

Date: 12/03/2021

To

The Head,

Department of Electronics Engineering

AVCOE, Sangamner.

Subject: Permission to conduct curricular/co-curricular activity in the department of Electronics Engineering.

Respected Madam,

Department of Electronics Engineering has planned to conduct a curricular/co-curricular activity in association with IEEE Circuits and System Society(CASS) Students Branch chapter.

Proposed Date of Event: 17/04/2021 To 22/04/2021

Type of Event: **Workshop**

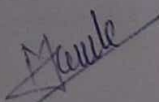
Title/Topic: **Octave Software For Digital Signal Processing**

Resource Persons: **Er. Kanawade M.T.**

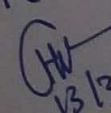
So kindly give a permission to organize the event.

Thanking You,

Yours faithfully


Er. M.T. Kanawade

IEEE Coordinator


13/3/21
HOD
Dept of Electronics Engg.
AVCOE Sangamner

To,
Er Kanawade M T.
Assistant Professor, Electronics Engg Dept
AVCOE, Sangamner

Subject-Invitation as resource person for Guest Lecture on "Workshop on Octave software for digital signal processing"

Dear, Er. Kanawade M.T.

Greetings....!!!!

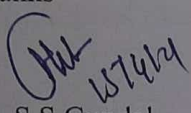
Ma'am, we are planning to conduct guest lecture on "Workshop on Octave software for digital signal processing" on 17/04/2021 to 22/04/2021 for TE students in association with IEEE Circuits and System Society (CASS) Students Branch chapter. The primary aim of arranging such sessions is to create interest among the students about Octave software for digital signal processing.

Being one of the experts in Octave software for digital signal processing, we will be grateful to you if you share your knowledge and experience with our students. Your contribution will be instrumental in keeping the pace with industry requirements and career paths of our students.

I hereby request you to accept our invitation. Kindly accept our invitation.

Looking forward to your kind acceptance.

Thanks


Dr. S.S. Gundal
H.O.D.,
Electronics Engineering

HOD
Dept of Electronics Engg
AVCOE Sangamner

Date: 25/04/2021

To,
The Principal,
AVCOE, Sangamner

Subject: **Report of "Workshop on Octave Software For Digital Signal Processing"**

Respected Sir,

Electronics Department conducted One Week Workshop on "Octave Software For Digital Signal Processing" for Third Year students of Electronics Engineering during 17th to 22nd April 2021. It is organized by Electronics Department. We are herewith submitting the report for the same.

Name of Resource Person : Er. Kanawade M.T.
Faculty, Electronics Engineering Dept.

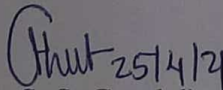
Subject : Octave Software For Digital Signal Processing.

Targeted students : TE students of Electronics Engineering.

Number of Students : 58

This is for your kind information

Thanking you


(Dr. S. S. Gundal)
Head of Department

HOD
Dept of Electronics Engg
AVCOE Sangamner

First Unplugged Songs from: x Octave Online - Cloud IDE comp: x +

← → C octave-online.net

OctaveOnline

MENU

Vars

```

octave:20> x=input('Enter the first discrete sequence = ');
Enter the first discrete sequence = [1 2 3 4]
octave:27> x2=input('Enter the sequence second discrete sequence = ');
Enter the sequence second discrete sequence = [5 6 7 8]
octave:28> a=x1*x2;
octave:29> a=x1*x2
a =
    6    8   10   12
octave:30> b=fft(x1)
b =
    10 + 0i   -2 + 2i   -2 + 0i   -2 - 2i
octave:31> c=fft(x2)
c =
    26 + 0i   -2 + 2i   -2 + 0i   -2 - 2i
octave:32> d=b+c
d =
    36 + 0i   -4 + 4i   -4 + 0i   -4 - 4i
octave:33> e=ifft(d)
e =
    6    8   10   12
  
```

Windows 11 brings you closer to what you love.




Octave Online - Cloud IDE comp: x +

← → C octave-online.net

OctaveOnline

MENU

Vars

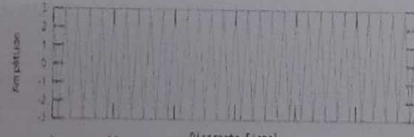
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ans
[1x51] n
[1x12] t
[1x12] x
[1x51] y
  
```

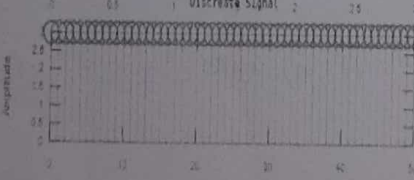
```

octave:16> ylabel('Amplitude')
  
```

Analog Signal



Discrete Signal



25/4

Amrutvahini College of Engineering, Sangamner
Department of Electronics Engineering
Octave Software for DSP and Applications

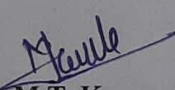
Objectives:

1. To know about Basics of Octave.
2. To introduce students to the Octave software for numerical computations for Digital Signal Processing
3. To solve linear and nonlinear problems numerically, and for performing other numerical experiments using a language that is mostly compatible with MATLAB.

Outcomes:

After completion of this course, student will be able to,

1. Write a simple program in Octave and simulate it.
2. Write program into command window and check outputs.
3. Solve linear and nonlinear problems using Octave software.
4. Understand use of different transforms and apply DFT for the analysis of discrete time signals and systems using Octave software.


Er. M.T. Kanawade
Course Coordinator


Dr. S.S. Gundal
H.O.D.
HOD
Dept of Electronics Engg
AWOE Sangamner

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRONICS ENGINEERING

Attendance Sheet

Workshop on Octave Software for Digital Signal Processing

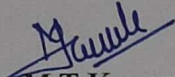
Class – TE

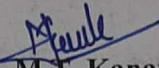
Date: 17/04/2021

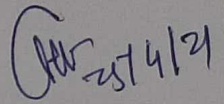
Sr. No.	Roll No.	Name of the Student
1.	2	Andhale Megha Ravsaheb
2.	3	Bagwan Mariya Asif
3.	5	Bhabad Sanket Vilas
4.	6	Bhalerao Kshitija Sakharam
5.	7	Bhangare Monali Madhukar
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53.	69	Shete Sneha Sudhakar
54.	72	Shinde Sopan Devram
55.	73	Sutar Kojagiri Adinath

56.	74	Varpe Aishwarya Navnath
57.	76	Waghmare Dipali Dattatraya


Er. M. T. Kanawade
Coordinator


Ms. M. T. Kanawade
IEEE Coordinator


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Dept of Electronics Engg
AVCOE Sangamner

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRONICS ENGINEERING

Attendance Sheet

Workshop on Octave Software for Digital Signal Processing

Class – TE

Date: 18/04/2024

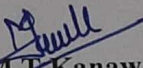
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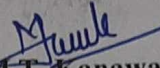
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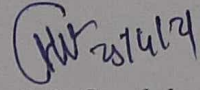
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Zinjurde Shubham Nanasaheb


Er. M. P. Kanawade
Coordinator


Ms. M. T. Kanawade
IEEE Coordinator


Dr. S. S. Gundal

HOD
Dept of Electronics Engg
AVCOE Sangamner

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER**DEPARTMENT OF ELECTRONICS ENGINEERING****Attendance Sheet****Workshop on Octave Software for Digital Signal Processing****Class – TE****Date: 19/04/2021**

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52.	76	Waghmare Dipali Dattatraya
53.	78	Zinjurde Shubham Nanasaheb

M. T. Kanawade
Er. M. T. Kanawade
 Coordinator

M. T. Kanawade
Ms. M. T. Kanawade
 IEEE Coordinator

Dr. S. S. Gundal
Dr. S. S. Gundal

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AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

DEPARTMENT OF ELECTRONICS ENGINEERING

Attendance Sheet

Workshop on Octave Software for Digital Signal Processing

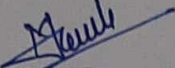
Class – TE

Date: 20/04/2021

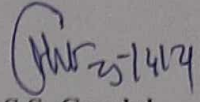
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Er. M. T. Kanawade
Coordinator


Ms. M. T. Kanawade
IEEE Coordinator


Dr. S. S. Gundal
H.O.D
Dept of Electronics Engg
AVCOE Sangamner

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

DEPARTMENT OF ELECTRONICS ENGINEERING

Attendance Sheet

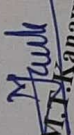
Workshop on Octave Software for Digital Signal Processing

Class – TE

Date: 21/04/2021

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1.	2	Andhale Megha Ravsaheb
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 Er. M. S. Kanawade
 Coordinator

56.	78	Zinjurde Shubham Nanasaheb
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Mank
Er. M. T. Kanawade
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IEEE Coordinator

HW 25/4/24
Dr. S.S. Gundal

HOD
Dept of Electronics Engg
AVC OE Sangamner

Workshop on Octave Software For Digital Signal Processing

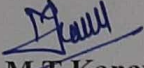
Class – TE

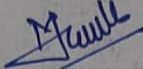
Date: 22/04/2021

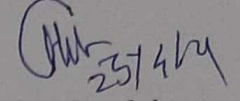
Sr. No.	Roll No.	Name of the Student
1.	2	AndhaleMeghaRavsaheb
2.	3	BagwanMariyaAsif
3.	5	BhabadSanketVilas
4.	6	BhaleraoKshitijaSakhara
5.	7	BhangareMonaliMadhuk
6.	8	BidveKrantiBhimraj
7.	10	ChothaveRohitRamdas
8.	11	ChoudhariKrunalRadhak
9.	12	DeshmukhVishakhaChadr
10.	13	DeshmukhJyotsna Anil
11.	15	FarooquiTalhaMajid
12.	16	GhugeAvishkaSadashiv
13.	18	GhulePritiBhausah
14.	20	GodaseDipika Kailas
15.	21	GodseRupesh Sanjay
16.	22	GosaviManishaSomnath
17.	23	GunjalAdeshDigambar
18.	24	HaseSupriyaRajendra
19.	26	JaybhayeSangitaBhausah
20.	27	Jorvekar Manoj Arun
21.	28	KadnarSagarSakharam
22.	30	KanawadeAbhishek shok
23.	31	KanawadeAkshada Anil
24.	33	KanganeReshma Anil
25.	34	KankatePunam Sanjay

26.	37	KhemnarKanchan Ashok
27.	38	Khond Nikhil Kisan
28.	39	Kolhe Nikita Vijay
29.	40	KshirsagarPranaliBalasa
30.	41	LandgeMeghanaMadhav
31.	42	MeherAakankshaTulshira
32.	44	Naikwadi Ganesh Baban
33.	45	NarkhadeDnyanadeoSanj
34.	46	NavaleNeha Ramesh
35.	47	Navale Puja Bhausaheb
36.	48	NawaleSaurabh Sunil
37.	49	NawaleSurabhiMadhukar
38.	50	NehePoojaRamnath
39.	52	PhapaleAartiRavindra
40.	54	RahaneChitralekhaSanja
41.	55	RahaneVaishnaviSampat
42.	56	Rane Karan Girish
43.	57	RanodeSarikaNamdev
44.	58	RautShraddhaRajendra
45.	59	SahaneDhanashri Sunil
46.	61	SanapMadhuriPunja
47.	62	SanapPallaviSharad
48.	63	SangaleSuvarnaBhausae
49.	64	SanglePallaviShashikant
50.	65	SatputeAkash Kailas
51.	67	ShelkeLokeshPrabhakar
52.	68	ShelkeSagarBhausae
53.	69	SheteSnehaSudhakar
54.	72	ShindeSopanDevram
55.	74	VarpeAishwaryaNavnath

56.	76	WaghmareDipaliDattatra
57.	78	ZinjurdeShubhamNanasa


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Date 22/04/2021

To,

Er Kanawade M T.

Assistant Professor,electronics engg Dept

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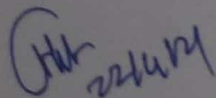
Letter of Appreciation

Dear, Er Kanawade M T.

We are writing this letter to express our gratefulness towards you for taking pains and clearing our students doubts on "Workshop on octave software for digital signal processing" on date 17/04/2021 to 22/04/2021 in association with IEEE Circuits and System Society(CASS) Students Branch chapter. We truly appreciate the way you taught our students and made them ready for the future exams. You have done a great favor to our students and we have no words to express our gratitude towards you.

We assure you that your efforts will not go waste and our students will pass out with excellent marks and make you feel proud of them. Once again, thanks for all the help extended to us.

With warm regards



Dr.S.S.Gundal

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