	16U41A0436	VAJRAPU SAISRUJANA	V.Sai	V.Sai	V.Sai	V.Sai	V.Sai	V.Sai	V.Sai	V.Sai
36	16U41A0437	VALLAMPATI GOWTHAMI	V.Gowthami	V.Gowthami	V.Gowthami	V.Gowthami	V.Gowthami	V.Gowthami	V.Gowthami	V.Gowthami

S.No	Roll No	Name	Sign	Sign	Sign	Sign	Sign	Sign	Sign	Sign
37	16U41A0438	VALLAMPATI RAMA LAKSHMI	V.lakshmi	V.lakshmi	V.lakshmi	V.lakshmi	V.lakshmi	V.lakshmi	V.lakshmi	V.lakshmi
38	16U41A0439	YELLAPU ARUNA	Y.aruna	Y.aruna	Y.aruna	Y.aruna	Y.aruna	Y.aruna	Y.aruna	Y.aruna
39	16U41A0440	YERRA KURMA RAJU	Y.raju	Y.raju	Y.raju	Y.raju	Y.raju	Y.raju	Y.raju	Y.raju
40	16U41A0441	MADDALA BHAVANA	m.bhavana	m.bhavana	m.bhavana	m.bhavana	m.bhavana	m.bhavana	m.bhavana	m.bhavana
41	16U41A0442	PYLA SRIJITHA	P.srijitha	P.srijitha	P.srijitha	P.srijitha	P.srijitha	P.srijitha	P.srijitha	P.srijitha
42	16U41A0443	GOGADA BHAGYA LAKSHMI	G.lakshmi	G.lakshmi	G.lakshmi	G.lakshmi	G.lakshmi	G.lakshmi	G.lakshmi	G.lakshmi
43	16U41A0444	T KANAKAMAHALAKSHMI	T.lakshmi	T.lakshmi	T.lakshmi	T.lakshmi	T.lakshmi	T.lakshmi	T.lakshmi	T.lakshmi
44	16U41A0446	NAGAMBOINA SREEKANTH	N.sreekanth	N.sreekanth	N.sreekanth	N.sreekanth	N.sreekanth	N.sreekanth	N.sreekanth	N.sreekanth
45	16U41A0447	RAKOTI SAILAJA	R.sailaja	R.sailaja	R.sailaja	R.sailaja	R.sailaja	R.sailaja	R.sailaja	R.sailaja
46	16U41A0448	PUTCHAKAYALA PREETHE	P.preethe	P.preethe	P.preethe	P.preethe	AB	P.preethe	P.preethe	P.preethe
47	16U41A0449	BODU PRATHYUSHA	B.usha	B.usha	B.usha	B.usha	B.usha	B.usha	B.usha	B.usha
48	16U41A0450	PATRAPALLI MADHAVI	P.madhav	P.madhav	P.madhav	P.madhav	P.madhav	P.madhav	P.madhav	P.madhav
49	16U41A0451	BODDU DURGA PRASAD	B.prasad	B.prasad	B.prasad	B.prasad	B.prasad	B.prasad	B.prasad	B.prasad
50	16U41A0452	MD WASIM AKTHER	m.varsim	m.Aktha	m.Aktha	m.Aktha	m.Aktha	m.Aktha	m.Aktha	m.Aktha
51	15U41A0453	KARANAM RAJESH	K.rajesh	K.rajesh	K.rajesh	K.rajesh	K.rajesh	K.rajesh	K.rajesh	K.rajesh
52	17U4SA0401	AYINAPARTHI KUMAR	A.kumar	AB	A.kumar	A.kumar	A.kumar	A.kumar	A.kumar	A.kumar
53	17U4SA0402	BANDARU SAILAJA	B.sailaja	B.sailaja	B.sailaja	B.sailaja	B.sailaja	B.sailaja	B.sailaja	B.sailaja
54	17U4SA0403	BODDEDA NAGENDRA	B.sailaja	B.sailaja	B.sailaja	B.sailaja	B.sailaja	B.sailaja	B.sailaja	B.sailaja
55	17U4SA0404	DASARI JYOTHSNA	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi	Mahi
56	17U4SA0405	DODDI MAHESWARI	Trinadh	Trinadh	Trinadh	Trinadh	Trinadh	Trinadh	Trinadh	Trinadh
57	17U4SA0406	GANDREDDI THRINADH	K.Sai	K.Sai	K.Sai	K.Sai	K.Sai	K.Sai	K.Sai	K.Sai
58	17U4SA0407	KANDREGULA GANESH SAI	Veni	Veni	Veni	Veni	Veni	Veni	Veni	Veni
59	17U4SA0408	G ESWARA NAGA ALIVENI	Ugandhar	Ugandhar	Ugandhar	Ugandhar	Ugandhar	Ugandhar	Ugandhar	Ugandhar
60	17U4SA0409	KANDALAM UGANDHAR	K.swetha	K.swetha	K.swetha	K.swetha	K.swetha	K.swetha	K.swetha	K.swetha
61	17U4SA0410	KARRI SWETHA	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas
62	17U4SA0411	K GANESH LAKSHMAN VIKAS	Dani	Dani	Dani	Dani	Dani	Dani	AB	Dani
63	17U4SA0412	MASARAPU MANI	M.Sai	M.Sai	M.Sai	M.Sai	M.Sai	M.Sai	M.Sai	M.Sai
64	17U4SA0413	MONDI SAIKIRAN	gopi.S	gopi.S	absent	gopi.S	gopi.S	gopi.S	gopi.S	gopi.S
65	17U4SA0414	N GUNA GOPI SURENDRA	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi
66	17U4SA0415	NANEPALLI JYOTHI	P.rajesh	P.rajesh	P.rajesh	P.rajesh	P.rajesh	P.rajesh	P.rajesh	P.rajesh
67	17U4SA0416	PARUPALLI RAJESH	Pui	Pui	Pui	Pui	Pui	Pui	Pui	Pui
68	17U4SA0417	PUDI VENKATA LAKSHMI	Revathi	Revathi	Revathi	Revathi	Revathi	Revathi	Revathi	Revathi
69	17U4SA0418	VIYYAPU REVATHI	S.ganesh	S.ganesh	S.ganesh	S.ganesh	S.ganesh	S.ganesh	S.ganesh	S.ganesh
70	17U4SA0419	SUNKARA GANESH	Harsha	Harsha	Harsha	Harsha	Harsha	Harsha	Harsha	Harsha
71	17U4SA0420	TADI SAI SREE HARSHA	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya
72	17U4SA0421	VASANTHA PRIYANKA	Y.M.Rao	Y.M.Rao	Y.M.Rao	Y.M.Rao	Y.M.Rao	Y.M.Rao	Y.M.Rao	Y.M.Rao
73	17U4SA0422	YALAGA MAHESWARA RAO	Yaadu	Yaadu	Yaadu	Yaadu	Yaadu	Yaadu	Yaadu	Yaadu
74	17U4SA0423	VEDLA PRASAD NAIDU								

Classroom:

COURSE COMPLETION CERTIFICATE

This Certificate is given to

KALLA ANITHA

For the successful completion of 4-week course on MatLab for Signal
Processing from 23/11/2020 to 19/12/2020)

Mr. M Kishore Kumar
Course Instructor

Dr. Ch Narasimham
Principal

Mr. Dadi Ratnakar
Chairman

COURSE COMPLETION CERTIFICATE

This Certificate is given to

PANDURU VASU

For the successful completion of 4-week course on MatLab for Signal

Processing from 23/11/2020 to 19/12/2020)

Mr. M Kishore Kumar
Course Instructor

Dr. Ch Narasimham
Principal

Mr. Dadi Ratnakar
Chairman

COURSE COMPLETION CERTIFICATE

This Certificate is given to

S SANDHYA

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Course Instructor

Dr. Ch Narasimham
Principal

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

COURSE COMPLETION CERTIFICATE

This Certificate is given to

RAKOTI SAILAJA

For the successful completion of 4-week course on MatLab for Signal

Processing from 23/11/2020 to 19/12/2020)

Mr. M Kishore Kumar
Course Instructor

Dr. Ch Narasimham
Principal

Mr. Dadi Ratnakar
Chairman

COURSE COMPLETION CERTIFICATE

PARUPALLI RAJESH

This Certificate is given to

For the successful completion of 4-week course on MatLab for Signal

Processing from 23/11/2020 to 19/12/2020)

Mr. M Kishore Kumar
Course Instructor

Dr. Ch Narasimham
Principal

Mr. Dadi Ratnakar
Chairman

Diet

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

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: **Matlab for Signal procesing**

Date Duration: **4w (26/11/20 - 21/12/20)** Instructor Coordinator: **M.Kishore kumar**

						Feedback Suggestions
1. The content was as described in Publicity Material	1	2	3	4	⑤	Has to improve
2. The program was helpful in practical understanding	1	2	3	④	5	the way of
3. I will recommend this course/workshop program to relevant conservators across our campus	1	2	3	④	5	Explination
4. The program was well placed within allotted time	1	2	3	4	⑤	& Convinsing of
5. The instructor was an effective communicator	1	2	③	4	5	topic.

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: **Matlab for signal procesing**

Date Duration: **4w (26/11/20 - 21/12/20)** Instructor Coordinator: **M Kishore Kumar**

						Feedback Suggestions
1. The content was as described in Publicity Material	1	2	3	④	5	learned many
2. The program was helpful in practical understanding	1	2	3	④	5	advanced topics
3. I will recommend this course/workshop program to relevant conservators across our campus	1	2	3	④	5	in the matlab
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	

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