



Moodlakatte Institute of Technology

(A Unit of Moodlakatte Nagarathna Bhujanga Shetty Trust (R.))

(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)

Moodlakatte – 576 217, Kundapura Taluk, Udupi District, Karnataka

Date: 14.02.2021

- Topic** : **One day Research oriented Workshop on Fundamentals of Signals and Systems using MATLAB**
- Organized On** : **13.02.2021**
- Resource Person** : **Dr Usha Desai, Associate Professor, Dept of ECE NMAMIT, Nitte**
- Participants** : **Third year students from CSE & ECE**
No. of students – 83.

PREAMBLE

Signals & Systems are an important part of Embedded systems. If we can get information from sources and signals, they can be processed by means of systems. Signals and Systems are used in Variety of Applications, but not limited to Embedded systems, Robotics, Space, Agriculture, Energy and other domains. The Department of ECE has organized this workshop to make the students to understand basics of Signals and Systems and its application to Research. The Workshop will greatly enhance the knowledge of students on Signals and Systems by Working on MATLAB Simulations.

BRIEF PROFILE OF THE CHIEF GUEST

Dr Usha Desai is working as Associate Professor, in Dept. of Electronics & Communication Engineering, NMAMIT, Nitte. She has published various journals and guided many projects. Her area of interest is Computer Vision, Image Processing, Machine Learning, Deep Learning.

REPORT

Dr Usha Desai is working as Associate Professor, in Dept. of Electronics & Communication Engineering, NMAMIT, Nitte, conducted a workshop on " fundamentals of signals and systems using MATLAB", organized by the Department of ECE for the students on 13th February 2021. During the first session of the workshop, he spoke about the importance of Signals and Systems. The speaker started with the definition of Signal and Systems. Later she talked about

the importance of signals in day-to-day life. Later she discussed about using System with Processed Signals in variety of Applications.

In the second session, the speaker presented the topic of the day provided insights about importance, advantages and disadvantages of signals and Systems. Later the Speaker talked about misuse of Systems especially by Developed countries like the development of Bombs, Missiles and other devices harmful for Humans. She also went on to add about the evolution of systems with Green Technology that reduces harmful greenhouse effects and unwanted pollution. The talk concluded with the thanks giving.

ORGANIZING COMMITTEE

Chair:

Mr. BALANAGESHWARA, HOD Dept of ECE

Staff co-coordinators

Mr Raghunatha M D

Assistant professor, Dept of ECE

Student Coordinators:

AMAR BALGANV, FINAL YEAR ECE

SUKESH, FINAL YEAR ECE

FEEDBACK

Resource Person Feedback:

The Session was well planned and properly executed. The response from students was good. Student raised many questions regarding the talk. Resource person was particularly surprised by the interest taken by the student in the workshop. The Resource Person thanked MIT Kundapura for inviting her for the workshop.

Student Feedback:

Session was interesting and informative. Gained knowledge of Signals & Systems for Research. Students were motivated by the knowledge of the Resource Person and asked many questions regarding the topic. Students also requested the Head of the Department to organise more workshop on similar topics.

POSTER



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**One day Research oriented workshop on fundamentals of
signals and systems using MATLAB**

By

**Dr Usha Desai, Associate professor, Dept of E&C,
NMAMIT Nitte**

**Venue: Auditorium, MIT Kundapura
Date: 13th February 2021**

PHOTO





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Principal



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Date: 10.02.2021

CIRCULAR

This is to inform all Faculties, and third year students of the Department of Electronics & Communication Engineering & Department of Computer Science & Engineering that a one-day research-oriented workshop on Fundamentals and Signals and Systems using MATLAB will be organised on 13th February 2021 in the Auditorium at 10AM. Dr Usha Desai, Assistant Professor, Department of Electronics and Communication Engineering, NMAMIT Nitte would be the resource persons.

All are requested to participate in this workshop.


HOD


Principal

To: circulate among staff and students

Copy to: Department File



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**One day Research workshop on fundamentals of signals and systems using
MATLAB**

Participant List

Sl.no	Name	USN
1	ACHARYA ANKUSH RATHNAKAR	4MK19CS001
2	AJAY KUMAR C	4MK19CS002
3	AKASH J	4MK19CS003
4	AKHILESH	4MK19CS004
5	AKSHAY KUMAR	4MK19CS005
6	AMULYA SHETTY	4MK19CS006
7	ARCHANA	4MK19CS007
8	ASHFAQ JAKATI	4MK19CS008
9	AVINASH RATHOD	4MK19CS009
10	CHETANA	4MK19CS010
11	CHIDANANDA RAMAKRISHNA HEGDE	4MK19CS011
12	DEEPA KRISHNA BHOVIVADDAR	4MK19CS012
13	DHRUVA SHETTY	4MK19CS013
14	GOWRAV	4MK19CS014
15	HARISH DEVAPPA PATAGAR	4MK19CS015
16	HEMANTH J M	4MK19CS016
17	HITHAISHREE G C	4MK19CS017
18	JAYANTHI MARUTI DEVADIG	4MK19CS018
19	JEET KUMAR SINGH	4MK19CS019
20	K M SADIK	4MK19CS020
21	KARIGOUDA M	4MK19CS021
22	KARTHIK KAMATH	4MK19CS022
23	KAVYA S BALLOLLI	4MK19CS023
24	KOUSHIK UDUPA K K	4MK19CS024
25	MAHAMMAD SHAKEER K	4MK19CS025
26	MAHAMMED SAHEED	4MK19CS026
27	MAMATHA	4MK19CS027
28	MANI KEVALA	4MK19CS028
29	MANISH P	4MK19CS029
30	MANOHARA S	4MK19CS030
31	MANOJ C S	4MK19CS031
32	MEGHANA SHET	4MK19CS032
33	MEHBOOB KHAN	4MK19CS033
34	MOHAMMED ISAQ	4MK19CS034
35	MOHAMMED ZIYAD	4MK19CS035
36	MUBARAK M	4MK19CS036
37	NEHA K V	4MK19CS037
38	NEHA MARUTHI BHOVI	4MK19CS038

39	NEHA S	4MK19CS039
40	PADMAVATHI	4MK19CS040
41	POOJARI SHRIKANT MAHADEV	4MK19CS041
42	PRIYANKA P S	4MK19CS042
43	RAKSHITHA	4MK19CS043
44	RAKSHITHA	4MK19CS044
45	SAHANA R NAIK	4MK19CS045
46	SALMAN SAIKALGAR	4MK19CS046
47	SAMARTH PRASHANT SAVANT	4MK19CS047
48	SANJAY B	4MK19CS048
49	SHREYA U KAMATH	4MK19CS049
50	SNEHA G	4MK19CS050
51	SNEHA G S	4MK19CS051
52	SUPRITHA	4MK19CS052
53	SURYAKALA M	4MK19CS053
54	TEJASWINI IRAPPA NAIK	4MK19CS054



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One day Research workshop on fundamentals of signals and systems using		
Participant List		
1	A T GURUMURTHY	4MK19EC001
2	AMAR C BALAGANV	4MK19EC002
3	ANUSHA	4MK19EC003
4	CHANDAN KUMAR C N	4MK19EC004
5	DEEPAK	4MK19EC005
6	HAREESH K KOLAPPANAVAR	4MK19EC006
7	JAG MOHAN KUMAR RAY	4MK19EC007
8	KAVYA N	4MK19EC008
9	KAVYA P S	4MK19EC009
10	MADHURI SHETTY	4MK19EC010
11	MOHAMMAD FARHAN IMRAN	4MK19EC011
12	NAVYA M	4MK19EC012
13	PALLAVI S	4MK19EC013
14	PRAJWAL A N	4MK19EC014
15	PRAJWAL SURENDRA NAIK	4MK19EC015
16	PRAJWAL V JOSHI	4MK19EC016
17	PRATHAM RAJESH RAYKAR	4MK19EC017
18	PREETHAM	4MK19EC018
19	RAGHU B NAYAKAR	4MK19EC019
20	SAGAR Y P	4MK19EC020
21	SIRAJ AHMAD	4MK19EC021
22	SUKESH B S	4MK19EC022
23	SUMAAN KHAN R BAGEWADI	4MK19EC023
24	SUSHMA G	4MK19EC024
25	SWATHI B SWAMY	4MK19EC025
26	V PUNEETH	4MK19EC026
27	VEERENDRA P GOUDAR	4MK19EC027
28	VISHNUMOORTHY NAYAK	4MK19EC028
29	VISHWAS M A	4MK19EC029


HoD


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