

Ashokrao Mane Group of Institutions, Faculty of Engineering

Department of Electronics and Telecommunication Engineering

Class:S.Y Sem:IV Academic Year: 2021-22

Course	Signals and Systems-BTETC402
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CO-PO CORRELATION

CO	COURSE OUTCOMES	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C402.1	Understand mathematical description & representation of	3	3													2
C402.2	Develop input output relationship for linear shift	3	3													2
C402.3	Understand and resolve the signals in frequency domain	3	3													2
C402.4	Understand the limitations of Fourier transform and need for	3	3													2
AVERAGE		3	3													2

CO ATTAINMENT(DIRECT)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C402.1	2.00	2.0	2.0												1.3
C402.2	2.00	2.0	2.0												1.3
C402.3	1.87	1.9	1.9												1.2
C402.4	2.00	2.0	2.0												1.3
PO ATTAINMENT(DIRECT)	2.0	2.0													1.3

CO ATTAINMENT(INDIRECT)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C402.1	2.43	2.4	2.4												1.6
C402.2	2.17	2.2	2.2												1.4
C402.3	2.51	2.5	2.5												1.7
C402.4	2.77	2.8	2.8												1.8
PO ATTAINMENT(INDIRECT)	2.5	2.5													1.6

PO ATTAINMENT(DIRECT)	2.0	2.0													1.3
PO ATTAINMENT(INDIRECT)	2.5	2.5													1.6
TOTAL PO ATTAINMENT	2.07	2.07													1.38


Course Teacher


H.O.D

Ashokrao Mane Group of Institutions, Faculty of Engineering	
Department of Electronics and Telecommunication Engineering	
Class: S.V Sem: IV Academic Year: 2021-22	
Course	Signals and Systems-BTETC402

Assessment Tools	SET LEVEL OF ATTAINMENT		
	3	2	1
MSE	60	50	40
Tutorial	80	70	60
ESE	60	50	40
Average	66.67	56.67	46.67

Course Outcome	Internal Assessment					External Assessment	% Direct Attainment	% Indirect Attainment	% Attainment =0.8*Direct Attain.+0.2* Indirect attain
	CA-I	MSE	CA-II	Tutorial	Total				
						ESE		Exit Survey	
C402.1	54.29	40.00		88.57	60.95	51.43	55.24	81.00	60.39
C402.2		40.00		88.57	64.29	51.43	56.57	72.33	59.72
C402.3		40.00	48.57	88.57	59.05	51.43	54.48	83.67	60.31
C402.4			48.57	88.57	68.57	51.43	58.29	92.33	65.10
%COA							56.14	82.33	61.38

Course Outcome	Internal Assessment					External Assessment	Level of Direct Attainment	Level of Indirect Attainment	Level of Attainment=0.8*Direct Attain.+0.2* Indirect attain
	CA-I	MSE	CA-II	Tutorial	Total				
						ESE		Exit Survey	
C402.1	2	1		3	2.00	2	2.00	2.43	2.09
C402.2		1		3	2.00	2	2.00	2.17	2.03
C402.3		1	1	3	1.67	2	1.87	2.51	2.00
C402.4			1	3	2.00	2	2.00	2.77	2.15
COA							1.97	2.47	2.07

Level of Direct Attainment	Level of Indirect Attainment	Level of Attainment =0.8*Direct Attain.+0.2* Indirect attain	Set target level	Attained (Yes/No)	Action Taken
2.00	2.43	2.09	2.00	Yes	Set target level 3
2.00	2.17	2.03	2.00	Yes	Set target level 3
1.87	2.51	2.00	2.00	Yes	Set target level 3
2.00	2.77	2.15	2.00	Yes	Set target level 3


Course Teacher


H.O.D

Ashokrao Mane Group of Institutions, Faculty of Engineering				
Department of Electronics and Telecommunication Engineering				
Class:S.Y Sem:IV Academic Year: 2021-22				
Course		Signals and Systems-BTETC402		
End Semester Exam Result				
	Set % Level	60	50	40
Roll.no.	Student Name	Grade Point	Total	%
		10	100	100
1	TODKAR ARATI JAYSING	5	45	45.00
2	BHOSALE VISHWAJEET VISHWANATH	0	-5	-5.00
3	DAREKAR ANKITA MACHINDRA	6	55	55.00
4	PATIL SAMARTH SANJAY	6	55	55.00
5	PATIL PRATYAY PRASHANT	5	45	45.00
6	POL ANIKET UMESH	0	-5	-5.00
7	PATIL MAMATA MAHAVIR	0	-5	-5.00
8	RAJAPURE NILESH BHAUSO	0	-5	-5.00
9	MOMIN NILOFAR ANJUM	6	55	55.00
10	KAMBLE PRITI SUNIL	0	-5	-5.00
11	GONDHALI SHIVANI DILIP	5	45	45.00
12	KADAM SHREYA VASANT	6	55	55.00
13	PATIL SANKET MAHADEV	5.5	50	50.00
14	PAGADE PAWAN NARHARI	5.5	50	50.00
15	KHANDEKAR AKSHAY BABAN	0	-5	-5.00
16	BADDUR PRADNYA BASAVRAJ	5	45	45.00
17	PATIL ASHUTOSH JAMBUKUMAR	5	45	45.00
18	DONGALE PRATIK PANDURANG	7	65	65.00
19	CHOUGALE GANESH PRAKASH	5	45	45.00
20	SATVASHIL SANJAY DABADE	0	-5	-5.00
21	CHARAPALE ANIKET ADINATH	0	-5	-5.00
22	PATIL PRATIK SUNIL	0	-5	-5.00
23	GOTE RUTUJA SUNILDATT	6	55	55.00
24	MASAL SAYALI SACHIN	0	-5	-5.00
25	THORWAT PRASAD ANIL	0	-5	-5.00
26	PATIL ABHISHEK GAJENDRA	0	-5	-5.00
27	KUDACHE PRANITA ARUN	6.5	60	60.00
28	DONGALE RAHUL SADASHIV	0	-5	-5.00
29	DHOBALE PRATIKSHA RAMESH	5.5	50	50.00
30	PATIL RUTUJA PRAKASH	0	-5	-5.00
31	DIWANI MUKUND KISHOR	0	-5	-5.00
32	SHINDE MOHINI RAMESH	6.5	60	60.00
33	MADURKAR SNEHAL DHANANJAY	6	55	55.00
34	SWAMI CHAITRALI NAGRAJ	0	-5	-5.00
35	PATIL AKSHAY SANJAY	0	-5	-5.00
	Total		850	850
	Average		24	24
	Set target		40	40
	Total no. of students		35	35
	No. of students scoring >set level		18	18
	% of students scoring > avg. marks (%ATTAINMENT)		51.43	51.43
	Attainment level		2	2

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Course Teacher

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Ashokrao Mane Group of Institutions, Faculty of Engineering
Department of Electronics and Telecommunication Engineering

Class: S.Y Sem: IV Academic Year: 2021-22

Course		Tutorials													
Set % Level		80		70		60									
Roll No.	Name	C402.1		C402.1		C402.2		C402.2		C402.3		C402.3		C402.4	
		T1	%	T2	%	T3	%	T4	%	T5	%	T6	%	T7	%
1	TODKAR ARATI JAYSING	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00
2	BHOSALE VISHWAJEET VISHWAN	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
3	DAREKAR ANKITA MACHINDRA	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00
4	PATIL SAMARTH SANJAY	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00
5	PATIL PRATYAY PRASHANT	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00
6	POL ANIKET UMESH	3	60.00	3	60.00	3	60.00	3	60.00	3	60.00	3	60.00	3	60.00
7	PATIL MAMATA MAHAVIR	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
8	RAJAPURE NILESH BHAUSO	3	60.00	3	60.00	3	60.00	3	60.00	3	60.00	3	60.00	3	60.00
9	MOMIN NILOFAR ANJUM	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00
10	KAMBLE PRITI SUNIL	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
11	GONDHALI SHIVANI DILIP	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
12	KADAM SHREYA VASANT	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
13	PATIL SANKET MAHADEV	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
14	PAGADE PAWAN NARHARI	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
15	KHANDEKAR AKSHAY BABAN	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
16	BADDUR PRADNYA BASAVRAJ	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
17	PATIL ASHUTOSH JAMBUKUMAR	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
18	DONGALE PRATIK PANDURANG	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
19	CHOUGALE GANESH PRAKASH	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
20	SATVASHIL SANJAY DABADE	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
21	CHARAPALE ANIKET ADINATH	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
22	PATIL PRATIK SUNIL	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
23	GOTE RUTUJA SUNILDATT	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
24	MASAL SAYALI SACHIN	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
25	THORWAT PRASAD ANIL	3	60.00	3	60.00	3	60.00	3	60.00	3	60.00	3	60.00	3	60.00
26	PATIL ABHISHEK GAJENDRA	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
27	KUDACHE PRANITA ARUN	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00
28	DONGALE RAHUL SADASHIV	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
29	DHOBALE PRATIKSHA RAMESH	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
30	PATIL RUTUJA PRAKASH	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
31	DIWANI MUKUND KISHOR	3	60.00	3	60.00	3	60.00	3	60.00	3	60.00	3	60.00	3	60.00
32	SHINDE MOHINI RAMESH	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00	5	100.00
33	MADURKAR SNEHAL DHANANJAY	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
34	SWAMI CHAITRALI NAGRAJ	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
35	PATIL AKSHAY SANJAY	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00	4	80.00
Total		2860		2860		2860		2860		2860		2860		2860	
Average		82		82		82		82		82		82		82	
Set target		80		80		80		80		80		80		80	
Total no. of students		35		35		35		35		35		35		35	
No. of students scoring >set target		31		31		31		31		31		31		31	
% of students scoring > set target (%ATTAINMENT)		88.57		88.57		88.57		88.57		88.57		88.57		88.57	
Attainment level		3		3		3		3		3		3		3	

[Signature]
Course Teacher

5/4
MOD

Ashokrao Mane Group of Institutions, Faculty of Engineering
Department of Electronics and Telecommunication Engineering

Class: S.Y Sem: IV Academic Year: 2021-22

Course		Signals and Systems-III EC 402													
Unit Test		(402.1)				(402.2)				(402.3)				(402.4)	
Set % Level		60		50		40									
Roll No.	Name	CA-I		MSE QT		MSE		MSE		CA-II QT		CA-II			
		Q1,Q2	%	Q2 A	%	Q2 B, C	%	Q2 D	%	Q2 A,B	%	Q2 C,D	%		
		20	100	10	100	10	100	5	100	15	100	10	100		
1	TODKAR ARATI JAYSING	8	40.00	6	60.00	6	60.00	3	60.00	12	80.00	8	80.00		
2	BHOSALE VISHWAJIT VISHWANATH	8	40.00	3	25.00	3	25.00	1	25.00	6	40.00	4	40.00		
3	DAREKAR ANKITA MACHINDRA	14	70.00	9	85.00	9	85.00	4	85.00	11	70.00	7	70.00		
4	PATIL SAMARTH SANJAY	14	70.00	9	85.00	9	85.00	4	85.00	11	70.00	7	70.00		
5	PATIL PRATYAY PRASHANT	8	40.00	6	60.00	6	60.00	3	60.00	11	70.00	7	70.00		
6	POL ANIKET UMESH	4	20.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00		
7	PATIL MAMATA MAHAVIR	10	50.00	4	35.00	4	35.00	2	35.00	9	60.00	6	60.00		
8	RAJAPURI NILESH BHAUSO	8	40.00	1	10.00	1	10.00	1	10.00	8	50.00	5	50.00		
9	MOMIN NILOFAR ANJUM	12	60.00	6	55.00	6	55.00	3	55.00	9	60.00	6	60.00		
10	KAMBLE PRITI SUNIL	8	40.00	4	35.00	4	35.00	2	35.00	8	50.00	5	50.00		
11	GONDHALI SHIVANI DILIP	8	40.00	3	25.00	3	25.00	1	25.00	9	60.00	6	60.00		
12	KADAM SHREYA VASANT	18	90.00	8	75.00	8	75.00	4	75.00	8	50.00	5	50.00		
13	PATIL SANKET MAHADEV	12	60.00	4	40.00	4	40.00	2	40.00	11	70.00	7	70.00		
14	PAGADE PAWAN NARHARI	10	50.00	4	35.00	4	35.00	2	35.00	9	60.00	6	60.00		
15	KHANDEKAR AKSHAY BABAN	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00		
16	BADDUR PRADNYA BASAVRAJ	14	70.00	4	35.00	4	35.00	2	35.00	9	60.00	6	60.00		
17	PATIL ASHUTOSH JAMBUKUMAR	4	20.00	3	25.00	3	25.00	1	25.00	0	0.00	0	0.00		
18	DONGALE PRATIK PANDURANG	4	20.00	4	35.00	4	35.00	2	35.00	5	30.00	3	30.00		
19	CHOUGALE GANESH PRAKASH	6	30.00	4	40.00	4	40.00	2	40.00	5	30.00	3	30.00		
20	SATVASHIL SANJAY DABADE	0	0.00	3	30.00	3	30.00	2	30.00	2	10.00	1	10.00		
21	CHARAPALE ANIKET ADINATH	6	30.00	3	25.00	3	25.00	1	25.00	3	20.00	2	20.00		
22	PATIL PRATIK SUNIL	8	40.00	3	25.00	3	25.00	1	25.00	5	30.00	3	30.00		
23	GOTE RUTUJA SUNILDATT	6	30.00	4	40.00	4	40.00	2	40.00	5	30.00	3	30.00		
24	MASAL SAYALI SACHIN	4	20.00	4	35.00	4	35.00	2	35.00	0	0.00	0	0.00		
25	THORWAT PRASAD ANIL	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00		
26	PATIL ABHISHEK GAJENDRA	4	20.00	1	10.00	1	10.00	1	10.00	5	30.00	3	30.00		
27	KUDACHE PRANITA ARUN	12	60.00	8	80.00	8	80.00	4	80.00	12	80.00	8	80.00		
28	DONGALE RAHUL SADASHIV	0	0.00	4	40.00	4	40.00	2	40.00	0	0.00	0	0.00		
29	DHOBALE PRATIKSHA RAMESH	10	50.00	4	35.00	4	35.00	2	35.00	9	60.00	6	60.00		
30	PATIL RUTUJA PRAKASH	8	40.00	6	55.00	6	55.00	3	55.00	11	70.00	7	70.00		
31	DIWANI MUKUND KISHOR	6	30.00	2	20.00	2	20.00	1	20.00	6	40.00	4	40.00		
32	SHINDE MOHINI RAMESH	10	50.00	4	40.00	4	40.00	2	40.00	12	80.00	8	80.00		
33	MADURKAR SNEHAL DHANANJAY	6	30.00	5	45.00	5	45.00	2	45.00	5	30.00	3	30.00		
34	SWAMI CHAITRALI NAGRAJ	6	30.00	3	30.00	3	30.00	2	30.00	5	30.00	3	30.00		
35	PATIL AKSHAY SANJAY	4	20.00	3	30.00	3	30.00	2	30.00	3	20.00	2	20.00		
Total		1300		1300		1300		1300		1440		1440			
Average		37		37		37		37		41		41			
Set target		40		40		40		40		41		41			
Total no. of students		35		35		35		35		35		35			
No. of students scoring >Set target		19		14		14		14		17		17			
% of students scoring > set target (%ATTAINMENT)		54.29		40.00		40.00		40.00		48.57		48.57			
Attainment level		2		1		1		1		1		1			

Signature
Course Teacher

Signature
HOD