



SARASWATI Education Society's  
**SARASWATI College of Engineering**

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Kharghar, Navi Mumbai - 410 210.

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Academic Year 2016-17

Course Exit Survey

Class/Sem: SE/IV

Subject Teacher: Rajshree Navwade.

Subject Name: Analog Electronics II

Signature-

| Sr No | Name                               | Q1 | Q2 | Q3 | Q4 | Q5 | Signature |
|-------|------------------------------------|----|----|----|----|----|-----------|
| 1     | AMBARE SAURABH SUDHAKAR SULOCHANA  | 4  | 3  | 5  | 4  | 3  | ass       |
| 2     | AMBHORE SUVAISH SUBHASH VAISHALI   | 5  | 4  | 3  | 3  | 4  | ass       |
| 3     | AMBURLE SAURABH SUBHASH SNEHA      | 3  | 4  | 5  | 3  | 3  | amburbss  |
| 4     | ANKOLEKAR VINAYAK PRAKASH NAGRATNA | 3  | 4  | 5  | 3  | 4  | ANP       |
| 5     | ARANKAR VINAY DEVENDRA SUNITA      | 5  | 4  | 3  | 4  | 3  | AND       |
| 6     | ARDALKAR AKASH SADASHIV MANGAL     | 4  | 3  | 5  | 3  | 4  | aa        |
| 7     | ATHAWALE NIKHIL DADARAO VANITA     | 3  | 4  | 5  | 3  | 3  | ana       |
| 8     | BADHAI VISHAL INDRAJEET ANARKALI   | 3  | 4  | 5  | 3  | 4  | BIT       |
| 9     | BHAGDE ASHISH JAYRAM JAGRUTI       | 4  | 3  | 3  | 5  | 4  | BNJ       |
| 10    | BHANDARE NAYNA VIJAY REKHA         | 5  | 4  | 3  | 5  | 3  | BNW       |
| 11    | BHERE SHWETA NARAYAN NAYANA        | 5  | 4  | 4  | 3  | 3  | BSN       |
| 12    | BHOIR MANJEET DNYANESHWAR SUVARANA | 3  | 4  | 5  | 3  | 4  | BMP       |
| 13    | BORATE PRASANNA DASHARATH SUREKHA  | 3  | 4  | 5  | 4  | 4  | Bpd       |
| 14    | CHAVAN AKASH ARVIND SUVARNA        | 5  | 3  | 4  | 3  | 4  | chavanda  |
| 15    | CHAVAN SHUBHAM SHIVADATTA ASHA     | 5  | 4  | 3  | 3  | 3  | css       |
| 16    | CHIKANE RAHUL KRISHNA VIDYA        | 3  | 4  | 5  | 3  | 4  | CRK       |
| 17    | CHILE NAVJYOT ANIL SHITAL          | 4  | 5  | 3  | 4  | 3  | ONE       |
| 18    | CHORMULE AKSHITA TANAJI SUNITA     | 5  | 4  | 3  | 3  | 4  | CAF       |
| 19    | DANAVALLE PRASAD VILAS SHARDA      | 3  | 4  | 5  | 3  | 3  | IPV       |
| 20    | DANGAT AMAR RAJESH SUREKHA         | 3  | 4  | 5  | 3  | 4  | DA        |
| 21    | DHARVE DEEPAK MANOHAR SUNANDA      | 5  | 4  | 3  | 4  | 3  | ddw       |

|     |                                    |    |   |   |   |   |     |
|-----|------------------------------------|----|---|---|---|---|-----|
| 97  | SAVANI ANHIL SANJAY VAHGANI        | 11 | 4 | 5 | 3 | 5 | 100 |
| 98  | SAVANI RAHUL GOPAL KALPADA         | 11 | 4 | 5 | 3 | 5 | 100 |
| 99  | SAVANI PRATHIKSHI PRASHANT         | 11 | 4 | 5 | 3 | 5 | 100 |
| 100 | SHASHI A                           | 11 | 4 | 5 | 3 | 5 | 100 |
| 101 | SHARDA DEEPA THEJESH HANDBA        | 11 | 4 | 5 | 3 | 5 | 100 |
| 102 | SHAMBAK A                          | 11 | 4 | 5 | 3 | 5 | 100 |
| 103 | SHETAR ATAY HIRJI ANAND            | 11 | 4 | 5 | 3 | 5 | 100 |
| 104 | SHINDHE RAHUL MAHENDR SARJITA      | 11 | 4 | 5 | 3 | 5 | 100 |
| 105 | SHIVANI ARUN ANAND ASHWINI         | 11 | 4 | 5 | 3 | 5 | 100 |
| 106 | SHINDHE DEEPA YASHWANT RABHA       | 11 | 4 | 5 | 3 | 5 | 100 |
| 107 | SHINDHE RUPAL SANJAY VAISHALI      | 11 | 4 | 5 | 3 | 5 | 100 |
| 108 | SHINDHE SURESH HARSH HANDBA JYOTI  | 11 | 4 | 5 | 3 | 5 | 100 |
| 109 | SHIRSAT ANKITA HEER HANDBA KRUSANI | 11 | 4 | 5 | 3 | 5 | 100 |
| 110 | SHI KAVSHIK JADHARAJ MARSHI        | 11 | 4 | 5 | 3 | 5 | 100 |
| 111 | SHRIPURANI MAHESH MADHURAJ LATA    | 11 | 4 | 5 | 3 | 5 | 100 |
| 112 | SINGH AVHISH ARVIND MAYA           | 11 | 4 | 5 | 3 | 5 | 100 |
| 113 | SINGH NAKH KUMAR BILA              | 11 | 4 | 5 | 3 | 5 | 100 |
| 114 | SOL ANEI DEARMU SH RAJESH RAMILA   | 11 | 4 | 5 | 3 | 5 | 100 |
| 115 | SOLKAR ISMAIL ASHARQUE ARJUN       | 11 | 4 | 5 | 3 | 5 | 100 |
| 116 | SOLAWANE ERUNAL RAVINDRA ARITA     | 11 | 4 | 5 | 3 | 5 | 100 |
| 117 | THAKUR SUYASH HANDBA UMAR SUDASINI | 11 | 4 | 5 | 3 | 5 | 100 |
| 118 | THROTKAR GAHESH CHANDRABHANT       | 11 | 4 | 5 | 3 | 5 | 100 |
| 119 | RUJATA                             | 11 | 4 | 5 | 3 | 5 | 100 |
| 120 | URUGADE SUPRIYA ANANDA ASHWINI     | 11 | 4 | 5 | 3 | 5 | 100 |
| 121 | UNDE SNEHAL SOPAN SARJITA          | 11 | 4 | 5 | 3 | 5 | 100 |
| 122 | WAGH SUYASH HARISH HANDBA          | 11 | 4 | 5 | 3 | 5 | 100 |
| 123 | JAYASHREE                          | 11 | 4 | 5 | 3 | 5 | 100 |
| 124 | WAGHMARE ANJALI LUTTAMBHAI RASHIKA | 11 | 4 | 5 | 3 | 5 | 100 |
| 125 | WALHEKAR ASHWINI DEYANSHUWAR       | 11 | 4 | 5 | 3 | 5 | 100 |
| 126 | SAVITA                             | 11 | 4 | 5 | 3 | 5 | 100 |
| 127 | YADAV SHYAMSUNDER RAMCHANDRA       | 11 | 4 | 5 | 3 | 5 | 100 |
| 128 | MANGILA                            | 11 | 4 | 5 | 3 | 5 | 100 |
| 129 | ZOPE LOKESH PRASHANT JYOTSNA       | 11 | 4 | 5 | 3 | 5 | 100 |

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## Course Exit survey

Class/Sem: SE/IV

Subject Name: Analog Electronics II

### **Course Outcomes**

After successful completion of the course student will be able to

1. Analyze and design multistage electronic Circuits.
2. Differentiate between discrete and integrated biasing techniques.
3. Differentiate between small signal and large signal Amplifiers.

### Questions:

Que1. Did you understand Miller effect and Miller capacitance?

Que2. Did you understand CMRR?

Que3. Did you understand two transistor (BJT, MOSFET) current source?

Que4. Did you understand Transformer coupled Class A Amplifier?

Que5. Did you understand Zener shunt regulator?

### Note: Kindly grade the Questionnaire as:

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



**Department of Electronics and Telecommunication Engineering**

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

**Academic Year 2016-2017**

**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 Electronic Instruments.
- 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      | Latest technology 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 2016-2017**

**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 2016-2017**

**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 2016-2017**

**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 2016-2017**

**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 2016-2017**

**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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