CIRCULAR

Anakapalle

Dt: 14-11-2016

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

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.

Dadi Institute of Engineering & Technology, Anakapalle

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: 21/11/2016 to 14/12/2016 (Twice a Week)

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
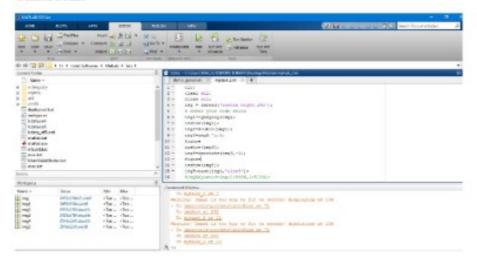10. Logical arrays
11. Introducing Signal Processing Tool Box
12. Introducing Image Processing Tool Box
13. Programming
14. Final project
15. Conclusion

Student Attendance Sheet - MATLAB with SIGNAL PROCESSING Addon Course

S N	Roll No	Name of the Student	21/11/2016	23/11/2016	28/11/2016	30/11/2016	5/12/2016	7/12/2016	12/12/2016	14/12/2016
1	14U41A0401	B. THIRUMALA PAVAN	B.T.Pavan	B.T.Pavan	B.T.Pavan	B.T.Pavan	B.T.Pavan	B.T.Pavan	B.T.Pavan	B.T.Pavan
2	14U41A0402	B. LAVANYA	B.lavanya	B.lavanya	B.lavanya	B.lavanya	B.lavanya	B.lavanya	B.lavanya	B.lavanya
3	14U41A0403	B. SANTHI	B.shanti	B.yanthi	B.shanti	B.shanti	B.shanti	B.shanti	B.shanti	B.shanti
4	14U41A0405	D. MOUNIKA	mounika	mounika	mounika	AB	mounika	mounika	mounika	mounika
5	14U41A0406	D. PAVAN KUMAR	D.Pavan	D.Pavan	D.Pavan	D.Pavan	D.Pavan	D.Pavan	D.Pavan	D.Pavan
6	14U41A0407	D. BHAVYA	D.Bhavya	D.Bhavya	D.Bhavya	D.Bhavya	D.Bhavya	D.Bhavya	D.Bhavya	D.Bhavya
7	14U41A0408	I. RAMYA	I.Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya
8	14U41A0409	J. BHARAT NARAYANA	J.bharay	j.bharat	J.bharat	j.bhayj	j.bharat	j.bharat	jpharat	Bharat
9	14U41A0410	K. TIRUMALA	T.Ruvala	tirumala	tirumala	Tirumala	Tirumala	Tirmala	Tirumala	Tirumala
10	14U41A0411	K. KRANTHI KUMAR	K.Kumar	K.Kumar	K.Kumar	K.Kumar	K.Kumar	K.Kumar	K.Kumar	K.Kumar
11	14U41A0412	K. GIRISHA	K.Girisha	K.Girisha	K.Girisha	K.Girisha	K.Girisha	K.Girisha	AB	K.Girisha
12	14U41A0413	M. SAIRAM	m.sairam	m.sai	m.sai	m.sai	m.sai	m.sai	m.sai	m.sai
13	14U41A0414	M. HIMA BINDU	M.Bindu	M.Bindu	M.Bindu	M.Bindu	M.Bindu	M.Bindu	M.Bindu	M.Bindu
14	14U41A0415	M. TARUN KUMAR	m.kumar	m.kumar	m.kumar	m.kumar	m.kumar	m.kumar	m.kumar	m.kumar
15	14U41A0416	N. P. CHANDRA VARMA	n.pdvar	n.pals	n.pals	npdar	npdals	npdls	npals	npals
16	14U41A0417	N. MARY GRACE	N.Mary	N.Mary	N.Mary	N.Mary	N.mary	N.Mary	N.Mary	N.Mary
17	14U41A0418	N.N.S. GANESH	N.N.S	N.N.S	N.N.S	N.N.S	N.N.S	N.N.S	N.N.S	N.N.S
18	14U41A0419	N. DIVYA	N.Divya	N.Divya	N.Divya	N.Divya	N.Divya	N.Divya	N.Divya	N.Divya
19	14U41A0420	P. KUSUMA	P.Kusuma	P.Kusuma	P.Kusuma	P.Kusuma	P.Kusuma	P.Kusuma	P.Kusuma	P.Kusuma
20	14U41A0421	R. JYOTHIRMAI	R.jyothi	R.jyothi	R.jyothi	R.jyothi	R.jyothi	R.jyothi	R.jyothi	R.jyothi
21	14U41A0424	U. SREE LAKSHMI SUMA	U.sree	U.sree	U.sree	U.sree	U.sree	U.sree	U.sree	U.sree
22	14U41A0425	P. GANESH	P.ganesh	P.ganesh	P.ganesh	P.ganesh	P.Ganesh	P.ganesh	P.ganesh	P.ganesh
23	15U45A0401	B.RAJA PHANINDRA	B.Raja	B.Raja	B.Raja	B.Raja	B.Raja	B.Raja	B.Raja	B.Raja
24	15U45A0402	B.SAI DEEPTHI	B.Sai	B.Sai	B.Sai	B.Sai	B.Sai	B.Sai	B.Sai	B.Sai
25	15U45A0403	CH.NARESH	AB	Ch.naresh	Ch.naresh	Ch.naresh	Ch.naresh	Ch.naresh	Ch.naresh	Ch.naresh
26	15U45A0404	CH.CHIRANJEEVI	Ch.chiru	ch.chiru	Ch.chiru	Ch.chiru	Ch.chiru	Ch.chiru	Ch.chiru	Ch.chiru
27	15U45A0405	K.LAVANYA	k.lavanya	k.lavan	k.lavan	k.lavan	k.lavan	k.lavan	k.lavan	k.lavan
28	15U45A0406	K.RAMA LAKSHMI	K.Rama	K.Rama	K.Rama	K.Rama	K.Rama	K.Rama	K.Rama	K.Rama
29	15U45A0407	K.SEKHAR	k.Sekhar	Sekar	sekar	sekar	sekar	AB	SRkar	Sekar
30	15U45A0408	M. JHANSI RANI	M.Jhansi	M.Jhansi	M.Jhansi	M.Jhansi	M.Jhansi	M.Jhansi	M.Jhansi	M.Jhansi
31	15U45A0409	P. DIVYA	P.Divya	P.Divya	P.Divya	P.Divya	P.Divya	P.Divya	P.Divya	P.Divya
32	15U45A0410	R.PRASANNA LAXMI	P.R.Laxmi	P.R.Laxmi	P.R.Laxmi	P.R.Laxmi	P.R.Laxmi	P.R.Laxmi	P.R.Laxmi	P.R.Laxmi
33	15U45A0411	R. SIVAJI	R.Sivaji	S.vaji	S.vaji	S.vaji	S.vaji	S.vaji	S.vaji	S.vaji
34	15U45A0412	S. NAVEEN VARMA	S.Naveen	S.Naveen	S.Naveen	S.Naveen	S.Naveen	S.Naveen	S.Naveen	S.Naveen
35	15U45A0414	S.SRIVANI	S.Sravani	S.Sravani	S.Sravani	S.Sravani	S.Sravani	S.Sravani	S.Sravani
36	15U45A0415	S.BABY	S.Baby	S.Baby	S.baby	S.baby	S.baby	AB	S.baby	S.baby
37	15U45A0416	V.GANGA RAJU	V.Raju	V.Raju	V.Raju	V.Raju	V.Raju	V.Raju	V.Raju	V.Raju
38	15U45A0417	V. JAYA	V.Jaya	V.jaya	V.Jaya	V.jaya	V.jaya	V.Jaya	V.Jaya	V.Jaya
39	15U45A0418	D.SANTOSHI SOUNDARYA	D.Soundarya	D.Soundarya	D.Soundarya	D.Soundarya	D.Soundarya	D.Soundarya	D.Soundarya	D.Soundarya
40	15U45A0419	K.P. CHANDRA SEKHAR	K.P.Sekhar	K.P.Sekhar	K.P.Sekhar	K.P.Sekhar	K.P.Sekhar	K.P.Sekhar	K.P.Sekhar	K.P.Sekhar
41	15U45A0420	A.CHANDRA RAMU	A.C.Ramu	A.C.Ramu	A.C.Ramu	A.C.Ramu	A.C.Ramu	A.C.Ramu	A.C.Ramu	A.C.Ramu
42	15U45A0421	B. MANJULA	B.manjula	B.manjula	B.manjula	B.manjula	B.manjula	B.manjula	B.manjula	B.manjula
43	15U45A0422	D. GANESH	D.Ganesh	D.Ganesh	D.Ganesh	D.Ganesh	D.Ganesh	D.Ganesh	D.Ganesh	D.Ganesh
44	15U45A0423	A.KANNA BABU	A.babu	A.babu	A.babu	A.babu	A.babu	A.babu	A.babu	A.babu
45	15U45A0424	T. NAGESWARA RAO	T.N.Rao	AB	T.N.Rao	T.N.Rao	T.N.Rao	T.N.Rao	T.N.Rao	T.N.Rao

Classroom:

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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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

ADAR VASANTHA

For the successful completion of 4-week course on MATlab for Signal
Processing course from 22/11/2016 – 18/12/2016

21/11/2016 to 14/12/2016

Mr. Someswar Rao
Course Instructor

Dr. Ch Prabhakara Rao
Principal

Mr. Dadi Ratnakar
Chairman

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BOT A BALAJI

21/11/2016 to 14/12/2016

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Course Instructor

Dr. Ch Prabhakara Rao
Principal

Mr. Dadi Ratnakar
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This Certificate is given to

KARI J YAMINI

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21/11/2016 to 14/12/2016

Mr. Someswar Rao
Course Instructor

Dr. Ch Prabhakara Rao
Principal

Mr. Dadi Ratnakar
Chairman

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MADI ABATTULA

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Course Instructor

Dr. Ch Prabhakara Rao
Principal

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COURSE COMPLETION CERTIFICATE

This Certificate is given to

RONGALI LATHA

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Processing course from 22/11/2016 – 18/12/2016

21/11/2016 to 14/12/2016

_____
Mr. Someswar Rao
Course Instructor

_____
Dr. Ch Prabhakara Rao
Principal

_____
Mr. Dadi Ratnakar
Chairman

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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: Mat lab for Signal Processing

Date Duration: 4LS 22/11/16 - 18/12/16   Instructor/Coordinator: K. Someswar Rao

						Feedback Suggestions
1. The content was as described in Publicity Material	1	2	3	④	5	Many of the systems are not working properly
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	

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

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Title of the Activity: Mat lab for signal Procening

Date Duration: 4cw 22/11/10 - 18/12/16   Instructor/Coordinator: K. someshvaran

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