SARASWATI Education Society's

SARASWATI College of Engineering

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Kharghar, Navi Mumbai - 410 210.

DPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Academic Year 2017-18

Date:

Course Exit Survey

Class/Sem: TE/V   Subject Name: Random Signal Analysis

Subject Teacher: Pallavi Kharat   Signature-

Sr No	Name of Student	Q1	Q2	Q3	Q4	Q5	Signature
1	AMBURLE SAURABH SUBHASH	3	4	5	4	3	SSAmburle
2	BHAGDE ASHISH JAYRAM	4	5	3	3	5	SBhagde
3	BHANDARE NAYNA VIJAY	5	3	4	4	3	Nayan
4	BHOIR MANJEET DNYANESHWAR	4	5	3	5	4	Bhoir
5	CHAVAN AKASH ARVIND	3	4	5	4	3	Chuan
6	CHAVAN SHUBHAM SHIVADATTA	4	3	5	4	5	Shubham
7	DANAVALE PRASAD VILAS	5	4	3	3	6	Danwale
8	DHERE SHITAL RAMCHANDRA	4	3	5	4	3	SRDhere
9	DUBEY YOGITA ANAND	3	4	5	4	5	YOGITA
10	DUDAM KOMAL SHREENIVAS	5	3	4	3	4	ESD
11	DWIVEDI SAMRAJ SANJAY	4	5	3	4	3	SSDwi
12	GADDAM VIKAS PRAKASH	3	4	5	3	4	Gaddam
13	GAIKWAD PRADNYA UTTAMRAO	5	3	4	4	3	P.Gaikwad
14	GAMARE SAURABH YASHPAL	3	4	5	4	5	SYGamare
15	GIRAP KARTIK SURESH	4	5	3	3	4	KSG
16	JHA PRITESH DEOCHANDRA	3	4	5	4	3	P. JHA
17	KASABE PRAGATI BANDU	5	3	4	3	4	P.K Bandu
18	KONKAR CHINMAY GAJANAN	4	5	3	4	3	KONKAR
19	KORKE AJAY VIJAY	3	4	5	5	4	AJAY
20	KULKARNI POORTI HEMANT	5	5	4	5	4	P.kulkarni
21	MHAPANKAR TANMAY RAMCHANDRA	4	5	4	5	3	TM
22	NAYAK PRIYANKA RAJENDRA	3	4	5	4	5	NAYAC.
23	PAL RAM SHILOCHAN	5	3	4	3	4	PalRam
24	PANNU NARPINDER SINGH GURINDER	3	4	5	5	3	N. Pannu
25	PATEL EKTA PRAVINKUMAR	4	5	3	4	5	Patel

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No.	Name						Signature
67	SHINDE POONAM	3	4	5	5	4	
68	PATIL PRATHMESH	4	5	3	4	4	
69	PATIL GIRISH	5	2	4	3	4	
70	GURKHE SHUBHAM A.	3	4	4	5	4	
71	DESHMUKH PUNIT P.	4	3	4	5	5	
72	SURYAVANSHI BHUPESH	5	4	3	4	3	
73	SALVI TEJAS	3	5	4	5	5	
74	TELI ABHIJEET S.	4	4	3	5	4	
75	TANDEL PRATIK	3	4	5	4	4	
76	ADHAV SUYASH	4	5	3	5	4	
77	KARGUTKAR SUSHIL	5	5	4	3	4	
78	GOTARNE MAYURESH	3	4	5	4	5	
79	PATHAN IMRAN KHAN	4	3	4	3	4	
80	GARUD NIKITA	3	4	4	5	5	
81	BALLAL RUSHIKESH	5	5	3	4	4	
82	MHATRE PRACHI	3	4	5	5	3	
83	BHATKAR NEETA	4	5	3	4	5	
84	KHATAL SURAJ	3	4	5	3	4	
85	INDULKAR SAHIL	4	5	3	4	3	
86	JAISWAR SUSHIL	3	4	5	5	3	
87	MAHADIK SAGAR	5	3	4	3	4	
88	AMBARE SAURABH SUDHAKAR	3	4	5	3	3	
89	AMBHORE SUVAISH SUBHASH	4	5	3	4	3	
90	ARANKAR VINAY DEVENDRA	3	4	5	3	4	
91	ARDALKAR AKASH SADASHIV	4	5	4	3	5	
92	ATHAWALE NIKHIL DADARAO	3	4	5	4	5	
93	BADHAI VISHAL INDRAJEET	4	5	2	3	4	
94	BHERE SHWETA NARAYAN	5	3	4	3	5	
95	BORATE PRASANNA DASHRATH	4	5	3	4	3	
96	CHIKANE RAHUL KRISHNA	3	4	5	3	4	
97	CHILE NAVJYOT ANIL	4	5	3	4	5	
98	CHORMULE AKSHITA TANAJI	5	4	3	3	4	
99	DANGAT AMAR RAJESH	3	4	5	4	3	
100	DHARVE DEEPAK MANOHAR	4	5	3	3	4	
101	DHERE ROHIT DINKAR	5	4	3	4	5	
102	PARAB UDHHAV	3	5	4	5	4	
103	GORATHE ROSHANEE RAM	4	5	3	4	3	
104	GURAV SHAMBHURAJE BHAGWAN	3	4	5	3	4	
105	TELI ABHIJEET	5	3	4	5	3	
106	JADHAV VIKRANT SUBHASH	3	4	5	3	4	
107	JUIKAR HRISHIKESH SANDEEP	3	4	3	5	3	

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26	PATIL GANDHAR MAHESH	3	4	5	4	3	Gmpatil
27	PATIL PRASHANT NARAYAN	4	5	3	3	5	PNPatil
28	PATIL SMIT VASANT	5	3	4	4	5	SVPatil
29	PAWAR DIVYA PRAVEEN	3	4	5	3	4	DPPaween
30	POTKULE MANGESH BALASAHEB	4	5	3	3	5	MbPotakule
31	POWAR MEGHA SANJAY	3	4	5	4	3	MS Powar
32	RAJBHAR MANAV DEVRAJ	4	5	3	4	5	mRarabhan
33	RAUT SONALI SUNIL	3	4	5	4	5	RUT.
34	REVANKAR VINAY RAJESH	4	5	3	4	3	VINAY
35	SAWANT MANGESH POPAT	3	4	5	5	4	Sawant
36	SHELAR AJAY DILIP	5	3	3	4	5	ADShelar
37	SHRIPURAM MANISH MADHUKAR	3	4	5	3	4	manish
38	SINGH AVNISH ARVIND	4	3	5	4	3	ASingh
39	SINGH NAMIT MUMUN	3	4	5	3	5	NSingh
40	SONAWANE KRUNAL RAVINDRA	5	3	4	4	5	Kunal
41	TIRLOTKAR GANESH CHANDRAKANT	3	4	5	3	4	TiLotakar8
42	UDUGADE SUPRIYA ANANDA	4	5	3	4	3	Supriya
43	WAGH SUYASH HARISHCHANDRA	3	4	5	3	4	wagh
44	WALHEKAR ASHWINI DNYANESHWAR	4	5	3	4	5	Awalekar
45	YADAV SHYAMSUNDER RAMCHANDRA	3	4	5	3	4	Yadhao
46	ANKOLEKAR VINAYAK PRAKASH	5	3	4	3	5	VINAY
47	MAVLE SHIVANEE RAJESH	3	4	5	4	3	Shivee
48	MEENA PRIYANKA SITARAN	4	3	4	3	5	MEENA
49	PATHAN IMRAN	5	3	5	4	3	IMRAN.
50	GARUD NIKITA	3	4	4	5	3	NGarud
51	BHALERAO MANISHA R.	3	5	3	4	4	Bhalerao
52	BHANDARE SMITA S.	4	5	4	5	5	SmitaS
53	KAMBLE MAHESH S.	3	4	5	4	4	Mamishi
54	DUPTE MAITHILI	4	5	5	3	4	Dupte m
55	KUMBHARKAR SANKET S.	3	4	5	4	3	Kubharkar S.
56	GHARAT PRANIL R.	4	5	3	3	4	P. Gharat
57	GUNJAL SUKANYA SUNIL	3	4	5	3	5	Sunil
58	KARULKAR JAI NARENDRA	4	5	3	4	5	JAI k.
59	AMBRE ASMITA SURENDRA	3	4	5	5	4	Asmita
60	DHANESHWAR POOJA ANIL	4	3	4	3	5	POOJA D.
61	DEOLEKAR PRANIT	3	4	5	4	3	Pranit
62	KAKADE SWAPNIL R.	5	4	3	3	4	Swapnil k
63	RAHUL S. JAGTAP	3	4	5	4	3	Rahul.S
64	BHOPI ANKITA A	4	3	4	5	5	Bhopi A
65	BHOIR PRATIK V.	3	4	5	4	3	Ankita B
66	SONAWANE KORNISHA	4	3	4	5	5	Sonawde

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No.	Name						Sign
248	SHINDE VINEETA TUKARAM	3	4	5	4	5	
249	SHINDE GOPAL SANJAY	4	3	4	3	5	
250	SHINDE SANTOSH RAMCHANDRA	5	4	3	5	4	
251	SHIRKAT KRANTI HEMCHANDRA	3	5	4	3	3	
252	SHITT KAUSHIK DHARMILAL	5	4	3	4	4	
253	SIDDIQUI SOHAIL ASHFAQUE	3	4	5	3	5	
254	THAKUR SETURAM HARISHCHAND	4	3	4	3	4	
255	UMBE SNEHAL GOPAL	5	4	3	4	5	
256	WAGHMARE VISHAL MANOHAR	3	5	4	4	3	
257	UTEKAR DHANRAJ	4	3	5	3	4	
258	ZENDE KETAN	3	4	4	5	3	
259	THORAT PRASHANT	5	3	5	4	5	
260	KANCHAN KSHITIJ	3	4	5	3	4	
261	SALVE JAYESH	4	3	4	5	5	
262	DABE KUMARGAREE	3	4	5	4	4	
263	PATIL SANSKAR	4	3	4	3	5	
264	KESKAR TEJAS	3	4	5	4	3	

Electronics & Telecomm. Engg.

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Course Exit survey

Subject Name: Random Signal Analysis

Class/Sem: TE/V

Course Outcomes

After successful completion of the course student will be able to:

1. Apply theory of probability in identifying and solving relevant problems.
2. Define and differentiate random variables and vector through the use of cumulative distribution function (CDF), probability density function (PDF), probability mass function (PMF) as well as joint, marginal and conditional CDF, PDF and PMF.
3. Show probability and expectation computations using important discrete and continuous random variable types.
4. Define and specify random processes and determine whether a given process is stationary or wide sense stationary.
5. Determine the response of a linear time invariant system to such a random process.
6. Describe basic concepts related to Markov chains and queuing theory and relate it to seal world applications.

Questions:

Que1. Did you understand the random variables and vector through the use of (CDF), (PDF), (PMF as well as joint, marginal and conditional CDF, PDF and PMF?

Que2. Can you Apply theory of probability in identifying and solving relevant problems?

Que3. Can you define and specify random processes and determine whether a given process i stationary or wide sense stationary.

Que4. Can you understand the linear time invariant system?

Que5. Did you understand the basic concepts related to Markov chains and queuing theory and relat it to seal world applications.?

Note: Kindly grade the Questionnaire as:

Excellent - 5
Very good - 4
Good - 3
Satisfactory - 2
Poor – 1

Department of Electronics and Telecommunication Engineering

Action Taken based on Feedback from students (CO &PO)

Academic Year 2017-2018

Summary of Feedback (Semester- 3)

Feedback collected through course exit forms were analyzed and necessary action were planned for effective teaching abstract of suggestions obtained from the stack holder to enhance employability of the students are discussed below.

- More practice for measurement of Digital systems design.
- Need awareness about the latest technology and measurement practices in industry.
- Exposure to electronics Instrumentation and control related software given in curriculum.
- Need of animated videos for better understandings.

Action Taken:

Based on suggestions various events are organized events are selected such that it will be beneficial for student career details of event organized at institutional level and department level are mentioned below.

Sr. No	Feedbacks/Suggestions	Action Taken	Date
1	Latest Electronics devices manufacturing trends and measurement practices in industry	Practical's session conducted.	Implemented during regular academic year
2	More practice on measurements of electronics components and measurements.	Demonstrate software based measurements.	Executed via classroom teaching.

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Action Taken based on Feedback from students (CO & PO)

Academic Year 2017-2018

Summary of Feedback (Semester-4)

Feedback collected through course exit forms were analyzed and necessary action were planned for effective teaching abstract of suggestions obtained from the stack holder to enhance employability of the students are discussed below.

- More practice for measurement of Digital Electronics.
- Need awareness about the latest technology and measurement practices in transmission lines (Two conductor)
- Exporter to electronics telecommunication engineering software related to subject in curriculum.
- Need of animated videos for better understandings.

Action Taken:

Based on suggestions various events are organized events are selected such that it will be beneficial for student career details of event organized at institutional level and department level are mentioned below.

Sr. No	Feedbacks/Suggestions	Action Taken	Date
1	Teaching aids	Online teaching aids	Implemented during regular academic year
2	More practice on Electronics amplifiers design (AE-II)	Traditional amplifier designing problem solving	Executed via classroom teaching methods.

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Action Taken based on Feedback from students (CO & PO)

Academic Year 2017-2018

Summary of Feedback (Semester-5)

Feedback collected through course exit forms were analyzed and necessary action were planned for effective teaching abstract of suggestions obtained from the stack holder to enhance employability of the students are discussed below.

- Additional practice for Business communication and Ethics (BCE).
- Need awareness about the latest technology and practices in industry.
- Exporter to electronics telecommunication engineering software related to subject in curriculum.
- Need of animated videos for better understandings for RF modelling and Antennas,

Action Taken:

Based on suggestions various events are organized events are selected such that it will be beneficial for student career details of event organized at institutional level and department level are mentioned below.

Sr. No	Feedbacks/Suggestions	Action Taken	Date
1	Teaching aids	Online teaching aids	Implemented during regular academic year
2	Demonstrate knowledge of antennas in communication systems. Ability to discriminate between antennas on the basis of their electrical performance.	Animated software were utilized	Executed via Software's like Mentor graphics IE3D.

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Action Taken based on Feedback from students (CO &PO)

Academic Year 2017-2018

Summary of Feedback (Semester- 6)

Response were collected through course exit forms were analyzed and necessary action were planned for effective teaching abstract of suggestions obtained from the stack holder to enhance employability of the students are discussed below.

- More practice for on data communication and networking (CCN).
- Need awareness about the latest technology and measurement practices in industry.
- Exposure to electronics telecommunication engineering software related to subject in curriculum.
- Need of animated videos for better understandings.

Action Taken:

Based on suggestions various events are organized events are selected such that it will be beneficial for student career details of event organized at institutional level and department level are mentioned below.

Sr. No	Feedbacks/Suggestions	Action Taken	Date
1	Television engineering, data communication and networking commands knowledge	Practical's session conducted on BW TV experiment kit,	Implemented during regular academic year
2	More practice on Image processing and vision.	Demonstrate software based image processing .	Executed via online classroom platform.

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Action Taken based on Feedback from students (CO &PO)

Academic Year 2017-2018

Summary of Feedback (Semester- 7)

Feedback collected through course exit forms were analyzed and necessary action were planned for effective teaching abstract of suggestions obtained from the stack holder to enhance employability of the students are discussed below.

- Additional rehearsal for on Image and Video Processing tools and techniques.
- Need awareness about the latest technology used for Mobile Communication Systems
- Exposure to electronics telecommunication engineering software related to subject in curriculum.
- Need of NPTEL video lectures for better understandings.

Action Taken:

Based on suggestions various events are organized events are selected such that it will be beneficial for student career details of event organized at institutional level and department level are mentioned below.

Sr. No	Feedbacks/Suggestions	Action Taken	Date
1	Latest Image and video processing techniques knowledge for real-time applications.	Practical's session conducted	Implemented during regular academic year
2	More practice on Image processing and vision.	Demonstrate software based Image processing .	Executed via NPTEL online video lectures.

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Action Taken based on Feedback from students (CO &PO)

Academic Year 2017-2018

Summary of Feedback (Semester- 8)

Feedback collected through course exit forms were analyzed and necessary action were planned for effective teaching abstract of suggestions obtained from the stack holder to enhance employability of the students are discussed below.

- Need awareness about the latest technology used in Wireless Networks.
- Exposure to Telecommunication Networks (TNM) subject in curriculum.
- Need of animated videos for better understandings.

Action Taken:

Based on suggestions various events are organized events are selected such that it will be beneficial for student career details of event organized at institutional level and department level are mentioned below.

Sr. No	Feedbacks/Suggestions	Action Taken	Date
1	Modern Data and Telecommunication networking Management knowledge	Understand different Networking Standards like IEEE, IETF,TNM etc	Implemented during regular academic year
2	More practice Wireless Networks standards	Demonstrate the practical's based on designing Wireless Networks..	Executed via online WN Laboratory practical's sessions in regular timetable.

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