



Department of First Year Engineering

Academic Year: 2018-19

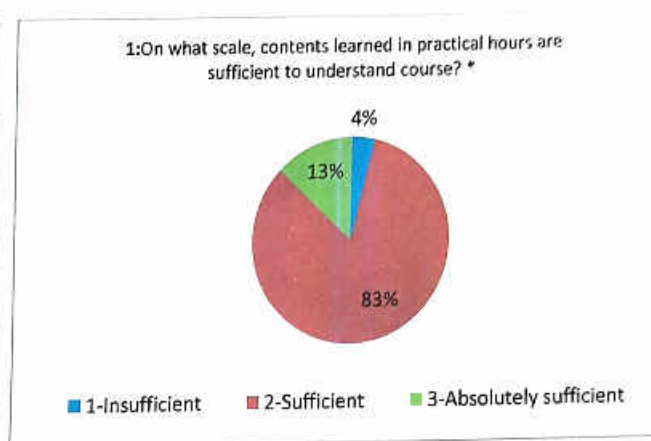
Course Exit Analysis Report (SEM I)

Subject – Applied Mathematics I

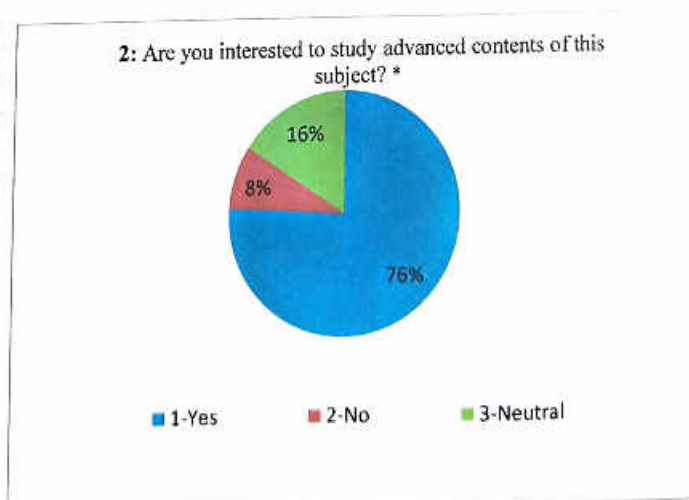
Subject Teacher – Prof.P.GODE

(Div-C,D)

| Score | No. of Students | Percentage (%) |
|-------------------------|-----------------|----------------|
| 1-Insufficient | 4 | 4 |
| 2-Sufficient | 90 | 83 |
| 3-Absolutely sufficient | 14 | 13 |
| Total | 108 | 100 |



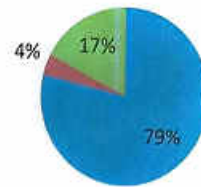
| Score | No. of Students | Percentage (%) |
|-----------|-----------------|----------------|
| 1-Yes | 82 | 76 |
| 2-No | 9 | 8 |
| 3-Neutral | 17 | 16 |
| Total | 108 | 100 |





| Score | No. of Students | Percentage (%) |
|-------------|-----------------|----------------|
| 1-Yes | 85 | 79 |
| 2-No | 4 | 4 |
| 3-Partially | 19 | 17 |
| Total | 108 | 100 |

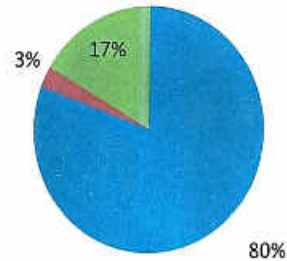
3: Would you able to apply the knowledge of matrices to solve the engineering related problem ? *



■ 1-Yes ■ 2-No ■ 3-Partially

| Score | No. of Students | Percentage (%) |
|-------------|-----------------|----------------|
| 1-Yes | 87 | 80 |
| 2-No | 3 | 3 |
| 3-Partially | 18 | 17 |
| Total | 108 | 100 |

4: Have you understand the concept of finding nth derivative, partial derivative ? *



■ 1-Yes ■ 2-No ■ 3-Partially



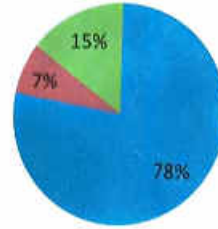
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| Score | No. of Students | Percentage (%) |
|-------------|-----------------|----------------|
| 1-Yes | 84 | 78 |
| 2-No | 8 | 7 |
| 3-Partially | 16 | 15 |
| Total | 108 | 100 |

5. Are you able to study the complex number and numerical method? *



■ 1-Yes ■ 2-No ■ 3-Partially

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Department of First Year Engineering

Academic Year: 2018-2019

Course Exit Analysis Report (SEM I)

Subject – Applied Physics I

Subject Teacher – Rekha Jawale, Upma Purohit

CO 1: On what scale content learned in practical hours are sufficient to understand course.

| Score | No. of Students | Percentage (%) |
|-----------------------|-----------------|----------------|
| Insufficient | 30 | 12 |
| Sufficient | 132 | 53 |
| Absolutely Sufficient | 85 | 35 |
| Total | 247 | 100 |

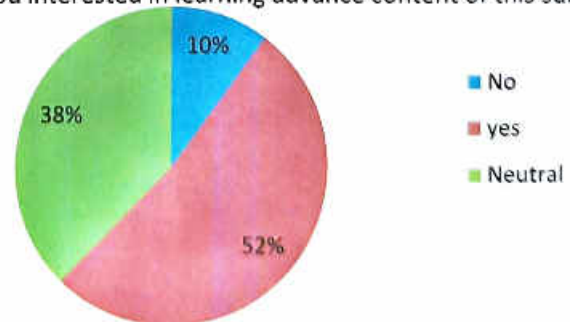
CO 1: On what scale content learned in practical hours are sufficient to understand course.



CO2. Are you interested in learning advance content of this subject

| Score | No. of Students | Percentage (%) |
|---------|-----------------|----------------|
| No | 25 | 10 |
| yes | 129 | 52 |
| Neutral | 93 | 38 |
| Total | 247 | 100 |

CO2. Are you interested in learning advance content of this subject

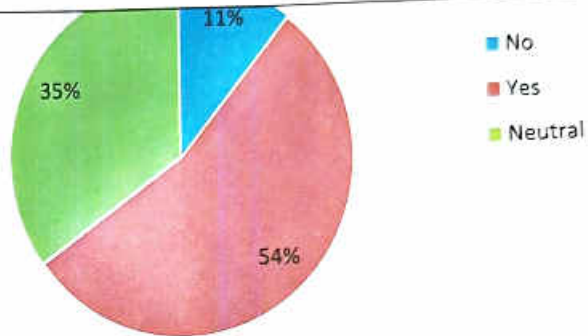




CO 3: Are you able to Correlate the real life application of semiconductors in electronic devices as well as to comprehend the concept of fermi energy level in semiconductors.

| Score | No. of Students | Percentage (%) |
|---------|-----------------|----------------|
| No | 27 | 11 |
| Yes | 134 | 54 |
| Neutral | 86 | 35 |
| Total | 247 | 100 |

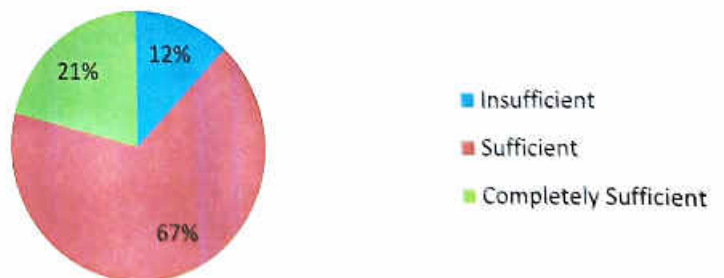
CO 3: Are you able to Correlate the real life application of semiconductors in electronic devices as well as to comprehend the concept of fermi energy level in semiconductors.



CO 4: On what scale will you rate your ability to understand different properties of Superconductors and its application in SQUID and Magnetic levitation.

| Score | No. of Students | Percentage (%) |
|-----------------------|-----------------|----------------|
| Insufficient | 30 | 12 |
| Sufficient | 165 | 67 |
| Completely Sufficient | 52 | 21 |
| Total | 247 | 100 |

CO 4: On what scale will you rate your ability to understand different properties of Superconductors and its application in SQUID and Magnetic levitation.

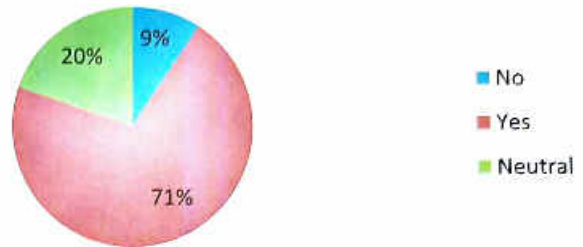




CO 5: Are you able to relate Acoustic defects and use of Acoustic this in the design of Hall/Auditorium.

| Score | No. of Students | Percentage (%) |
|---------|-----------------|----------------|
| No | 23 | 5 |
| Yes | 175 | 10 |
| Neutral | 49 | 16 |
| Total | 247 | 100 |

CO 5: Are you able to relate Acoustic defects and use of Acoustic this in the design of Hall/Auditorium.



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HOD-FE

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Department of First Year Engineering

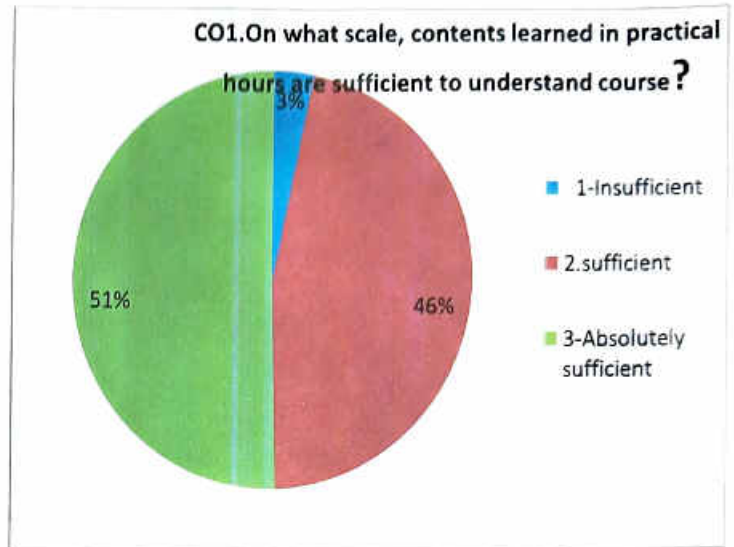
Academic Year: 2018-19

Course Exit Analysis Report (SEM I)

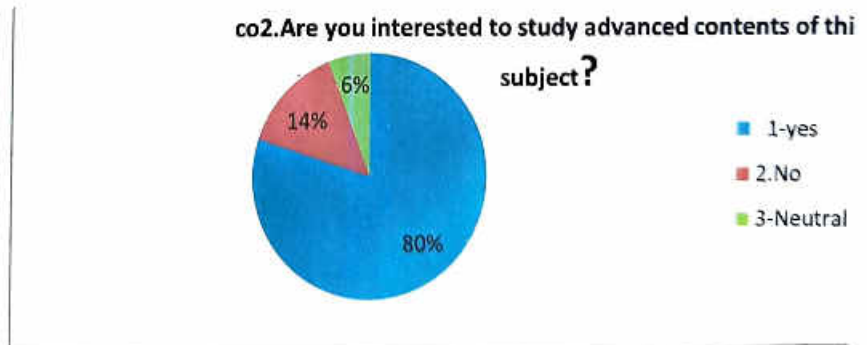
Subject – AC-I

Subject Teacher – Dr.Sindhu Tayade ,Dr.Sunita Pal Dr.Deepika Patil

| Score | No. of Students | Percent age (%) |
|-------------------------|-----------------|-----------------|
| 1-Insufficient | 7 | 3 |
| 2.sufficient | 102 | 46 |
| 3-Absolutely sufficient | 111 | 51 |
| Total | 220 | 100 |

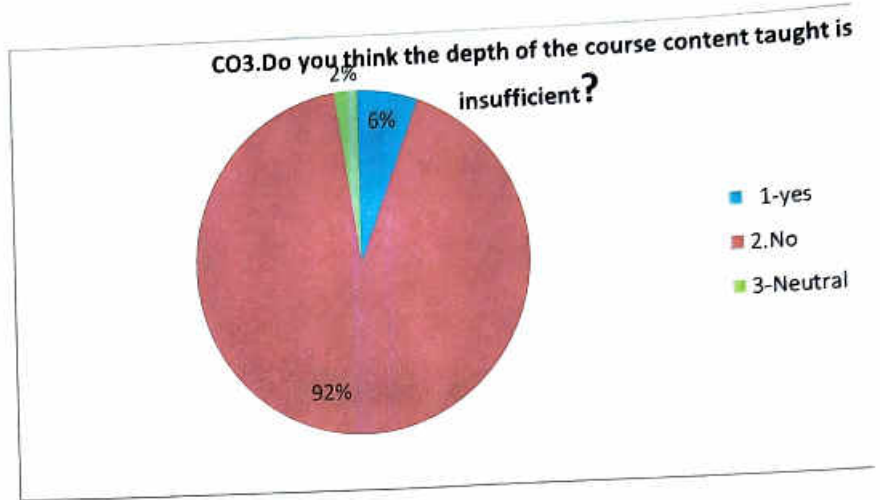


| Score | No. of Students | Percent age (%) |
|-----------|-----------------|-----------------|
| 1-yes | 176 | 80 |
| 2.No | 31 | 14 |
| 3-Neutral | 13 | 6 |
| Total | 220 | 100 |

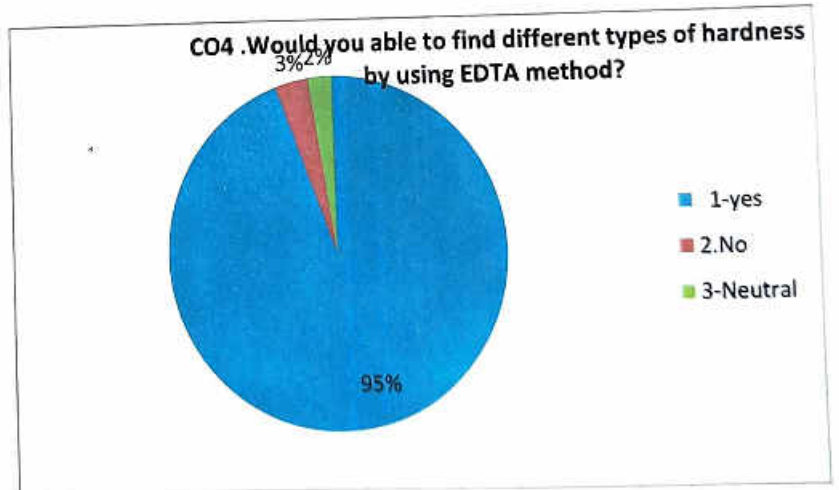




| Score | No. of Students | Percentage (%) |
|-----------|-----------------|----------------|
| 1-yes | 13 | 6 |
| 2.No | 202 | 92 |
| 3-Neutral | 5 | 2 |
| Total | 220 | 100 |



| Score | No. of Students | Percentage (%) |
|-----------|-----------------|----------------|
| 1-yes | 208 | 85 |
| 2.No | 7 | 7 |
| 3-Neutral | 5 | 8 |
| Total | 220 | 100 |



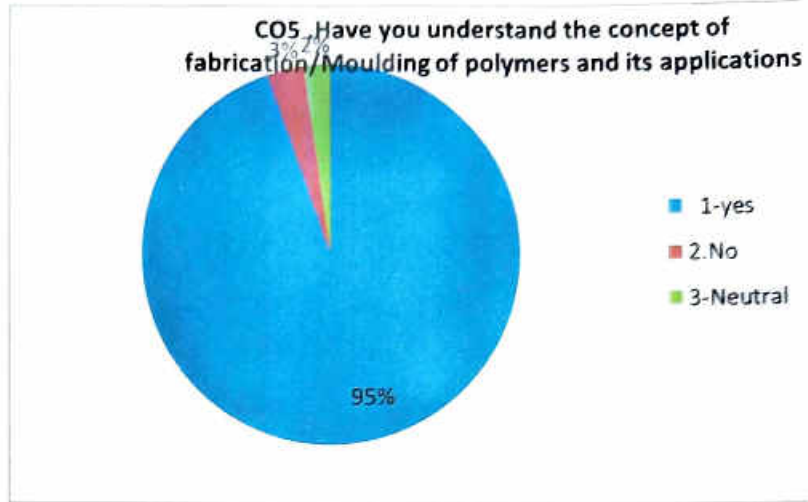


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| Score | No. of Students | Percentage (%) |
|------------|-----------------|----------------|
| 1.No | 12 | 2 |
| 2 - yes | 204 | 95 |
| 3- Neutral | 19 | 3 |
| total | 220 | 100 |



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HOD-FE

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Department of First Year Engineering

Academic Year: 2018-2019

Course Exit Analysis Report (SEM I)

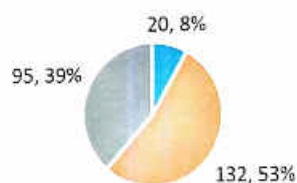
Subject –: Basic Electrical Engineering

Subject Teacher – Rajashri Narwade/Pallavi Kharat

CO 1: On what scale, contents learned in practical/theory hours are sufficient to understand course?

| Score | No. of Students | Percentage (%) |
|-----------------------|-----------------|----------------|
| Insufficient | 20 | 9 |
| Sufficient | 132 | 53 |
| Absolutely Sufficient | 95 | 38 |
| Total | 247 | 100 |

CO 1: On what scale, contents learned in practical/theory hours are sufficient to understand course?

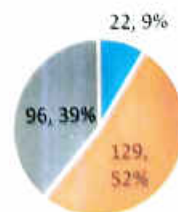


■ Insufficient ■ Sufficient ■ Absolutely Sufficient

CO 2: Are you interested to study advanced contents of this subject?

| Score | No. of Students | Percentage (%) |
|-----------------------|-----------------|----------------|
| Insufficient | 22 | 9 |
| Sufficient | 129 | 53 |
| Absolutely Sufficient | 96 | 38 |
| Total | 247 | 100 |

CO 2 Are you interested to study advanced contents of this subject?



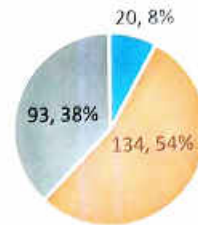
■ Insufficient ■ Sufficient ■ Absolutely Sufficient



CO 3: Are you able to evaluate DC circuits using network theorems?

| Score | No. of Students | Percentage (%) |
|-----------------------|-----------------|----------------|
| Insufficient | 20 | 9 |
| Sufficient | 134 | 54 |
| Absolutely Sufficient | 93 | 37 |
| Total | 247 | 100 |

CO 3: Are you able to evaluate DC circuits using network theorems?

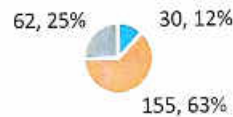


■ Insufficient ■ Sufficient ■ Absolutely Sufficient

CO 4: Are you able to evaluate single Phase and three phase AC circuits?

| Score | No. of Students | Percentage (%) |
|-----------------------|-----------------|----------------|
| Insufficient | 30 | 12 |
| Sufficient | 155 | 63 |
| Completely Sufficient | 62 | 25 |
| Total | 247 | 100 |

CO 4: Are you able to evaluate single Phase and three phase AC circuits?



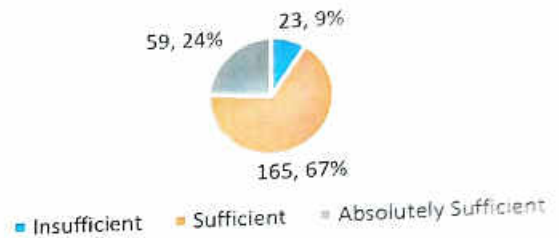
■ Insufficient ■ Sufficient ■ Completely Sufficient



CO 5 Are you able to illustrate constructional features and operation of single phase transformer and working principle of DC machines?

| Score | No. of Students | Percentage (%) |
|-----------------------|-----------------|----------------|
| Insufficient | 23 | 5 |
| Sufficient | 165 | 66 |
| Absolutely Sufficient | 59 | 29 |
| Total | 247 | 100 |

CO 5 Are you able to illustrate constructional features and operation of single phase transformer...



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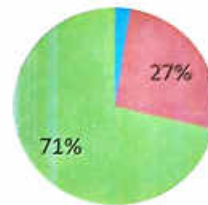
SARASWATI COLLEGE OF ENGINEERING, KHARGHAR, NAVI MUMBAI
FIRST YEAR ENGINEERING DEPARTMENT

SUBJECT- ENGINEERING MECHANICS (SEM I)
ACADEMIC YEAR-2018-2019

Subject Teacher – Prof. Sandeep Jadhav

| SCORE | No of Students | Percentage |
|--------------|----------------|------------|
| 1-Hardly | 3 | 2 |
| 2-Moderately | 34 | 26 |
| 3-Definitely | 92 | 71 |
| Total | 129 | 100 |

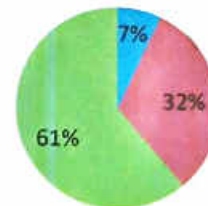
CO1: On what scale will you rate your ability to understand the concept of force, moment, and apply the same along with the concept of equilibrium with the help of FBD? 2%



■ 2-Hardly ■ 3-Moderately ■ 5-Definitely

| SCORE | No of Students | Percentage |
|--------------|----------------|------------|
| 1-Hardly | 9 | 7 |
| 2-Moderately | 41 | 32 |
| 3-Definitely | 79 | 61 |
| Total | 129 | 100 |

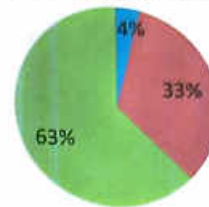
CO2: On what scale will you rate your ability to understand the concept of total load of Uniformly distributed load, Uniformly varying load and its point of application?



■ 1-Hardly ■ 2-Moderately ■ 3-Definitely

| SCORE | No of Students | Percentage |
|--------------|----------------|------------|
| 1-Hardly | 5 | 4 |
| 2-Moderately | 43 | 33 |
| 3-Definitely | 81 | 63 |
| Total | 129 | 100 |

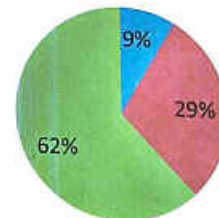
CO3: On what scale will you rate your ability to Correlate the real life application to specify Types of friction and estimate the required force to overcome friction?



■ 1-Hardly ■ 2-Moderately ■ 3-Definitely

| SCORE | No of Students | Percentage |
|--------------|----------------|------------|
| 1-Hardly | 11 | 9 |
| 2-Moderately | 38 | 30 |
| 3-Definitely | 80 | 62 |
| Total | 129 | 100 |

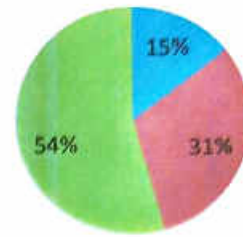
CO4: On what scale will you rate your ability to Establish relationship between velocity and acceleration of a particle and analyze the motion by plotting the relationship?



■ 1-Hardly ■ 2-Moderately ■ 3-Definitely

| SCORE | No of Students | Percentage |
|--------------|----------------|------------|
| 1-Hardly | 19 | 15 |
| 2-Moderately | 40 | 31 |
| 3-Definitely | 70 | 54 |
| Total | 129 | 100 |

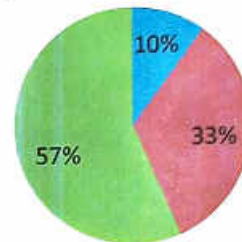
CO5: On what scale will you rate your ability to Illustrate different types of motion and establish concept of instantaneous center of rotation (ICR)?



■ 1-Hardly ■ 2-Moderately ■ 3-Definitely

| SCORE | No of Students | Percentage |
|--------------|----------------|------------|
| 1-Hardly | 13 | 10 |
| 2-Moderately | 43 | 33 |
| 3-Definitely | 73 | 57 |
| Total | 129 | 100 |

CO6: On what scale you will rate your ability to Analyze body in motion using acceleration work-energy, impulse-momentum Principles.?



■ 1-Hardly ■ 2-Moderately ■ 3-Definitely

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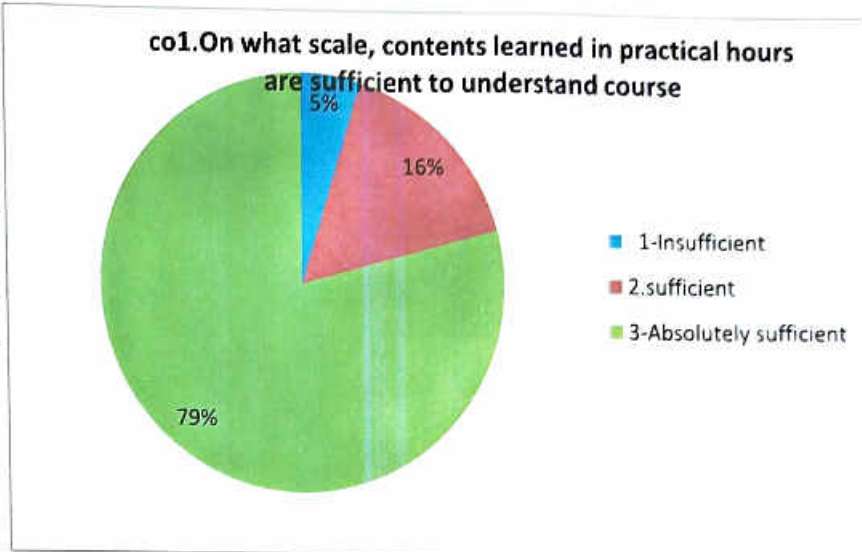
Academic Year: 2018-19

Course Exit Analysis Report (SEM I)

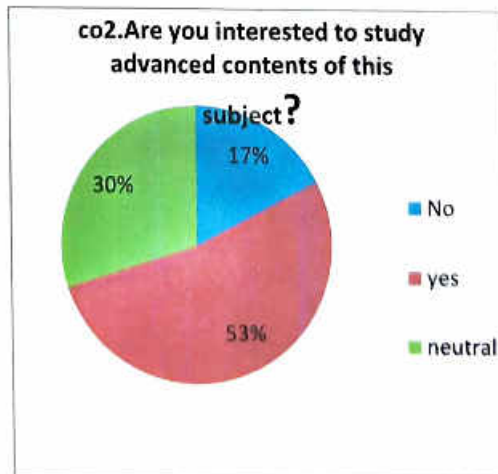
Subject – EVS

Subject Teacher – Dr.Deepika Patil ,Dr.Sindhu Tayade ,Dr.Sunita Pal

| Score | No. of Students | Percent age (%) |
|-------------------------|-----------------|-----------------|
| 1-Insufficient | 11 | 5 |
| 2.sufficient | 37 | 16 |
| 3-Absolutely sufficient | 183 | 79 |
| Total | 231 | 100 |

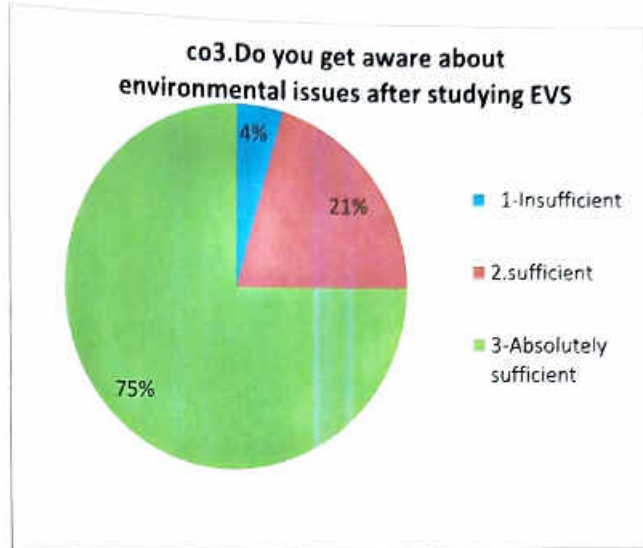


| Score | No. of Students | Percent age (%) |
|--------------|-----------------|-----------------|
| 1-yes | 40 | 30 |
| 2.No | 122 | 53 |
| 3-Neutral | 69 | 17 |
| Total | 231 | 100 |

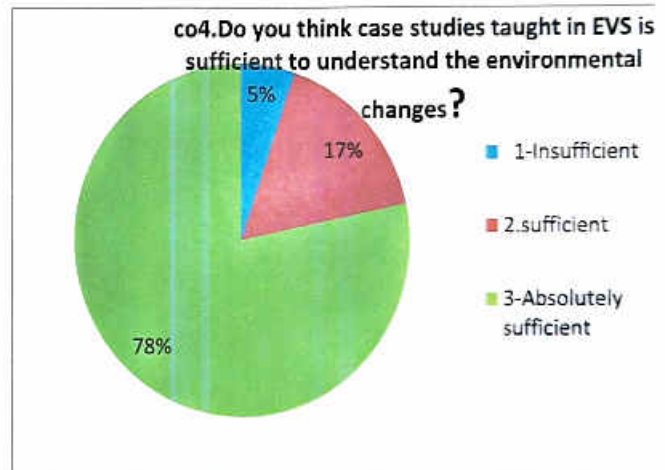




| Score | No. of Students | Percentage (%) |
|--------------------------|-----------------|----------------|
| 1- Insufficient | 10 | 4 |
| 2.sufficient | 48 | 21 |
| 3- Absolutely sufficient | 173 | 75 |
| Total | 231 | 100 |



| Score | No. of Students | Percentage (%) |
|-------------------------|-----------------|----------------|
| 1-Insufficient | 12 | 5 |
| 2.sufficient | 38 | 17 |
| 3-Absolutely sufficient | 181 | 78 |
| Total | 231 | 100 |





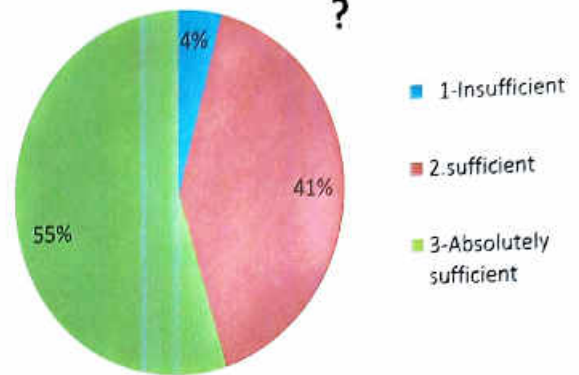
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| Score | No. of Students | Percentage (%) |
|------------|-----------------|----------------|
| 1.No | 10 | 4 |
| 2 - yes | 98 | 41 |
| 3- Neutral | 130 | 55 |
| total | 231 | 100 |

co5. Do you think industrial visit should be made compulsory for the subject?



S. B. K.
HOD - FE

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DEPARTMENT OF FIRST YEAR ENGINEERING

Action taken based on feedback from students

Academic year 2018 - 2019 (SEM I)

Summary of feedback (Semester I):

All students of SEM I had given feedbacks for all the subjects which were collected through course exit forms. Those feedbacks were analysed and necessary actions were planned for effective teaching. Some suggestions obtained from the students are as follows.

- Content provided is sufficient for most of the subjects
- More sessions required for partial differentiation for EM
- The syllabus Content is very vast and requires more time.

Action Taken:

Based on suggestions, various actions are taken. Details at Department level for betterment of student's career are mentioned below.

| Sr. No. | Feedback / Suggestions | Actions Taken | Date |
|---------|---|---|-------------------------------|
| 1 | More Problem solving sessions required for partial differentiation for EM | video lectures were provided for that topics https://youtu.be/HiOFurV3h94 | As required |
| 2 | Need more practice for Chemistry and Physics | Numerical PDF given to students | During lecture session |
| 3 | Syllabus is vast for BEE difficult to complete in given time | Extra lectures, some practical's and introduce NPTEL Course | As per requirement of subject |


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Department of First Year Engineering

Academic Year: 2018-19

Course Exit Analysis Report (SEM II)

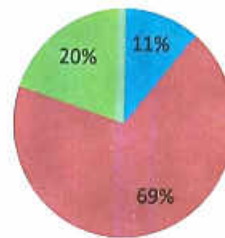
Subject – Applied Mathematics II

Subject Teacher – Dr. Sayali Choudhari,

Prof. Vasudev N

| Score | No. of Students | Percentage (%) |
|-------------------------|-----------------|----------------|
| 1-Insufficient | 23 | 11 |
| 2-Sufficient | 145 | 69 |
| 3-Absolutely sufficient | 42 | 20 |
| Total | 210 | 100 |

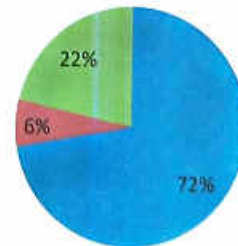
1: On what scale, contents learned in practical hours are sufficient to understand the course?



■ 1-Insufficient ■ 2-Sufficient ■ 3-Absolutely sufficient

| Score | No. of Students | Percentage (%) |
|-----------|-----------------|----------------|
| 1-Yes | 152 | 72 |
| 2-No | 13 | 6 |
| 3-Neutral | 45 | 22 |
| Total | 210 | 100 |

2. Are you interested to study advanced contents of this subject?



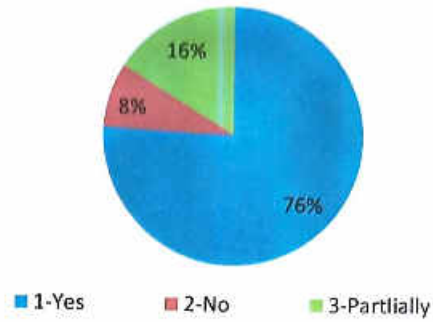
■ 1-Yes ■ 2-No ■ 3-Neutral



| Score | No. of Students | Percentage (%) |
|-------------|-----------------|----------------|
| 1-Yes | 159 | 76 |
| 2-No | 17 | 8 |
| 3-Partially | 34 | 16 |
| Total | 210 | 100 |

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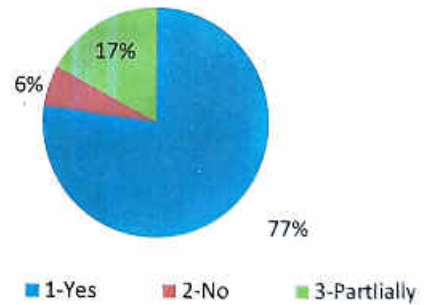
3. Would you able to solve Diff.equation by using different methods?



| Score | No. of Students | Percentage (%) |
|-------------|-----------------|----------------|
| 1-Yes | 162 | 77 |
| 2-No | 12 | 6 |
| 3-Partially | 36 | 17 |
| Total | 210 | 100 |

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4. Can you evaluate the integral over given region by changing the order of integration?





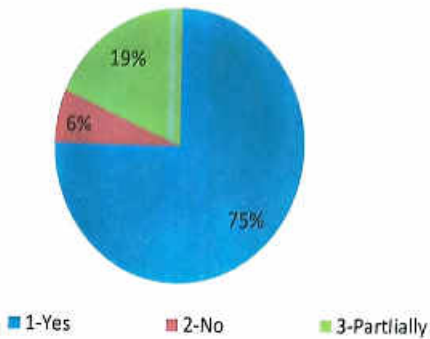
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| Score | No. of Students | Percentage (%) |
|-------------|-----------------|----------------|
| 1-Yes | 158 | 75 |
| 2-No | 13 | 6 |
| 3-Partially | 39 | 19 |
| Total | 210 | 100 |

5. Are you able to apply the knowledge of numerical methods, numerical integration, and rectification to solve engineering-related problems?



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Department of First Year Engineering

Academic Year: 2018-2019

Course Exit Analysis Report (SEM II)

Subject – Applied Physics II

Subject Teacher – Rekha Jawale, Upma Purohit

CO 1: On what scale content learned in practical hours are sufficient to understand course.

| Score | No. of Students | Percentage (%) |
|-----------------------|-----------------|----------------|
| Insufficient | 27 | 11 |
| Sufficient | 133 | 54 |
| Absolutely Sufficient | 84 | 35 |
| Total | 244 | 100 |

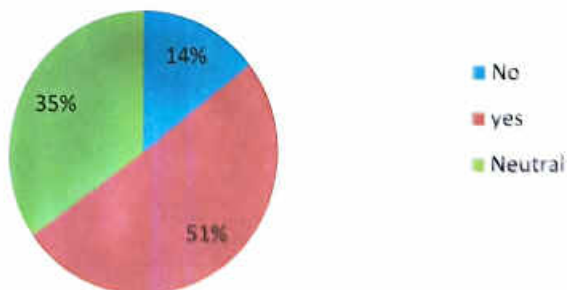
CO 1: On what scale content learned in practical hours are sufficient to understand course.



CO2. Are you interested in learning advance content of this subject

| Score | No. of Students | Percentage (%) |
|---------|-----------------|----------------|
| No | 35 | 14 |
| yes | 124 | 51 |
| Neutral | 85 | 35 |
| Total | 244 | 100 |

CO2. Are you interested in learning advance content of this subject.

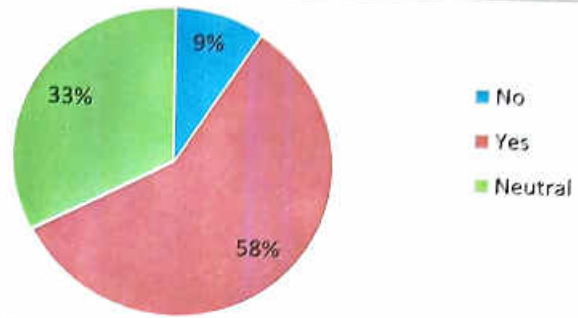




CO 3: Are you able to Correlate the real life application of Laser and optical fiber

| Score | No. of Students | Percentage (%) |
|---------|-----------------|----------------|
| No | 22 | 9 |
| Yes | 142 | 58 |
| Neutral | 80 | 33 |
| Total | 244 | 100 |

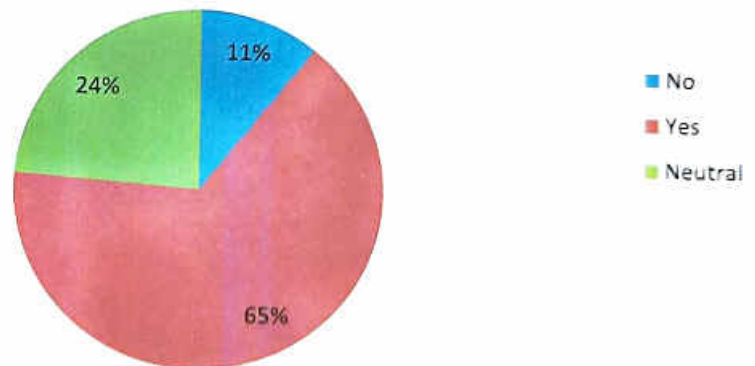
CO 3: Are you able to Correlate the real life application of Laser and optical fiber



CO 4: Are you able to understand the concepts of electrodynamics and Maxwell's equations and their use in telecommunication systems.

| Score | No. of Students | Percentage (%) |
|---------|-----------------|----------------|
| No | 26 | 11 |
| Yes | 160 | 65 |
| Neutral | 58 | 24 |
| Total | 244 | 100 |

CO 4: Are you able to understand the concepts of electrodynamics and Maxwell's equations and their use in telecommunication systems.





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CO 5 Are you able to understand the knowledge of fabrication, properties and application of nanomaterials.

| Score | No. of Students | Percentage (%) |
|---------|-----------------|----------------|
| No | 23 | 9 |
| Yes | 175 | 72 |
| Neutral | 46 | 19 |
| Total | 244 | 100 |

CO 5 Are you able to understand the knowledge of fabrication, properties and application of nanomaterials.



S. S. Kulkarni
HOD-FE

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Department of First Year Engineering

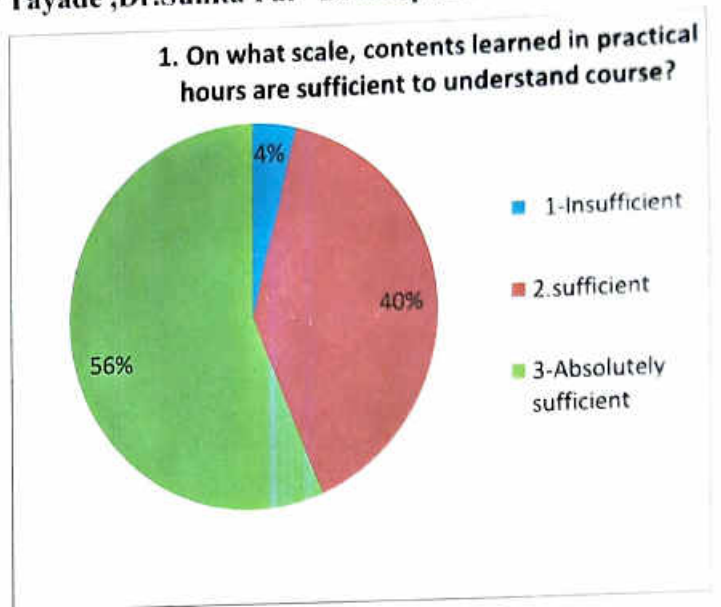
Academic Year: 2018-19

Course Exit Analysis Report (SEM II)

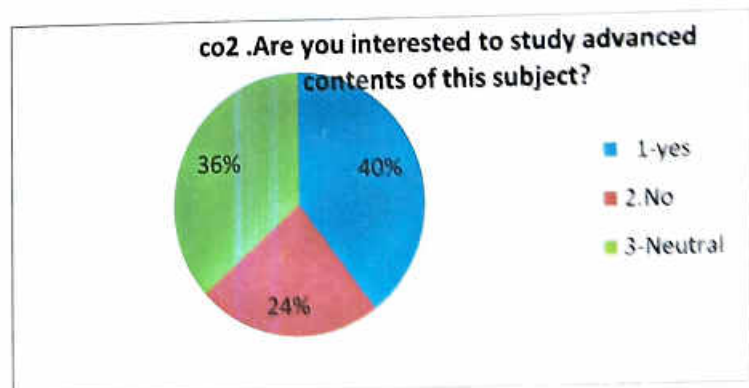
Subject –AC-II

Subject Teacher – Dr.Sindhu Tayade ,Dr.Sunita Pal Dr.Deepika Patil

| Score | No. of Students | Percent age (%) |
|-------------------------|-----------------|-----------------|
| 1-Insufficient | 9 | 4 |
| 2.sufficient | 94 | 40 |
| 3-Absolutely sufficient | 132 | 56 |
| Total | 235 | 100 |



| Score | No. of Students | Percent age (%) |
|-----------|-----------------|-----------------|
| 1-yes | 133 | 40 |
| 2.No | 80 | 36 |
| 3-Neutral | 122 | 36 |
| Total | 235 | 100 |





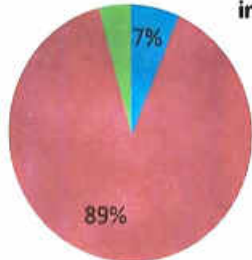
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| Score | No. of Students | Percentage (%) |
|-----------|-----------------|----------------|
| 1-yes | 15 | 7 |
| 2.No | 210 | 89 |
| 3-Neutral | 10 | 4 |
| Total | 235 | 100 |

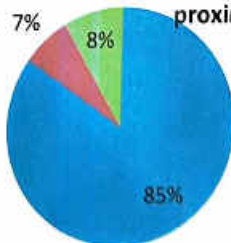
co3. Do you think the depth of the course content taught is insufficient?



- 1-yes
- 2.No
- 3-Neutral

| Score | No. of Students | Percentage (%) |
|-----------|-----------------|----------------|
| 1-yes | 199 | 85 |
| 2.No | 16 | 7 |
| 3-Neutral | 20 | 8 |
| Total | 235 | 100 |

co4 Would you be able to calculate % C,H,N,S using proximate analysis



- 1-yes
- 2.No
- 3-Neutral



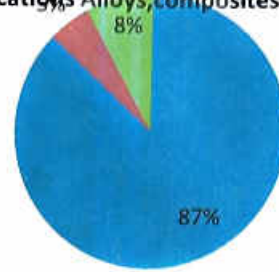
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| Score | No. of Students | Percentage (%) |
|------------|-----------------|----------------|
| 1.No | 12 | 5 |
| 2 - yes | 204 | 87 |
| 3- Neutral | 19 | 8 |
| total | 235 | 100 |

co5. Have you understood the importance and applications of Alloys, composites and green chemistry.



- 1-yes
- 2.No
- 3-Neutral

S. S. S. S.
HOD-FE

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SARASWATI COLLEGE OF ENGINEERING, KHARGHAR, NAVI MUMBAI
FIRST YEAR ENGINEERING DEPARTMENT

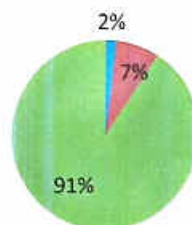
SUBJECT- ENGINEERING DRAWING (SEM II)

ACADEMIC YEAR-2018-2019

Subject Teacher – Prof. Sandeep Jadhav

| SCORE | No of Students | Percentage |
|--------------|----------------|------------|
| 2-Hardly | 4 | 2 |
| 3-Moderately | 17 | 7 |
| 5-Definitely | 206 | 92 |
| Total | 227 | 100 |

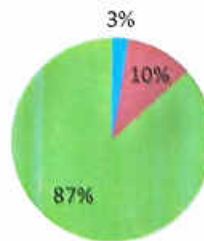
CO1: On what scale, contents learned in practical/lecture hours are sufficient to understand course?



■ 2-Hardly ■ 3-Moderately ■ 5-Definitely

| SCORE | No of Students | Percentage |
|--------------|----------------|------------|
| 2-Hardly | 6 | 3 |
| 3-Moderately | 24 | 10 |
| 5-Definitely | 197 | 88 |
| Total | 227 | 100 |

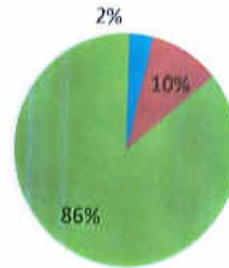
CO2: Are you interested to study advanced contents of this subject?



■ 2-Hardly ■ 3-Moderately ■ 5-Definitely

| SCORE | No of Students | Percentage |
|--------------|----------------|------------|
| 2-Hardly | 6 | 2 |
| 3-Moderately | 23 | 10 |
| 5-Definitely | 198 | 88 |
| Total | 227 | 100 |

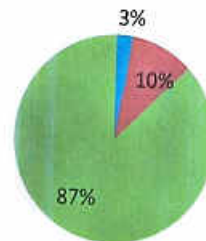
CO4: Indicate your level of understanding on plotting Isometric Views from A given Orthographic Views



■ 2-Hardly ■ 3-Moderately ■ 5-Definitely

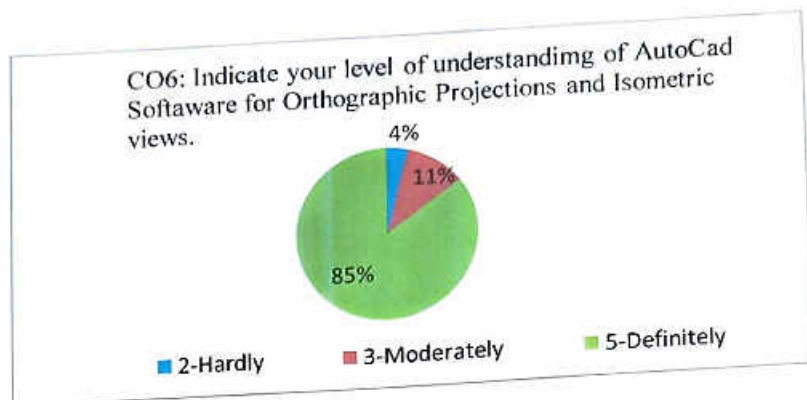
| SCORE | No of Students | Percentage |
|--------------|----------------|------------|
| 2-Hardly | 8 | 3 |
| 3-Moderately | 23 | 10 |
| 5-Definitely | 196 | 87 |
| Total | 227 | 100 |

CO3: Indicate your level of understanding Of Orthographic Projection?

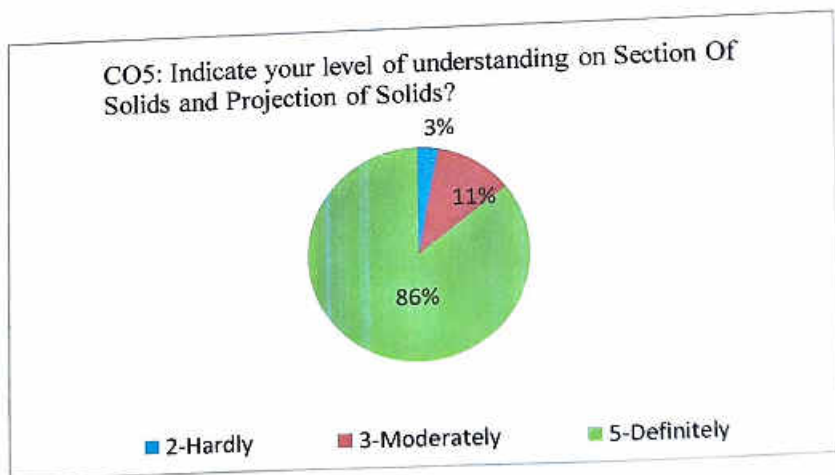


■ 2-Hardly ■ 3-Moderately ■ 5-Definitely

| SCORE | No of Students | Percentage |
|--------------|----------------|------------|
| 2-Hardly | 7 | 3 |
| 3-Moderately | 26 | 11 |
| 5-Definitely | 194 | 86 |
| Total | 227 | 100 |



| SCORE | No of Students | Percentage |
|--------------|----------------|------------|
| 2-Hardly | 9 | 3 |
| 3-Moderately | 25 | 11 |
| 5-Definitely | 193 | 86 |
| Total | 227 | 100 |



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and
SCOE

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PRINCIPAL
Engineering
20210



Department of First Year Engineering

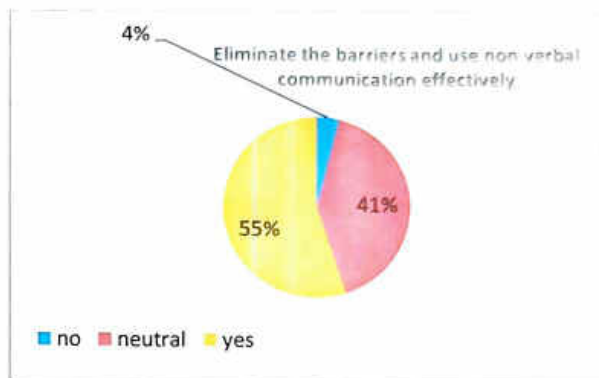
Academic Year: 2018-19

Course Exit Analysis Report (SEM II)

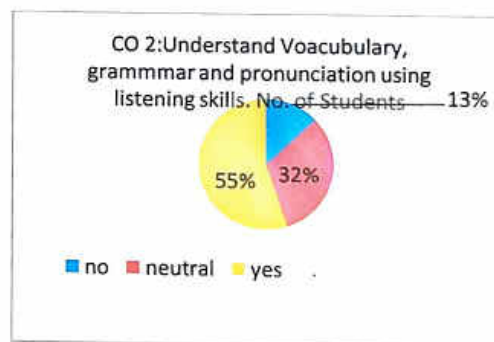
Subject – Communication Skills (DIV C & DIV D)

Subject Teacher – Prof. Sima Singh.

| CO 1 Eliminate the barriers and use non verbal communication effectively | | |
|--|-----------------|----------------|
| Score | No. of Students | Percentage (%) |
| no | 3 | 2.6 |
| neutral | 32 | 41.6 |
| yes | 43 | 55.8 |
| Total | 78 | 100 |



| CO 2 Understand Vocabulary, grammar and pronunciation using listening skills. | | |
|---|----------------|----------------|
| Score | No. of Student | Percentage (%) |
| no | 10 | 12.8 |
| neutral | 25 | 32.1 |
| yes | 43 | 55.1 |
| Total | 78 | 100 |





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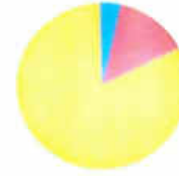
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CO 3 Able to understand different methods and channels of communication

| Score | No. of Students | Percentage (%) |
|---------|-----------------|----------------|
| no | 3 | 2 |
| neutral | 11 | 14.7 |
| yes | 64 | 83 |
| Total | 78 | 100 |

Able to understand different methods and channels of communication

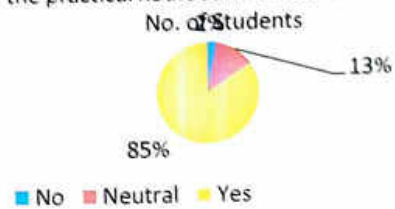


■ No ■ Neutral ■ Yes

CO 4 Were the practical hours sufficient to understand the course

| Score | No. of Students | Percentage (%) |
|---------|-----------------|----------------|
| no | 2 | 2.6 |
| neutral | 10 | 12.8 |
| yes | 66 | 84.6 |
| Total | 78 | 100 |

CO 4: Were the practical hours sufficient to understand the course





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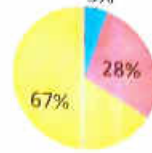
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CO 5: Able to understand course lesson on Digital Content Creation, Technical writing and ICT.

| Score | No. of Students | Percentage (%) |
|---------|-----------------|----------------|
| no | 4 | 5.1 |
| neutral | 22 | 28.2 |
| yes | 52 | 66.7 |
| Total | 78 | 100 |

CO 5: Able to understand course lesson on Digital Content Creation, Technical writing and ICT. No. of Students

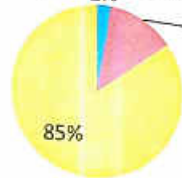


■ No ■ Neutral ■ Yes

CO 6: interested to study advanced contents of this subject.

| Score | No. of Students | Percentage (%) |
|---------|-----------------|----------------|
| no | 2 | 2.8 |
| neutral | 10 | 12.6 |
| yes | 66 | 84.6 |
| Total | 78 | 100 |

CO 6: interested to study advanced contents of this subject No. of Students



■ No ■ Neutral ■ Yes

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Department of First Year Engineering

Academic Year: 2018-19

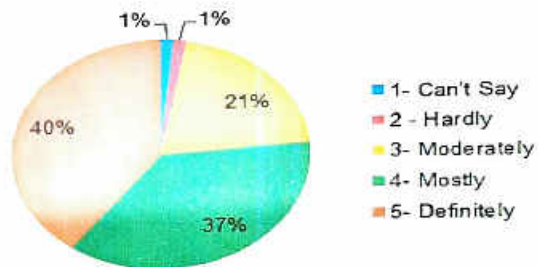
Course Exit Analysis Report (SEM II)

Subject: SPA

Subject Teacher: Prof Hemalata Gosavi

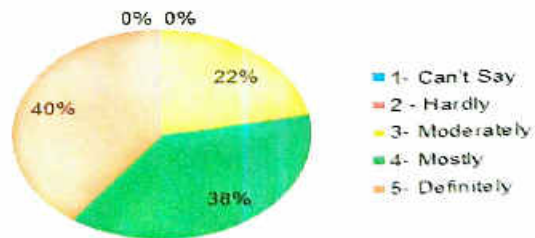
CO1 Understand the basic terminologies used in computer programming

| Score | No. of Students | Percentage (%) |
|---------------|-----------------|----------------|
| 1- Can't Say | 1 | 1.47 |
| 2 - Hardly | 1 | 1.47 |
| 3- Moderately | 14 | 20.59 |
| 4- Mostly | 25 | 36.76 |
| 5- Definitely | 27 | 39.71 |
| Total | 68 | 100 |



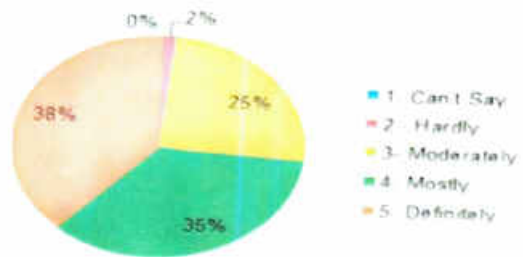
CO2 Understand the concept of datatypes, variables operators, data input output function and structure of a C Programming

| Score | No. of Students | Percentage (%) |
|---------------|-----------------|----------------|
| 1- Can't Say | 0 | 0.00 |
| 2 - Hardly | 0 | 0.00 |
| 3- Moderately | 15 | 22.06 |
| 4- Mostly | 26 | 38.24 |
| 5- Definitely | 27 | 39.71 |
| Total | 68 | 100 |



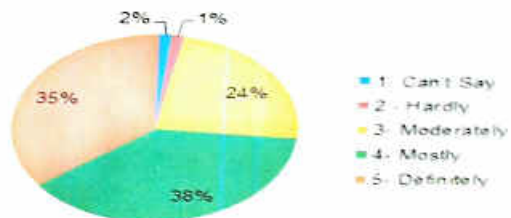
CO3 Use control statement and looping construction in C.

| Score | No. of Students | Percentage (%) |
|---------------|-----------------|----------------|
| 1- Can't Say | 0 | 0.00 |
| 2 - Hardly | 1 | 1.47 |
| 3- Moderately | 17 | 25.00 |
| 4- Mostly | 24 | 35.29 |
| 5- Definitely | 26 | 38.24 |
| Total | 68 | 100 |



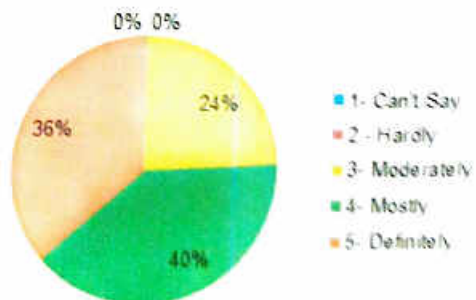
CO4 Implement function in C.

| Score | No. of Students | Percentage (%) |
|---------------|-----------------|----------------|
| 1- Can't Say | 1 | 1.47 |
| 2 - Hardly | 1 | 1.47 |
| 3- Moderately | 16 | 23.53 |
| 4- Mostly | 26 | 38.24 |
| 5- Definitely | 24 | 35.29 |
| Total | 68 | 100 |



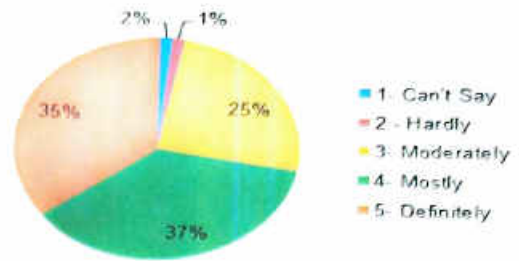
CO5 Use Derived datatypes Array, String, Structure and Union in C to solve a given problem.

| Score | No. of Students | Percentage (%) |
|---------------|-----------------|----------------|
| 1- Can't Say | 0 | 0.00 |
| 2 - Hardly | 0 | 0.00 |
| 3- Moderately | 16 | 23.53 |
| 4- Mostly | 26 | 38.24 |
| 5- Definitely | 24 | 35.29 |
| Total | 66 | 97.05882353 |



CO6 Implement simple problems using Files and Pointer

| Score | No of Students | Percentage (%) |
|----------------|----------------|----------------|
| 1- Can't Say | 1 | 1.47 |
| 2 - Hardly | 1 | 1.47 |
| 3 - Moderately | 17 | 25.00 |
| 4 - Mostly | 25 | 36.76 |
| 5 - Definitely | 24 | 35.29 |
| Total | 68 | 100 |



Sellu
HDFE

[Signature]

Saraswati Institute of Engineering
Kharghar, Mumbai - 400102

DEPARTMENT OF FIRST YEAR ENGINEERING
Action taken based on feedback from students
Academic year 2018 - 2019 (SEM II)

Summary of feedback (Semester II):

All students of SEM II had given feedbacks for all the subjects which were collected through course exit forms. Those feedbacks were analysed and necessary actions were planned for effective teaching. Some suggestions obtained from the students are as follows.

- Content provided is sufficient for most of the subjects
- Content in the syllabus is very vast and requires more time.
- Content provided to students is sufficient and also goes well with all the CO'S.

Action Taken:

Based on suggestions, various actions are taken. Details of events organized at Department level for betterment of student's career are mentioned below.

| Sr. No. | Feedback / Suggestions | Actions Taken | Date |
|---------|--|---|------------------------|
| 1 | Content in the syllabus is very vast and requires more time. | video lectures were provided for some topics https://youtu.be/KgItZSst2sU | As required |
| 2 | Content provided to students is sufficient and also goes well with all the CO'S. | Notes were provided to students. Solved university previous year question paper. | During lecture session |

| | | | |
|---|---|---|-------------------------------|
| 3 | Students shows interest to solve more numericals for all subjects | To complete syllabus Extra lectures, some practicals and NPTEL lectures were shown to cover the depth of the syllabus To fulfill future learning | As per requirement of subject |
|---|---|---|-------------------------------|



HOD



Principal