



S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi

Inculcating Values, Promoting Prosperity

Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.

Accredited at 'A' Grade by NAAC

Programmes Accredited by NBA: CSE, ECE, EEE & ME.

E&E Engg. Dept.

Workshop

Notice/Circular

2019-20 (Odd)

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

Date: 03/09/2019

CIRCULAR

All the 5th and 7th sem students of EEE and ECE department are hereby informed that EESSA is organizing a Four Days Workshop on **"Basics of MATLAB and Simulink"** during 19th, 20th, 21st & 22nd Sept 2019. Interested students can enroll their names by paying **registration fees of Rs 400/-** with EESSA/ECSA staff coordinator on or before 9th Sept 2019. Total number of participants will be restricted to 40 on first come first serve basis.

Prinige
EESSA COORDINATORS.

(Pd)
4.9.19
Dr. B. V. Madiggond
Prof. & Head **BE, M.E, Ph.D.**
Dept. of Electrical & Electronics Engg.
HIT NIDASOSHI-591 236



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Workshop

Schedule

2019-20 (Odd)

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

Four days Student Development program On Matlab and Simulink organized by Department of Electrical and Electronics engineering Hirasugar Institute of Technology in collaboration with Abeyaantrix SoftLab, Davangere

4 Days Agenda:19-09-2019 to 22-09-2019

	Day1	Day2	Day3	Day4
Session1 9AM to 11:00 I	What Is MATLAB?, The MATLAB System, Development Environment, Exploring MATLAB	Overview of MATLAB Data Types, Programming with MATLAB	Creating Simulink Models, Understanding Simulink model, changing model parameters	Introduction to Simscape, Creating models in various physical domains
11.00 to 11.15 Tea Break				
Session2 11.15AM to 1.00Pm	Manipulating Matrices, Matrices and Magic Squares, Expressions, Working with Matrices	Program Control Statements IF, If-else, switch, For loop, while etc.	Hands on examples with simulink	Modeling Inverting and non inverting amplifier model, Modeling Rectifier, RLC circuit
Lunch Break 1pm:to 2 pm				
Session3 2pm to 3:30pm I	Matrix Indexing, Resizing and Reshaping Matrices	MATLAB Functions, Creating matlab function, Types of functions	Matlab plots, 2d plots, 3d plots, Line and discrete plots	Image processing Introduction, types of images, reading and writing images
330:345 Tea Break				
Session4 3:45pm to 5:00 pm	Multidimensional, Arrays, Summary, Empty Matrices, Scalars, and Vectors	Simulink introduction, Application of Simulink	signal Generation :Sine, Cos, Square wave etc	Image processing concepts, image thresholding, color transformation, Histogram.

Speakers: Mr. Mallesh VS. Abeyaantrix Softlab and Mr. Shivaraj VS, Abeyaantrix Softlab.
Workshop Co-ordinators: Prof. H. R. Zinage & Prof. O. B. Heddurshetti, EEE Dept, HSIT



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E&EE

Workshop

Registration

2019-20 (Odd)

Registration for Four-days workshop on "Basics of MATLAB and Simulink" during 19th , 20th, 21st & 22nd Sept 2019

Branch: E&EE

Sem: V

Sl. No.	Student name	USN	E-mail ID	Mobile No.	Amount	Sign
✓ 1	Suraj S. Patil	2HN17EE015	suraj071@gmail.com	702268403	400	<i>S. Patil</i>
✓ 2	Mahesh Pattar	2HN17EE007	Maheshpattar07@gmail.com	9886685459	400	<i>M. Pattar</i>
✗ 3	Kaveer Komat	2HN17EE006	kaveer.komat8612@gmail.com	7975532204	400	<i>K. Komat</i>
✓ 4	Anjuma Mulla	2HN17EE003	Anjumamulla07@gmail.com	9740259939	400	<i>A. Mulla</i>
✗ 5	Rekha Pooraganve	2HN17EE012	pooraganverekha1999@gmail.com	9901428631	400	<i>R. Pooraganve</i>
✓ 6	Rajeshwar Baradi	2HN17EE011	rajeshwaribaradi123@gmail.com	7899837427	400	<i>R. Baradi</i>
✓ 7	Megha Ambi	2HN17EE009	meghaambi123@gmail.com	8618746683	400	<i>M. Ambi</i>
✗ 8	Akshata Patil	2HN17EE002	akshapatil201999@gmail.com	8147851371	400	<i>A. Patil</i>

For E&EE
EESSA Co-ordinators

Nidasoshi-591 236, Taq: Hukkeri, Dist: Belagavi, Karnataka, India.
 Phone: +91-8333-278887, Fax: 278886, Web: www.hsit.ac.in, E-mail: principal@hsit.ac.in

Dr. B. K. Madiggond
 Head, E&EE
 HSI NIDASOSHI-591-236



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E&EE

Workshop

Registration

2019-20 (Odd)

Registration for Four-days workshop on "Basics of MATLAB and Simulink" during 19th, 20th, 21st & 22nd Sept 2019

Branch: EEE

Sem: VII

Sl. No.	Student name	USN	E-mail ID	Mobile No.	Amount	Sign
✓ 1	veerabhadra. Uppar	2HN16EE008	veerabhadraupper@gmail.com	9739340508	400/-	
✓ 2	Ashwini. Nigade	2HN16EE007	ashwini.nigade123@gmail.com	9148034166	400/-	
✓ 3	Spoorti. S. Sattigeri	2HN16EE042	Spoortisattigeri123@gmail.com	8970485574	400/-	
4	Laxmi, S. Bajantri	2HN16EE016	Laxmi863r@gmail.com	8310631367	400/-	
✓ 5	Priyanka, Hundekar	2HN16EE027	Priyankahundekar76@gmail.com	7892678767	400/-	
6	Vidyaashree. Timmasagar	2HN16EE047	Vidyaashreetimmasagar@gmail.com	9148349869	400/-	
✓ 7	Shruti D. Galagi	2HN16EE038	Shrutigalagi709@gmail.com	7676461434	400/-	
✓ 8	Tejaswini M. Pabli	2HN16EE044	tejaswinipabli156@gmail.com	9845826791	400/-	
9	Snehalata D. Desai	2HN16EE041	snehalatadesai96@gmail.com	7892985642	400/-	
✓ 10	Aishwarya M. Haryai	2HN16EE003	aishwaryai43@gmail.com	7019424963	400/-	
11	Shauada M. Hiremath	2HN16EE031	Shauadahiremath70@gmail.com	7259504190	400/-	
12	Pooja M. Pattanashetti	2HN16EE025	poojapattanashetti934@gmail.com	8073742576	400/-	
13	Pooja M. Mandavkar	2HN15EE031	poojammm616@gmail.com	9731412027	400/-	
✓ 14	Madhu, M. Torikani	2HN15EE020	madhuetorikani@gmail.com	8618090975	400/-	
15	Deepa R. Hugar	2HN16EE009	deepa.hugar011@gmail.com	8861911699	400/-	



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Registration

2019-20 (Odd)

Branch:

Sem:

Sl. No.	Student name	USN	E-mail ID	Mobile No.	Amount	Sign
16.	Akshata S. Hiremath	2HN16EE005	akshatahiremath1234@gmail.com	9742044875	400	<i>AK</i>
17	Shelpa V. Hukkeri	2HN16EE036	shelpahukkeri123@gmail.com	9739431425	400/-	<i>RDE</i>
18	Gr Satish	2HN16EE011	Satishgouda703@gmail.com	8217642156	400/-	<i>Patil</i>
19	SOURAV V. SANSUDDI	2HN15EE047	vssourav3@gmail.com	8884076599	400/-	<i>SS</i>
20	Pallavi A. Shirasangi	2HN16EE022	pearl77758@gmail.com	9844087227	400/-	<i>P/S</i>
✓ 21	pooja k. karangale	2HN16EE024	karangalepooja191@gmail.com	9113011022	400/-	<i>R/S</i>
22	Prajakta A. Akole	2HN16EE026	Prakta2nakole@gmail.com	9591206903	400/-	<i>R</i>
✓ 23	Shrinivas M. Badiger	2HN16EE012	Shrinivasmb666@gmail.com	8152902312	400/-	<i>SP</i>
✓ 24	Megharaj V. Kudache	2HN15EE022	megharajkudache1603@gmail.com	9538787146	400/-	<i>M/K</i>
✓ 25	Sanjeev Y. Dabhanaval	2HN15EE038	Sanjeevyd38@gmail.com	9663710168	400/-	<i>QI</i>
26	Jyoti M. Batagi	2HN17EE000	JyotiBatagi.91@gmail.com	9980908458	400/-	<i>Q/Secy</i>
✓ 27	Ratnavali Hittalamani	2HN16EE031	ratnavhitalamani8@gmail.com	6361163110	400/-	<i>R/H</i>
✓ 28	Pooja Khanapuri	2HN15EE029	poojakhanapuri@gmail.com	9036483654	400/-	<i>H/S</i>
29	Akshata A. Chiniwar	2HN15EE003	akshatachiniwar55@gmail.com	8746902013	400/-	<i>AK/Secy</i>
30.	Nikita D. Patil	2HN16EE024	nikitadpatil07@gmail.com	9535031827	400/-	<i>NPatil</i>
31	Tousipa R. Gargad	2HN16EE045	tousipagargad1998@gmail.com	9945407211	400	<i>R</i>
✓ 32	Shambhavi R. Patil	2HN16EE034	Shambhavipatil1998@gmail.com	6361266088	400	<i>Shamb</i>

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Dr. B. J. Madiggond

Prof. & Head B.E.M.E., Ph.D.

Dept. of Electrical & Electronics Engg.

Principal
 EESSA Co-ordinators.



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

Four Days Workshop on “Basics of MATLAB and Simulink” during 19th to 22nd Sept 2019

Attendance Sheet

Sl. No.	Name of the Participant	USN	Sem	19/09/2019		20/09/2019		21/09/2019		22/09/2019	
				Morning Session	Afternoon Session	Morning Session	Afternoon Session	Morning Session	Afternoon Session	Morning Session	Afternoon Session
1	Akshata Patil	2HN17EE002	V	ABpatil	ABpatil	ABpatil	ABpatil	ABpatil	ABpatil	ABpatil	ABpatil
2	Anjuma Mulla	2HN17EE003	V	Ajuma	Ajuma	Ajuma	Ajuma	Ajuma	Ajuma	Ajuma	Ajuma
3	Kaveri A Kamat	2HN17EE006	V	Kite	Kite	Kite	Kite	Kite	Kite	Kite	Kite
4	Mahesh B. Pattar	2HN17EE007	V	Mpattar	Mpattar	Mpattar	Mpattar	Mpattar	Mpattar	Mpattar	Mpattar
5	Megha Ambi	2HN17EE009	V	Megha	Megha	Megha	Megha	Megha	Megha	Megha	Megha
6	Rajeshwari Baradi	2HN17EE011	V	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj
7	Rekha Paraganve	2HN17EE012	V	Rekha	Rekha	Rekha	Rekha	Rekha	Rekha	Rekha	Rekha
8	Suraj Sunil Patil	2HN17EE015	V	Spatil	Spatil	Spatil	Spatil	Spatil	Spatil	Spatil	Spatil
9	Shrinivas M. Badiger	2HN14EE042	VII	SMBadiger	SMBadiger	SMBadiger	SMBadiger	SMBadiger	SMBadiger	SMBadiger	SMBadiger
10	Veerbhadrappa Uppar	2HN14EE049	VII	VUppar	VUppar	VUppar	VUppar	VUppar	VUppar	VUppar	VUppar
11	Akshata A. Chiniwar	2HN15EE003	VII	AChiniwar	AChiniwar	AChiniwar	AChiniwar	AChiniwar	AChiniwar	AChiniwar	AChiniwar
12	Madhu M. Triyani	2HN15EE020	VII	MTriyani	MTriyani	MTriyani	MTriyani	MTriyani	MTriyani	MTriyani	MTriyani
13	Megharaj V. Kudache	2HN15EE022	VII	MVKudache	MVKudache	MVKudache	MVKudache	MVKudache	MVKudache	MVKudache	MVKudache
14	Pooja Khnapuri	2HN15EE029	VII	PKhnapuri	PKhnapuri	PKhnapuri	PKhnapuri	PKhnapuri	PKhnapuri	PKhnapuri	PKhnapuri
15	Pooja Mandavakar	2HN15EE031	VII	PMandavakar	PMandavakar	PMandavakar	PMandavakar	PMandavakar	PMandavakar	PMandavakar	PMandavakar
16	Sanjeev Dabbanavar	2HN15EE038	VII	SDabbanavar	SDabbanavar	SDabbanavar	SDabbanavar	SDabbanavar	SDabbanavar	SDabbanavar	SDabbanavar
17	Sourav V. Sansuddi	2HN15EE047	VII	SSansuddi	SSansuddi	SSansuddi	SSansuddi	SSansuddi	SSansuddi	SSansuddi	SSansuddi
18	Aishwarya. Maryai	2HN16EE003	VII	AMaryai	AMaryai	AMaryai	AMaryai	AMaryai	AMaryai	AMaryai	AMaryai
19	Akshata Hiremath	2HN16EE005	VII	AHiremath	AHiremath	AHiremath	AHiremath	AHiremath	AHiremath	AHiremath	AHiremath
20	Ashwini Nigade	2HN16EE007	VII	ANigade	ANigade	ANigade	ANigade	ANigade	ANigade	ANigade	ANigade



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				Morning Session	Afternoon Session	Morning Session	Afternoon Session	Morning Session	Afternoon Session	Morning Session	Afternoon Session
21	Deepa Hugar	2HN16EE009	VII	<i>Deepa</i>	<i>Deepa</i>	<i>Deepa</i>	<i>Deepa</i>	<i>Deepa</i>	<i>Deepa</i>	<i>Deepa</i>	<i>Deepa</i>
22	G.Satish	2HN16EE011	VII	<i>Satish</i>	<i>Satish</i>	<i>Satish</i>	<i>Satish</i>	<i>Satish</i>	<i>Satish</i>	<i>Satish</i>	<i>Satish</i>
23	Laxmi Bhajantri	2HN16EE016	VII	<i>Laxmi</i>	<i>Laxmi</i>	<i>Laxmi</i>	<i>Laxmi</i>	<i>Laxmi</i>	<i>Laxmi</i>	<i>Laxmi</i>	<i>Laxmi</i>
24	Nikita Patil	2HN16EE021	VII	<i>Nikita</i>	<i>Nikita</i>	<i>Nikita</i>	<i>Nikita</i>	<i>Nikita</i>	<i>Nikita</i>	<i>Nikita</i>	<i>Nikita</i>
25	Pallavi A. Shirasangi	2HN16EE022	VII	<i>Pallavi</i>	<i>Pallavi</i>	<i>Pallavi</i>	<i>Pallavi</i>	<i>Pallavi</i>	<i>Pallavi</i>	<i>Pallavi</i>	<i>Pallavi</i>
26	Pooja Karangale	2HN16EE024	VII	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>
27	Pooja Pattanasheti	2HN16EE025	VII	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>
28	Prajakta Akkole	2HN16EE026	VII	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>
29	Priyanka Hundekar	2HN16EE027	VII	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>
30	Ratnavva Hittalamani	2HN16EE031	VII	<i>Ratnavva</i>	<i>Ratnavva</i>	<i>Ratnavva</i>	<i>Ratnavva</i>	<i>Ratnavva</i>	<i>Ratnavva</i>	<i>Ratnavva</i>	<i>Ratnavva</i>
31	Shambhavi Patil	2HN16EE034	VII	<i>Shambhavi</i>	<i>Shambhavi</i>	<i>Shambhavi</i>	<i>Shambhavi</i>	<i>Shambhavi</i>	<i>Shambhavi</i>	<i>Shambhavi</i>	<i>Shambhavi</i>
32	Sharada M. Hiremath	2HN16EE035	VII	<i>Sharada</i>	<i>Sharada</i>	<i>Sharada</i>	<i>Sharada</i>	<i>Sharada</i>	<i>Sharada</i>	<i>Sharada</i>	<i>Sharada</i>
33	Shilpa Hukkeri	2HN16EE036	VII	<i>Shilpa</i>	<i>Shilpa</i>	<i>Shilpa</i>	<i>Shilpa</i>	<i>Shilpa</i>	<i>Shilpa</i>	<i>Shilpa</i>	<i>Shilpa</i>
34	Shruti Raju Galagi	2HN16EE038	VII	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>
35	Snehalata Desai	2HN16EE041	VII	<i>Snehalata</i>	<i>Snehalata</i>	<i>Snehalata</i>	<i>Snehalata</i>	<i>Snehalata</i>	<i>Snehalata</i>	<i>Snehalata</i>	<i>Snehalata</i>
36	Spoorti Sattigeri	2HN16EE042	VII	<i>Spoorti</i>	<i>Spoorti</i>	<i>Spoorti</i>	<i>Spoorti</i>	<i>Spoorti</i>	<i>Spoorti</i>	<i>Spoorti</i>	<i>Spoorti</i>
37	Tejaswini M. Patil	2HN16EE044	VII	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>
38	Tousipa Gargad	2HN16EE045	VII	<i>Tousipa</i>	<i>Tousipa</i>	<i>Tousipa</i>	<i>Tousipa</i>	<i>Tousipa</i>	<i>Tousipa</i>	<i>Tousipa</i>	<i>Tousipa</i>
39	Vidyashree Timmasagar	2HN16EE047	VII	<i>Vidyashree</i>	<i>Vidyashree</i>	<i>Vidyashree</i>	<i>Vidyashree</i>	<i>Vidyashree</i>	<i>Vidyashree</i>	<i>Vidyashree</i>	<i>Vidyashree</i>
40	Jyoti Batagi	2HN17EE400	VII	<i>Jyoti</i>	<i>Jyoti</i>	<i>Jyoti</i>	<i>Jyoti</i>	<i>Jyoti</i>	<i>Jyoti</i>	<i>Jyoti</i>	<i>Jyoti</i>



Abeyaantrix SoftLab

Reshaping the Engineers

Certificate of Participation

This is to certify that Mr./Ms. SHARADA M. HIREMATH of 7th Sem, EEE Branch
has actively participated in a Four days hands-on workshop on

"Basics of MATLAB and SIMULINK"

organised at Hirasugar Institute of Technology, Nidasohni, in
association with Department of Electrical and Electronics
Engineering (NBA Accredited), during 19th to 22nd of September 2019.

Virupakshappa H S

Director

Abeyaantrix SoftLab OPC Pvt Ltd



Four days Workshop on

"Basics of MATLAB and SIMULINK"

During 19th to 22nd Sept. 2019

FEEDBACK FORM

Dear Students,

Please tick the appropriate options for the questions mentioned below.

1. Did you feel that the presentations given were informative?

☒ a. Very good

b. Good

c. Satisfactory

d. Not satisfactory

2. Did you feel that the hands on sessions were effective?

a. Very good

☒ b. Good

c. Satisfactory

d. Not satisfactory

3. How do you rate this on the following aspects considering the duration?

i) Hands on sessions

☒ a. Very good

b. Good

c. Adequate

d. Inadequate

ii) Session Sequence

☒ a. Very good

b. Good

c. Satisfactory

d. Unsatisfactory

4. Interactions with Resource Person

a. Very good

☒ b. Good

c. Adequate

d. Inadequate

5. Were your expectations from this course fulfilled?

☒ a. Fully

b. Adequately

c. Partly

d. Not at all

6. Would you like to attend any other related courses? (Please specify the topics)

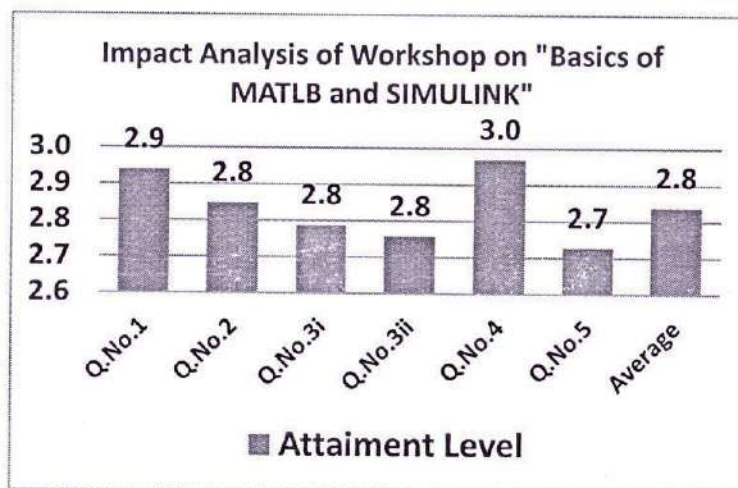
Robotics, DSP

Participant Signature

Title of Event: Workshop on "Basics of MATLAB and SIMULINK" during 19th to 22nd September 2019

Number of Respondents: 33

Q. No.	Strongly Agree(3)		Moderately Agree(2)		Agree (1)		Not relevant this event(0)		Total score	% of attainment = (Total score/Total Students Attended)	Average Percentage attainment	Attainment Level	Mapped Pos	Mapped PSOs
Q.No.1	31	93	2	4	0	0	0	0	97	2.9	94.6	High = 3	1,2,3,4,5,9,11&12	1,2
Q.No.2	28	84	5	10	0	0	0	0	94	2.8				
Q.No.3i	26	78	7	14	0	0	0	0	92	2.8				
Q.No.3ii	25	75	8	16	0	0	0	0	91	2.8				
Q.No.4	32	96	1	2	0	0	0	0	98	3.0				
Q.No.5	24	72	9	18	0	0	0	0	90	2.7				
Average										2.8				



Impact Analysis: From the above Table, Workshop on "Basics of MATLAB and SIMULINK" substantially attained to level 3 against mapped POs. 1,2,3,4,5,9,11&12
NOTE: Substantial or high = 3, Medium = 2 and Low = 1

Signature
 EESSA Coordinators

Signature
Dr. B. V. Madigond
 Prof. & Head BE, ME, Ph.D.
 Dept. of Electrical & Electronics Engg.
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