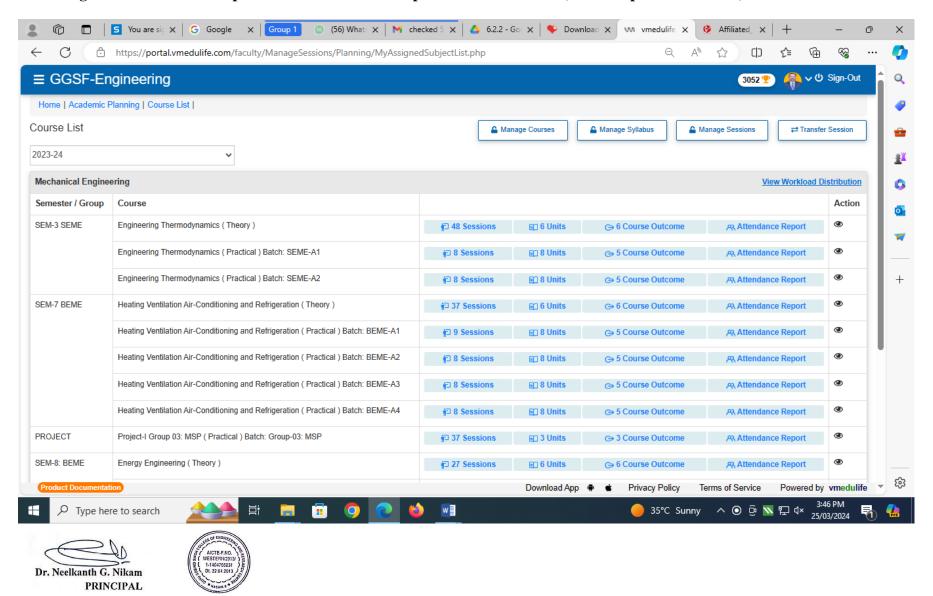


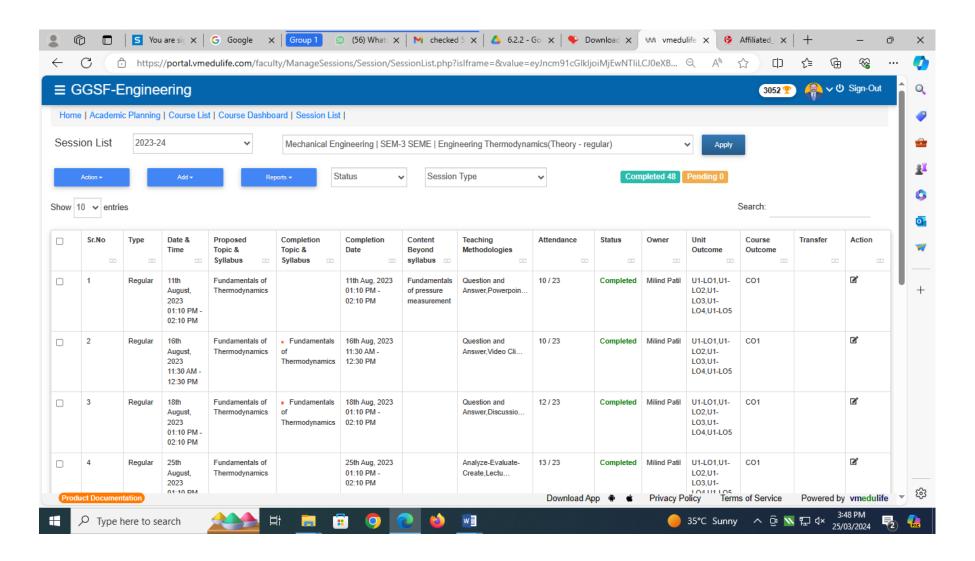
- 7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.
- Title Digitization of academic processes with focus on implementation of OBE (Few Sample Screen shots)





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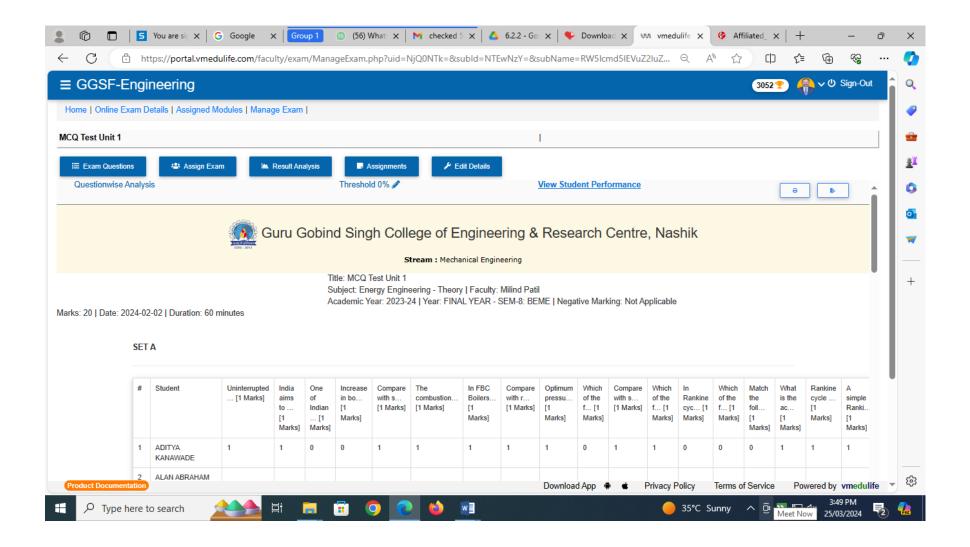






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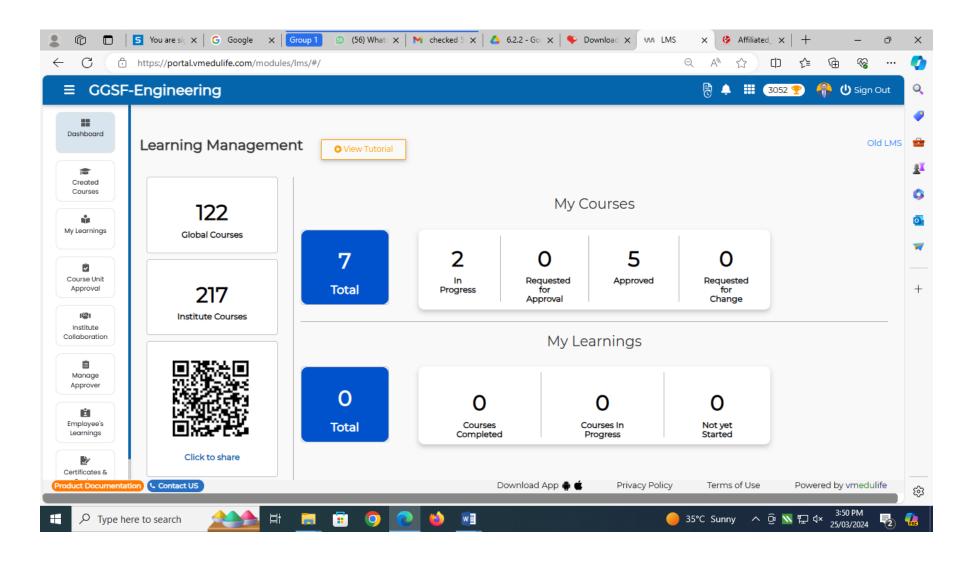






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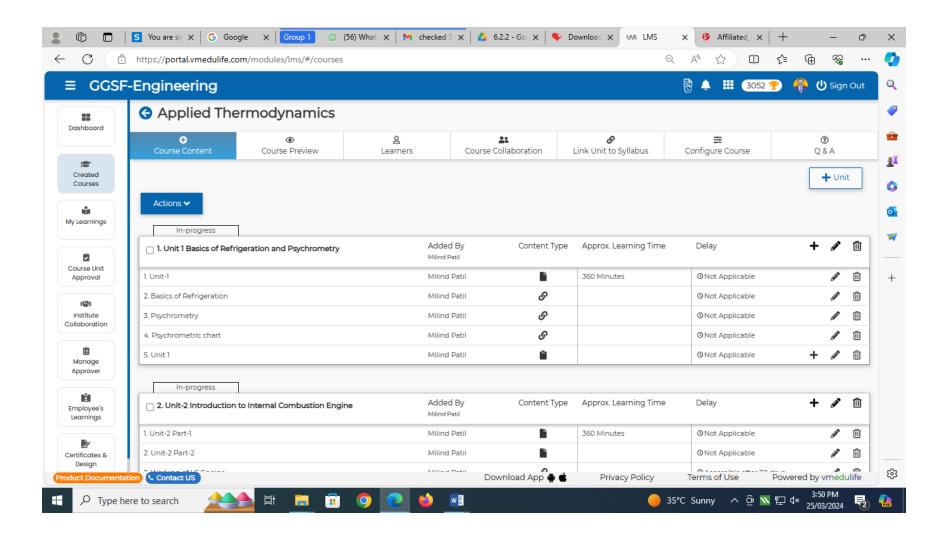






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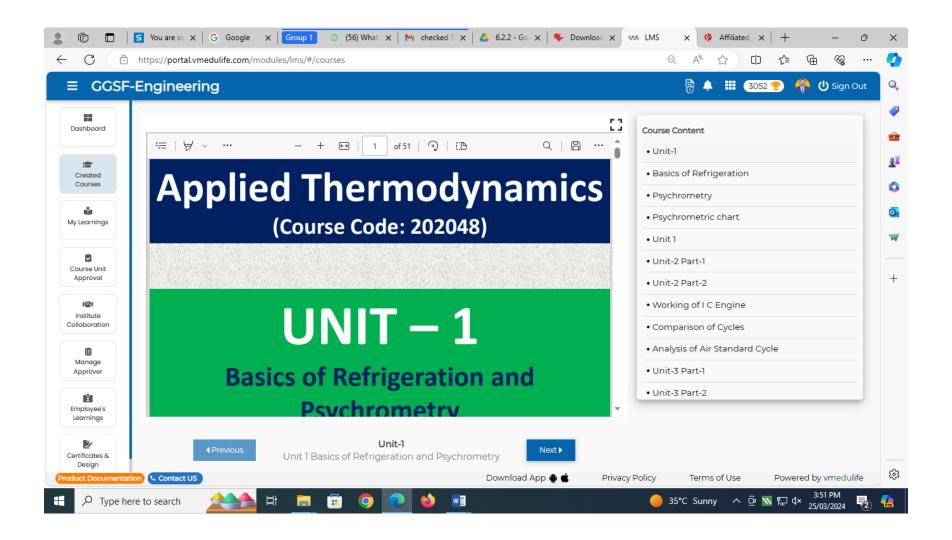






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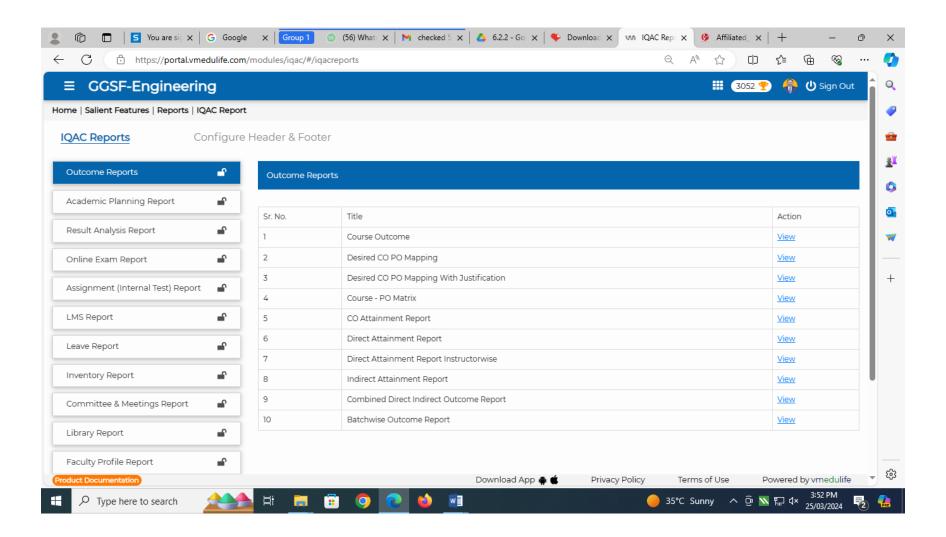






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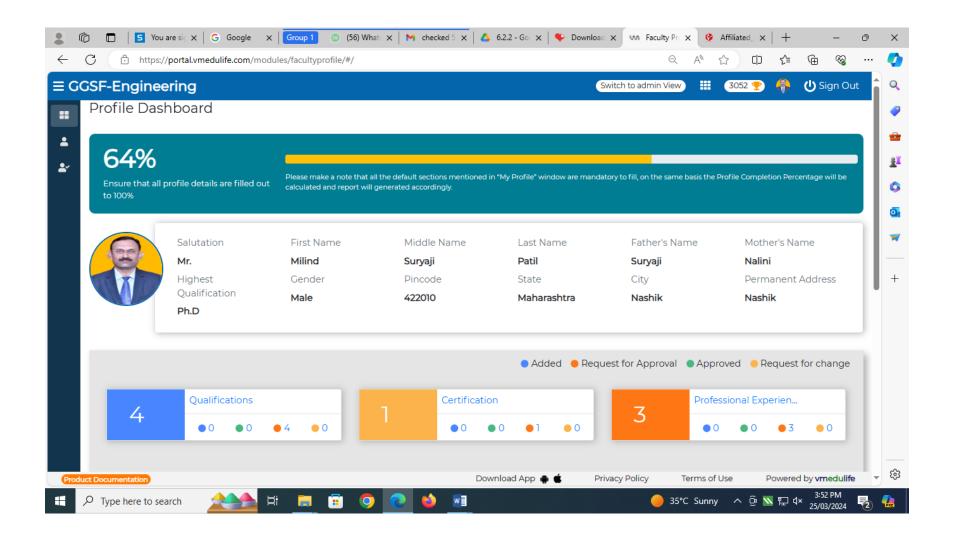






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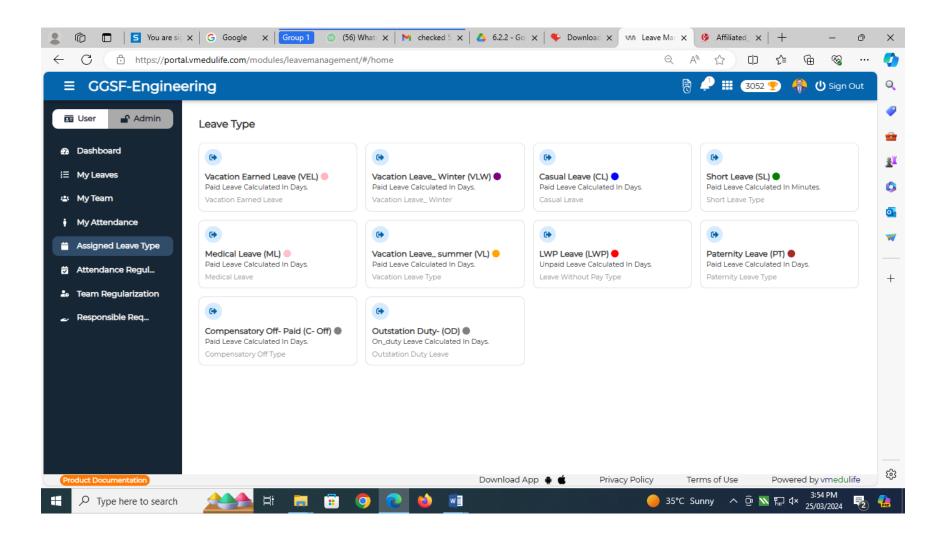






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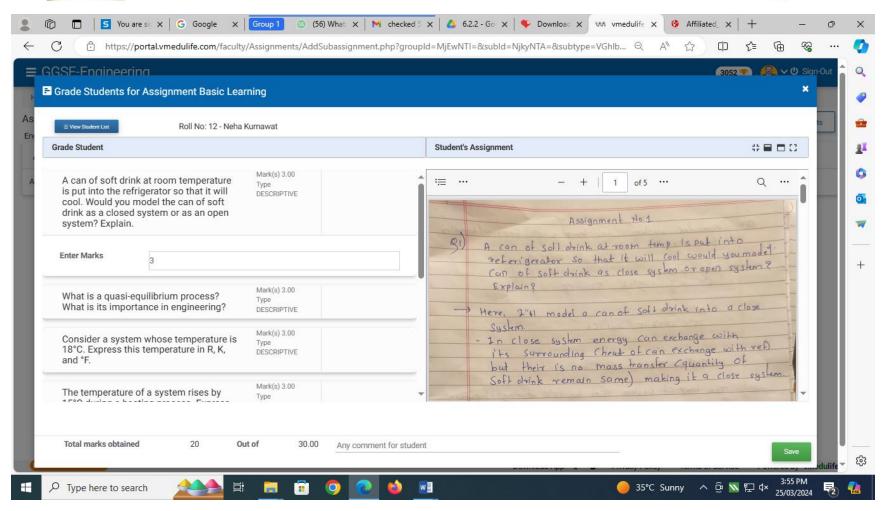






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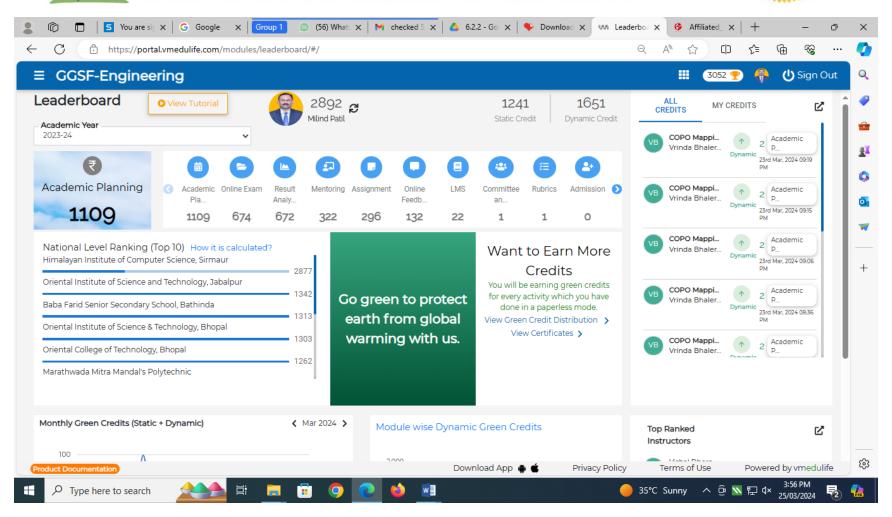






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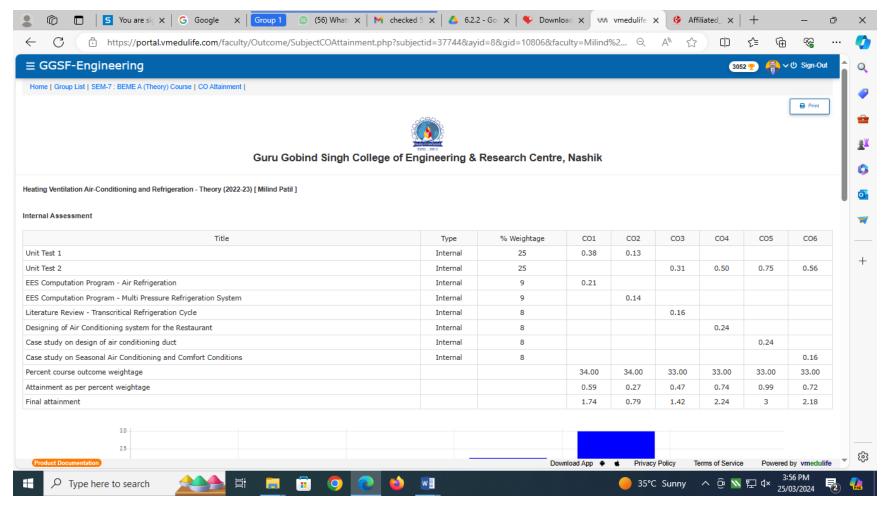






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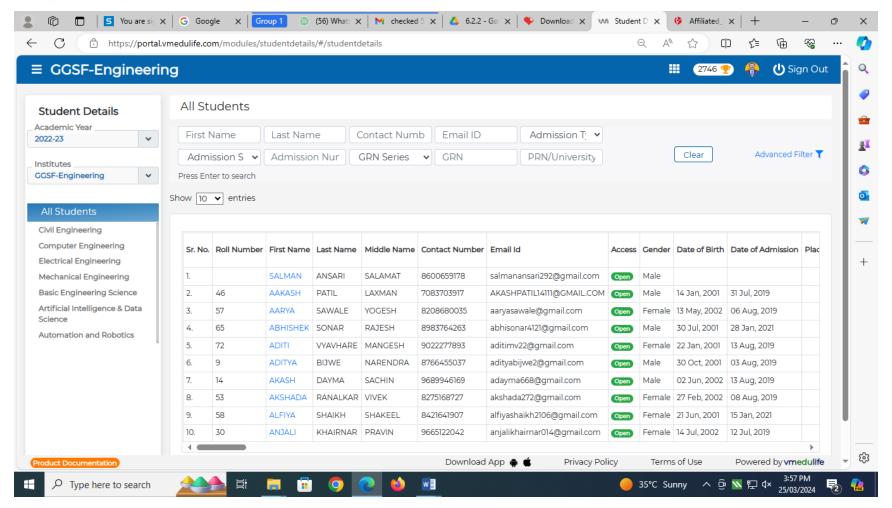






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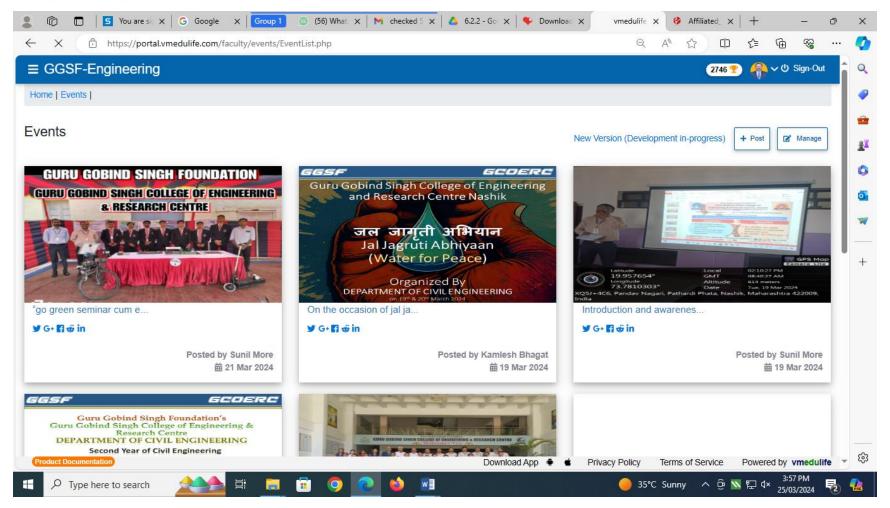






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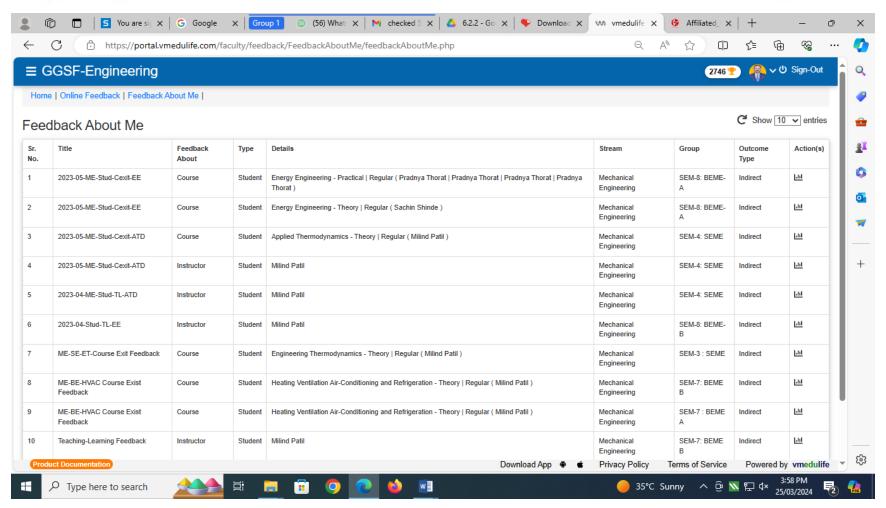






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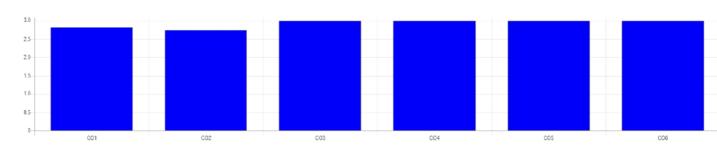




Fluid Mechanics - Theory (2022-23) [Natraj Vijayendra]

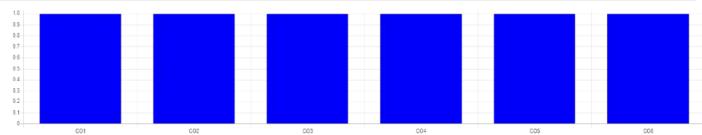
Internal Assessment

| Title | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|-------------------------------------|----------|-------------|--------|--------|-------|-------|-------|-------|
| Unit test 1 | Internal | 25 | 0.58 | 0.50 | | | | |
| Assignment | Internal | 60 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 |
| Role Play | Internal | 15 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 | 0.45 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 75.00 | 75.00 | 75.00 | 75.00 |
| Attainment as per percent weightage | | | 2.83 | 2.75 | 2.25 | 2.25 | 2.25 | 2.25 |
| Final attainment | | | 2.83 | 2.75 | 3 | 3 | 3 | 3 |



External Assessment

| Title | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|-------------------------------------|----------|-------------|--------|--------|--------|--------|--------|--------|
| SEE | External | 100 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Attainment as per percent weightage | | | 1 | 1 | 1 | 1 | 1 | 1 |
| Final attainment | | | 1 | 1 | 1 | 1 | 1 | 1 |

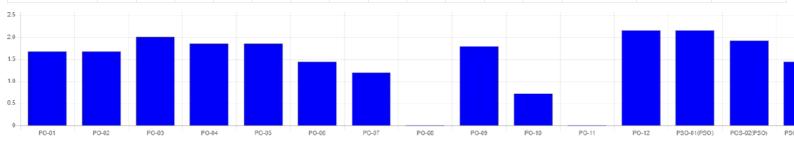


Direct Total Attainment

| Course Outcome | Internal | External |
|--------------------------------|----------|----------|
| CO1 | 2.83 | 1.00 |
| CO2 | 2.75 | 1.00 |
| CO3 | 3.00 | 1.00 |
| CO4 | 3.00 | 1.00 |
| CO5 | 3.00 | 1.00 |
| CO6 | 3.00 | 1.00 |
| Average | 2.93 | 1.00 |
| Weightage | 60 | 40 |
| Direct Total Attainment | 1.76 | 0.40 |
| Final Direct Course Attainment | 2 | 16 |

Final Attainment

| | PO-01 | PO-02 | PO-03 | PO-04 | PO-05 | PO-06 | PO-07 | PO-08 | PO-09 | PO-10 | PO-11 | PO-12 | PSO-01(PSO) | POS-02(PSO) | PSO-03(PSO) |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------------|-------------|
| Final Attainment | 1.68 | 1.68 | 2.01 | 1.87 | 1.87 | 1.44 | 1.20 | | 1.80 | 0.72 | | 2.16 | 2.16 | 1.92 | 1.44 |
| Percentage | 56.00 | 56.00 | 67.00 | 62.33 | 62.33 | 48.00 | 40.00 | | 60.00 | 24.00 | | 72.00 | 72.00 | 64.00 | 48.00 |





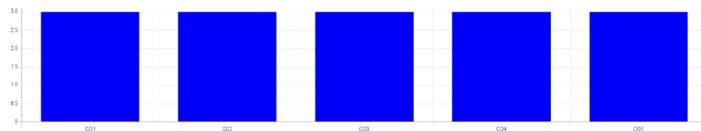
Fluid Mechanics Lab - Practical (2022-23) [Natraj Vijayendra] [Natraj Vijayendra] [Natraj Vijayendra]

Internal Assessment

| Batch [SECE B1, SECE B2, SECE B3, SECE B4] Internal Assessment | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 |
|--|----------|-------------|--------|--------|--------|--------|--------|
| Assignment [SECE B1, SECE B2, SECE B3, SECE B4] | Internal | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Attainment as per percent weightage | | | 3 | 3 | 3 | 3 | 3 |
| Final Attainment | | | 3 | 3 | 3 | 3 | 3 |

Internal Assessment Course Outcome Attainment Average

| Course Outcome | CO1 | CO2 | соз | CO4 | CO5 |
|----------------|------|------|------|------|------|
| Average | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |

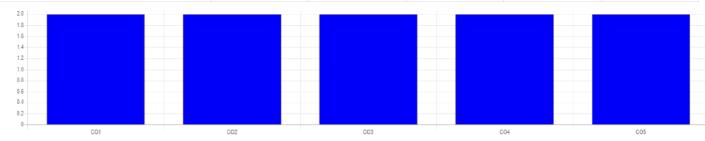


External Assessment

| Batch [SECE B1, SECE B2, SECE B3, SECE B4] External Assessment | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 |
|--|----------|-------------|--------|--------|--------|--------|--------|
| Oral Exam [SECE B1, SECE B2, SECE B3, SECE B4] | External | 100 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Attainment as per percent weightage | | | 2 | 2 | 2 | 2 | 2 |
| Final Attainment | | | 2 | 2 | 2 | 2 | 2 |

External Assessment Course Outcome Attainment Average

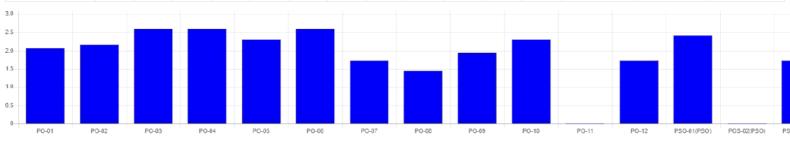
| Course Outcome | CO1 | CO2 | соз | CO4 | CO5 | |
|----------------|------|------|------|------|------|--|
| Average | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | |



Direct Total Attainment

| Course Outcome | Internal | External |
|--------------------------------|----------|----------|
| CO1 | 3.00 | 2.00 |
| CO2 | 3.00 | 2.00 |
| CO3 | 3.00 | 2.00 |
| CO4 | 3.00 | 2.00 |
| CO5 | 3.00 | 2.00 |
| Average | 3.00 | 2.00 |
| Weightage | 60 | 40 |
| Direct Total Attainment | 1.80 | 0.80 |
| Final Direct Course Attainment | 2 | .60 |

| | PO-01 | PO-02 | PO-03 | PO-04 | PO-05 | PO-06 | PO-07 | PO-08 | PO-09 | PO-10 | PO-11 | PO-12 | PSO-01(PSO) | POS-02(PSO) | PSO-03(PSO) |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------------|-------------|
| Final Attainment | 2.08 | 2.17 | 2.60 | 2.60 | 2.31 | 2.60 | 1.73 | 1.45 | 1.95 | 2.31 | | 1.73 | 2.43 | | 1.73 |
| Percentage | 69.33 | 72.33 | 86.67 | 86.67 | 77.00 | 86.67 | 57.67 | 48.33 | 65.00 | 77.00 | | 57.67 | 81.00 | | 57.67 |

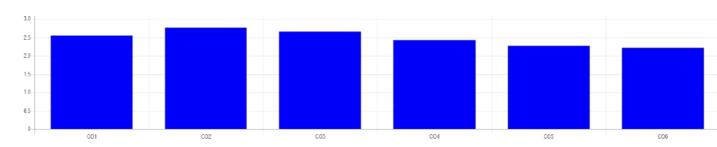




Geotechnical Engineering - Theory (2022-23) [Pallavi Padalkar]

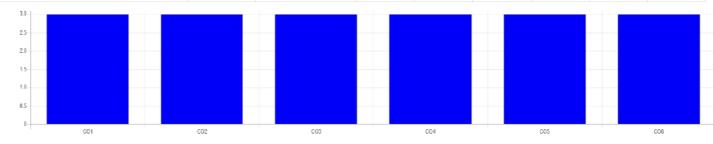
Internal Assessment

| Title | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|-------------------------------------|----------|-------------|-------|-------|-------|-------|-------|-------|
| Unit Test 1 | Internal | 25 | 0.42 | 0.58 | | | | |
| Unit Test 2 | Internal | 25 | | | 0.50 | 0.33 | 0.21 | 0.17 |
| Role Play | Internal | 40 | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 |
| Assignment No 1 | Internal | 2 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 |
| Assignment No 2 | Internal | 2 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 |
| Assignment No 3 | Internal | 2 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 |
| Assignment No 4 | Internal | 2 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 |
| Assignment No 5 | Internal | 1 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| Assignment No 6 | Internal | 1 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| Percent course outcome weightage | | | 75.00 | 75.00 | 75.00 | 75.00 | 75.00 | 75.00 |
| Attainment as per percent weightage | | | 1.92 | 2.08 | 2.00 | 1.83 | 1.71 | 1.67 |
| Final attainment | | | 2.56 | 2.77 | 2.67 | 2.44 | 2.28 | 2.23 |



External Assessment

| Title | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|-------------------------------------|----------|-------------|--------|--------|--------|--------|--------|--------|
| IN SEM EXAMINATION | External | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| END SEM EXAMINATION | External | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 200.00 | 200.00 | 200.00 | 200.00 | 200.00 | 200.00 |
| Attainment as per percent weightage | | | 6 | 6 | 6 | 6 | 6 | 6 |
| Final attainment | | | 3 | 3 | 3 | 3 | 3 | 3 |



Direct Total Attainment

| Course Outcome | Internal | External | | |
|--------------------------------|-----------|----------|--|--|
| CO1 | 2.56 | 3.00 | | |
| CO2 | 2.77 | 3.00 | | |
| CO3 | 2.67 | 3.00 | | |
| CO4 | 2.44 | 3.00 | | |
| CO5 | 2.28 | 3.00 | | |
| CO6 | 2.23 | 3.00 | | |
| Average | 2.49 | 3.00 | | |
| Weightage | 60 | 40 | | |
| Direct Total Attainment | 1.49 1.20 | | | |
| Final Direct Course Attainment | 2.69 | | | |

Final Attainment

| | PO-01 | PO-02 | PO-03 | PO-04 | PO-05 | PO-06 | PO-07 | PO-08 | PO-09 | PO-10 | PO-11 | PO-12 | PSO-01(PSO) | POS-02(PSO) | PSO-03(PSO) |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------------|-------------|
| Final Attainment | 2.69 | 2.69 | 1.35 | 1.19 | 2.69 | 2.69 | 1.35 | 1.19 | 2.69 | 2.69 | 1.35 | 1.08 | 2.69 | 2.69 | 1.35 |
| Percentage | 89.67 | 89.67 | 45.00 | 39.67 | 89.67 | 89.67 | 45.00 | 39.67 | 89.67 | 89.67 | 45.00 | 36.00 | 89.67 | 89.67 | 45.00 |



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Geotechnical Engineering Lab - Practical (2022-23) [Rahul Paikrao] [Pallavi Padalkar] [Rahul Paikrao] [Pallavi Padalkar]

Internal Assessment

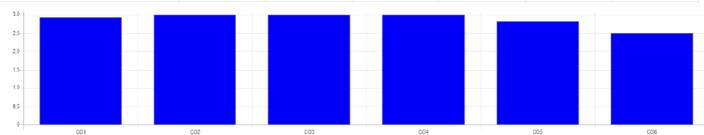
| Batch [SECE B1] Internal Assessment | Type | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|---------------------------------------|----------|-------------|--------|-------|-------|--------|-------|-----|
| Practical No 01 | Internal | 40 | 1.20 | | | | | |
| Practical No 02 | Internal | 40 | 1.20 | | | | | |
| Practical No 03 | Internal | 40 | 1.20 | | | | | |
| Practical No 04 | Internal | 40 | 1.20 | | | | | |
| Practical No 05 | Internal | 40 | | | 1.20 | | | |
| Practical No 06 | Internal | 40 | | 1.20 | | | | |
| Practical No 07 | Internal | 40 | | | | 1.20 | | |
| Practical No 08 | Internal | 40 | | | | 1.20 | | |
| Practical No 09 | Internal | 40 | | | | 1.20 | | |
| Practical No 10 | Internal | 40 | | | 1.20 | | | |
| Practical No 11 | Internal | 40 | | | | | 1.20 | |
| Percent course outcome weightage | | | 160.00 | 40.00 | 80.00 | 120.00 | 40.00 | |
| Attainment as per percent weightage | | | 4.8 | 1.2 | 2.4 | 3.6 | 1.2 | |
| Final Attainment | | | 3 | 3 | 3 | 3 | 3 | |

| Batch [SECE B3] Internal Assessment | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|---------------------------------------|----------|-------------|-------|-------|-------|-------|-------|-------|
| Practical No 01 | Internal | 10 | 0.30 | | | | | |
| Practical No 02 | Internal | 10 | 0.30 | | | | | |
| Practical No 03 | Internal | 10 | 0.30 | | | | | |
| Practical No 04 | Internal | 10 | 0.30 | | | | | |
| Practical No 05 | Internal | 10 | | | 0.30 | | | |
| Practical No 06 | Internal | 10 | | 0.30 | | | | |
| Practical No 07 | Internal | 10 | | | | 0.30 | | |
| Practical No 08 | Internal | 10 | | | | 0.30 | | |
| Practical No 09 | Internal | 10 | | | | 0.30 | | |
| Practical No 10 | Internal | 10 | | | 0.30 | | | |
| Practical No 11 | Internal | 10 | | | | | 0.30 | |
| Practical No 12 | Internal | 10 | 0.20 | | | | 0.20 | 0.20 |
| Percent course outcome weightage | | | 50.00 | 10.00 | 20.00 | 30.00 | 20.00 | 10.00 |
| Attainment as per percent weightage | | | 1.4 | 0.3 | 0.6 | 0.9 | 0.5 | 0.2 |
| Final Attainment | | | 2.8 | 3 | 3 | 3 | 2.5 | 2 |

| Batch [SECE B1, SECE B2, SECE B3, SECE B4] Internal Assessment | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | C06 |
|--|----------|-------------|--------|--------|--------|--------|--------|--------|
| Practical Evaluation [SECE B1, SECE B2, SECE B3, SECE B4] | Internal | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Attainment as per percent weightage | | | 3 | 3 | 3 | 3 | 3 | 3 |
| Final Attainment | | | 3 | 3 | 3 | 3 | 3 | 3 |

Internal Assessment Course Outcome Attainment Average

| Course Outcome | CO1 | CO2 | соз | CO4 | CO5 | CO6 |
|----------------|------|------|------|------|------|------|
| Average | 2.93 | 3.00 | 3.00 | 3.00 | 2.83 | 2.50 |
| | | | | | | |

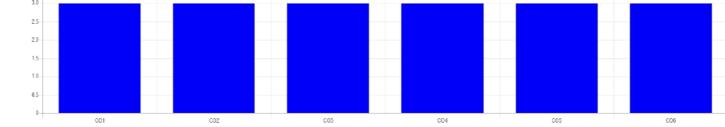


External Assessment

| Batch [SECE B1, SECE B2, SECE B3, SECE B4] External Assessment | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|--|----------|-------------|--------|--------|--------|--------|--------|--------|
| ORAL EXAMINATION [SECE B1, SECE B2, SECE B3, SECE B4] | External | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Attainment as per percent weightage | | | 3 | 3 | 3 | 3 | 3 | 3 |
| Final Attainment | | | 3 | 3 | 3 | 3 | 3 | 3 |

External Assessment Course Outcome Attainment Average

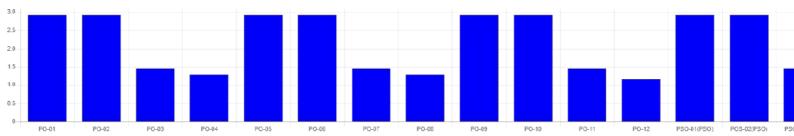
| Course Outcome | CO1 | CO2 | соз | CO4 | CO5 | CO6 |
|----------------|------|------|------|------|------|------|
| Average | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |



Direct Total Attainment

| Course Outcome | Internal | External | | |
|--------------------------------|----------|----------|--|--|
| CO1 | 2.93 | 3.00 | | |
| CO2 | 3.00 | 3.00 | | |
| CO3 | 3.00 | 3.00 | | |
| CO4 | 3.00 | 3.00 | | |
| CO5 | 2.83 | 3.00 | | |
| CO6 | 2.50 | 3.00 | | |
| Average | 2.88 | 3.00 | | |
| Weightage | 60 | 40 | | |
| Direct Total Attainment | 1.73 | 1.20 | | |
| Final Direct Course Attainment | 2.93 | | | |

| | PO-01 | PO-02 | PO-03 | PO-04 | PO-05 | PO-06 | PO-07 | PO-08 | PO-09 | PO-10 | PO-11 | PO-12 | PSO-01(PSO) | POS-02(PSO) | PSO-03(PSO) |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------------|-------------|
| Final Attainment | 2.93 | 2.93 | 1.46 | 1.30 | 2.93 | 2.93 | 1.46 | 1.30 | 2.93 | 2.93 | 1.46 | 1.17 | 2.93 | 2.93 | 1.46 |
| Percentage | 97.67 | 97.67 | 48.67 | 43.33 | 97.67 | 97.67 | 48.67 | 43.33 | 97.67 | 97.67 | 48.67 | 39.00 | 97.67 | 97.67 | 48.67 |



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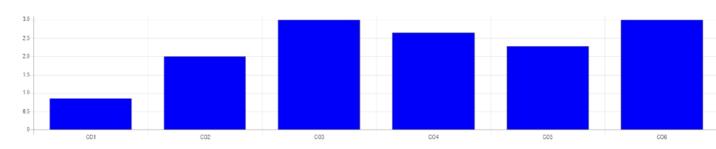
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Hydrology and Water Resources Engineering - Theory (2022-23) [Rahul Paikrao]

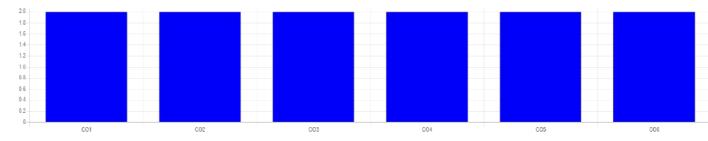
Internal Assessment

| Title | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|-------------------------------------|----------|-------------|-------|-------|-------|-------|-------|-------|
| Unit Test -1 | Internal | 25 | 0.00 | 0.00 | | | | |
| Prelim Exam | Internal | 25 | | | 0.75 | 0.63 | 0.50 | 0.75 |
| Assignment | Internal | 10 | 0.30 | 0.30 | 0.30 | 0.30 | 0.30 | 0.30 |
| Practical performed with Extra Tool | Internal | 40 | | 1.20 | | | | |
| Percent course outcome weightage | | | 35.00 | 75.00 | 35.00 | 35.00 | 35.00 | 35.00 |
| Attainment as per percent weightage | | | 0.30 | 1.50 | 1.05 | 0.93 | 0.80 | 1.05 |
| Final attainment | | | 0.86 | 2 | 3 | 2.66 | 2.29 | 3 |



External Assessment

| Title | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|-------------------------------------|----------|-------------|--------|--------|--------|--------|--------|--------|
| Insem Exam | External | 100 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| End Sem. Exam | External | 100 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| Percent course outcome weightage | | | 200.00 | 200.00 | 200.00 | 200.00 | 200.00 | 200.00 |
| Attainment as per percent weightage | | | 4 | 4 | 4 | 4 | 4 | 4 |
| Final attainment | | | 2 | 2 | 2 | 2 | 2 | 2 |



Direct Total Attainment

| Course Outcome | Internal | External |
|--------------------------------|----------|----------|
| CO1 | 0.86 | 2.00 |
| CO2 | 2.00 | 2.00 |
| CO3 | 3.00 | 2.00 |
| CO4 | 2.66 | 2.00 |
| CO5 | 2.29 | 2.00 |
| CO6 | 3.00 | 2.00 |
| Average | 2.30 | 2.00 |
| Weightage | 60 | 40 |
| Direct Total Attainment | 1.38 | 0.80 |
| Final Direct Course Attainment | 2 | .18 |

Final Attainment

| | PO-01 | PO-02 | PO-03 | PO-04 | PO-05 | PO-06 | PO-07 | PO-08 | PO-09 | PO-10 | PO-11 | PO-12 | PSO-01(PSO) | POS-02(PSO) | PSO-03(PSO) |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------------|-------------|
| Final Attainment | 1.82 | 1.21 | 2.18 | 1.63 | 2.18 | 1.09 | 1.45 | | | 0.73 | | | 1.60 | | |
| Percentage | 60.67 | 40.33 | 72.67 | 54.33 | 72.67 | 36.33 | 48.33 | | | 24.33 | | | 53.33 | | |





Hydrology and Water Resources Engineering Lab - Practical (2022-23) [Rahul Paikrao] [Rahul Paikrao] [Pallavi Padalkar] [Pallavi Padalkar]

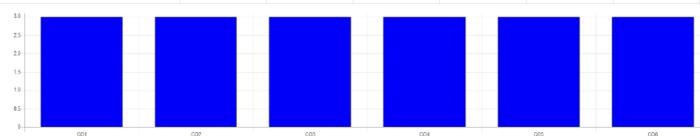
Internal Assessment

| Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|----------|-------------|--------------------------------|--|---|--|--|--|
| Internal | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| | | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | | | | | |
| Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
| Internal | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| | | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 3 | 3 | 3 | 3 | 3 | 3 |
| | Internal | Internal 100 Type % Weightage | Internal 100 3.00 100.00 3 3 3 Type % Weightage CO1 Internal 100 3.00 100.00 3 | Internal 100 3.00 3.00 100.00 100.00 100.00 3 3 3 Type % Weightage CO1 CO2 Internal 100 3.00 3.00 100.00 100.00 3 3 | Internal 100 3.00 3.00 3.00 100.00 100.00 100.00 100.00 3 3 3 3 3 3 3 3 Type % Weightage CO1 CO2 CO3 Internal 100 3.00 3.00 3.00 100.00 100.00 100.00 100.00 3 3 3 3 | Internal 100 3.00 3.00 3.00 3.00 100.00 100.00 100.00 100.00 100.00 3 3 3 3 3 3 3 3 3 3 Type % Weightage CO1 CO2 CO3 CO4 Internal 100 3.00 3.00 3.00 3.00 100.00 100.00 100.00 100.00 100.00 3 3 3 3 3 | Internal 100 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 100.00 |

| Batch [TECE B1, TECE B2, TECE B3, TECE B4] Internal Assessment | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|--|----------|-------------|--------|--------|--------|--------|--------|--------|
| Assignment [TECE B1, TECE B2, TECE B3, TECE B4] | Internal | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Attainment as per percent weightage | | | 3 | 3 | 3 | 3 | 3 | 3 |
| Final Attainment | | | 3 | 3 | 3 | 3 | 3 | 3 |

Internal Assessment Course Outcome Attainment Average

| Course Outcome | CO1 | CO2 | соз | CO4 | CO5 | CO6 |
|----------------|------|------|------|------|------|------|
| Average | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |

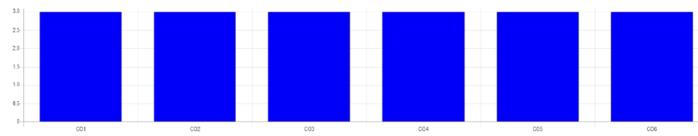


External Assessment

| Batch [TECE B1, TECE B2, TECE B3, TECE B4] External Assessment | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|--|----------|-------------|--------|--------|--------|--------|--------|--------|
| TW [TECE B1, TECE B2, TECE B3, TECE B4] | External | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Attainment as per percent weightage | | | 3 | 3 | 3 | 3 | 3 | 3 |
| Final Attainment | | | 3 | 3 | 3 | 3 | 3 | 3 |

External Assessment Course Outcome Attainment Average

| Course Outcome | CO1 | CO2 | соз | CO4 | CO5 | CO6 |
|----------------|------|------|------|------|------|------|
| Average | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| 3.0 | | | | | | |



Direct Total Attainment

| Course Outcome | Internal | External | | |
|--------------------------------|----------|----------|--|--|
| CO1 | 3.00 | 3.00 | | |
| CO2 | 3.00 | 3.00 | | |
| CO3 | 3.00 | 3.00 | | |
| CO4 | 3.00 | 3.00 | | |
| CO5 | 3.00 | 3.00 | | |
| CO6 | 3.00 | 3.00 | | |
| Average | 3.00 | 3.00 | | |
| Weightage | 60 | 40 | | |
| Direct Total Attainment | 1.80 | 1.20 | | |
| Final Direct Course Attainment | 3.00 | | | |

| Percentage | 83.33 | 55.67 | 100.00 | 75.00 | 100.00 | 50.00 | 66.67 | | | | | 73.33 | 3 | | | |
|------------|-------|-------|--------|-------|--------|-------|-------|---------|----|-------|-------|-------|------|---------------|------------|-------|
| 3.0 | | | | | | | | | | | | | | | | |
| 3.0 | | | | | | | | | | | | | | | | |
| 2.5 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 2.0 | | | | | | | | | | | | | | | | |
| 1.5 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 1.0 | | | | | | | | | | | | | | | | |
| 0.5 | | | | | | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 0 | | | | | | | - | | | | | | | | | - |
| PO-01 PO | 0-02 | PO-03 | PO-04 | 1 | PO-05 | PO-06 | PO | -07 PO- |)8 | PO-09 | PO-10 | PO-11 | PO-1 | 12 PSO-01(PSC | POS-02(PSO |) PSC |

PO-08

PO-09

PO-10

PO-11

PO-12

PSO-01(PSO)

2.20

PO-01

2.50

Final Attainment

PO-02

1.67

PO-03

3.00

PO-04

2.25

PO-05

3.00

PO-06

1.50

PO-07

2.00

1 Last published on 2024-02-24 11:03:54

POS-02(PSO)

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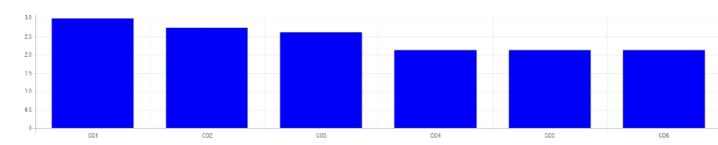
PSO-03(PSO)



Remote Sensing and GIS - Theory (2022-23) [Tejashri Kulkarni]

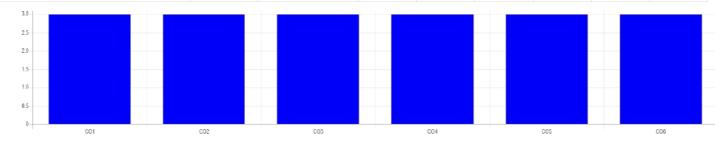
Internal Assessment

| Title | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|---|----------|-------------|-------|-------|-------|-------|-------|-------|
| Class Test 1 | Internal | 25 | 0.75 | 0.58 | | | | |
| Class Test 2/ Prelim Exam | Internal | 25 | | | 0.50 | 0.17 | 0.17 | 0.17 |
| QUIZ | Internal | 40 | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 |
| Assignment 1 Remote Sensing | Internal | 1 | 0.03 | | | | | |
| Assignment 2 - remote sensing satellites and sensor characteristics | Internal | 2 | | 0.06 | | | | |
| Assignment 3 - GPS and GNSS | Internal | 2 | | | 0.06 | | | |
| Assignment 4 - Image processing and analysis | Internal | 2 | | | | 0.06 | | |
| Assignment 5 - fundamentals of GIS | Internal | 2 | | | | | 0.06 | |
| Assignment 6 - GIS data and applications | Internal | 2 | | | | | | 0.06 |
| Percent course outcome weightage | | | 66.00 | 67.00 | 67.00 | 67.00 | 67.00 | 67.00 |
| Attainment as per percent weightage | | | 1.98 | 1.84 | 1.76 | 1.43 | 1.43 | 1.43 |
| Final attainment | | | 3 | 2.75 | 2.63 | 2.13 | 2.13 | 2.13 |



External Assessment

| Title | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|-------------------------------------|----------|-------------|--------|--------|--------|--------|--------|--------|
| In Sem Examination | External | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| END SEM | External | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 200.00 | 200.00 | 200.00 | 200.00 | 200.00 | 200.00 |
| Attainment as per percent weightage | | | 6 | 6 | 6 | 6 | 6 | 6 |
| Final attainment | | | 3 | 3 | 3 | 3 | 3 | 3 |

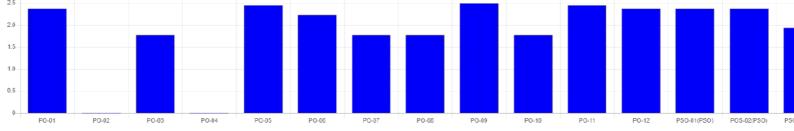


Direct Total Attainment

| Course Outcome | Internal | External |
|--------------------------------|----------|----------|
| CO1 | 3.00 | 3.00 |
| CO2 | 2.75 | 3.00 |
| CO3 | 2.63 | 3.00 |
| CO4 | 2.13 | 3.00 |
| CO5 | 2.13 | 3.00 |
| CO6 | 2.13 | 3.00 |
| Average | 2.46 | 3.00 |
| Weightage | 60 | 40 |
| Direct Total Attainment | 1.48 | 1.20 |
| Final Direct Course Attainment | | 2.68 |

Final Attainment

| | PO-01 | PO-02 | PO-03 | PO-04 | PO-05 | PO-06 | PO-07 | PO-08 | PO-09 | PO-10 | PO-11 | PO-12 | PSO-01(PSO) | POS-02(PSO) | PSO-03(PSO) |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------------|-------------|
| Final Attainment | 2.38 | | 1.78 | | 2.45 | 2.23 | 1.78 | 1.78 | 2.50 | 1.78 | 2.45 | 2.38 | 2.38 | 2.38 | 1.94 |
| Percentage | 79.33 | | 59.33 | | 81.67 | 74.33 | 59.33 | 59.33 | 83.33 | 59.33 | 81.67 | 79.33 | 79.33 | 79.33 | 64.67 |



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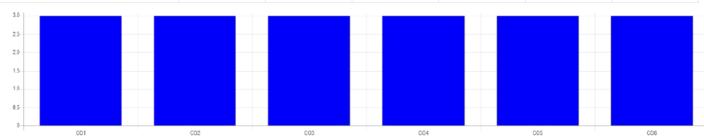
Remote Sensing and GIS Lab - Practical (2022-23) [Tejashri Kulkarni] [Tejashri Kulkarni] [Tejashri Kulkarni] [Tejashri Kulkarni]

Internal Assessment

| Batch [TECE B1, TECE B2, TECE B3, TECE B4] Internal Assessment | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|--|----------|-------------|--------|--------|--------|--------|--------|--------|
| Practical [TECE B1, TECE B2, TECE B3, TECE B4] | Internal | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Attainment as per percent weightage | | | 3 | 3 | 3 | 3 | 3 | 3 |
| Final Attainment | | | 3 | 3 | 3 | 3 | 3 | 3 |

Internal Assessment Course Outcome Attainment Average



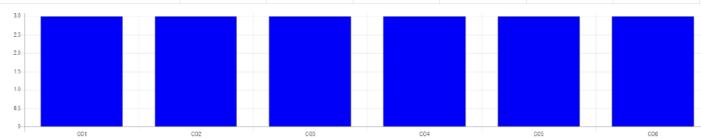


External Assessment

| Batch [TECE B1, TECE B2, TECE B3, TECE B4] External Assessment | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|--|----------|-------------|--------|--------|--------|--------|--------|--------|
| TERMWORKMARKS [TECE B1, TECE B2, TECE B3, TECE B4] | External | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Attainment as per percent weightage | | | 3 | 3 | 3 | 3 | 3 | 3 |
| Final Attainment | | | 3 | 3 | 3 | 3 | 3 | 3 |

External Assessment Course Outcome Attainment Average

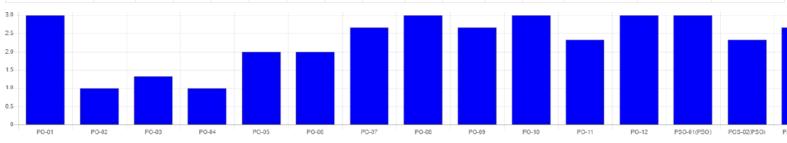
| Course Outcome | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|----------------|------|------|------|------|------|------|
| Average | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |



Direct Total Attainment

| Course Outcome | Internal | External |
|--------------------------------|----------|----------|
| CO1 | 3.00 | 3.00 |
| CO2 | 3.00 | 3.00 |
| CO3 | 3.00 | 3.00 |
| CO4 | 3.00 | 3.00 |
| CO5 | 3.00 | 3.00 |
| C06 | 3.00 | 3.00 |
| Average | 3.00 | 3.00 |
| Weightage | 60 | 40 |
| Direct Total Attainment | 1.80 | 1.20 |
| Final Direct Course Attainment | | 3.00 |

| | PO-01 | PO-02 | PO-03 | PO-04 | PO-05 | PO-06 | PO-07 | PO-08 | PO-09 | PO-10 | PO-11 | PO-12 | PSO-01(PSO) | POS-02(PSO) | PSO-03(PSO) |
|------------------|--------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-------------|-------------|-------------|
| Final Attainment | 3.00 | 1.00 | 1.33 | 1.00 | 2.00 | 2.00 | 2.67 | 3.00 | 2.67 | 3.00 | 2.33 | 3.00 | 3.00 | 2.33 | 2.67 |
| Percentage | 100.00 | 33.33 | 44.33 | 33.33 | 66.67 | 66.67 | 89.00 | 100.00 | 89.00 | 100.00 | 77.67 | 100.00 | 100.00 | 77.67 | 89.00 |



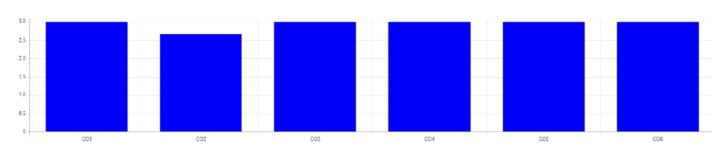
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Foundation Engineering - Theory (2022-23) [Tejashri Kulkarni]

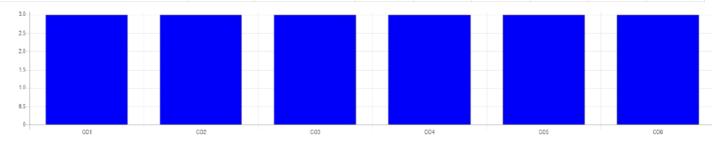
Internal Assessment

| Title | Type | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|--|----------|-------------|-------|-------|-------|-------|-------|-------|
| Unit Test 1 | Internal | 25 | 0.75 | 0.50 | | | | |
| Assignments | Internal | 25 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 |
| Prelim Examination | Internal | 25 | | | 0.75 | 0.75 | 0.75 | 0.75 |
| Othe Tool (Casestudy / Mini Project/ Cross words etc) | Internal | 25 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 | 0.75 |
| Percent course outcome weightage | | | 75.00 | 75.00 | 75.00 | 75.00 | 75.00 | 75.00 |
| Attainment as per percent weightage | | | 2.25 | 2.00 | 2.25 | 2.25 | 2.25 | 2.25 |
| Final attainment | | | 3 | 2.67 | 3 | 3 | 3 | 3 |



External Assessment

| Title | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|-------------------------------------|----------|-------------|--------|--------|--------|--------|--------|--------|
| Insem Examination | External | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Attainment as per percent weightage | | | 3 | 3 | 3 | 3 | 3 | 3 |
| Final attainment | | | 3 | 3 | 3 | 3 | 3 | 3 |

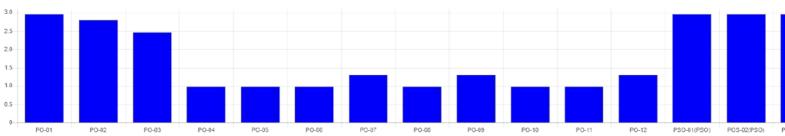


Direct Total Attainment

| Course Outcome | Internal | External |
|--------------------------------|----------|----------|
| CO1 | 3.00 | 3.00 |
| CO2 | 2.67 | 3.00 |
| CO3 | 3.00 | 3.00 |
| CO4 | 3.00 | 3.00 |
| CO5 | 3.00 | 3.00 |
| C06 | 3.00 | 3.00 |
| Average | 2.94 | 3.00 |
| Weightage | 60 | 40 |
| Direct Total Attainment | 1.76 | 1.20 |
| Final Direct Course Attainment | 2 | .96 |

Final Attainment

| | PO-01 | PO-02 | PO-03 | PO-04 | PO-05 | PO-06 | PO-07 | PO-08 | PO-09 | PO-10 | PO-11 | PO-12 | PSO-01(PSO) | POS-02(PSO) | PSO-03(PSO) |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------------|-------------|
| Final Attainment | 2.96 | 2.80 | 2.47 | 0.99 | 0.99 | 0.99 | 1.31 | 0.99 | 1.31 | 0.99 | 0.99 | 1.31 | 2.96 | 2.96 | 2.96 |
| Percentage | 98.67 | 93.33 | 82.33 | 33.00 | 33.00 | 33.00 | 43.67 | 33.00 | 43.67 | 33.00 | 33.00 | 43.67 | 98.67 | 98.67 | 98.67 |
| 3.0 | | | | | | | | | | | | | | | |

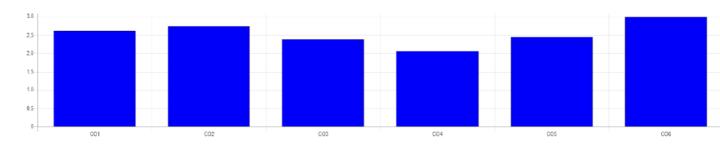




Dams and Hydraulic Structures - Theory (2022-23) [Rahul Paikrao]

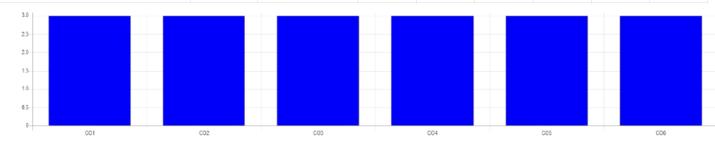
Internal Assessment

| Title | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|-------------------------------------|----------|-------------|-------|-------|-------|-------|-------|-------|
| Unit Test 1 | Internal | 25 | 0.50 | 0.58 | | | | |
| Prelims Examination | Internal | 25 | | | 0.33 | 0.13 | 0.38 | 0.75 |
| Presentation | Internal | 40 | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 |
| Assignment 01 | Internal | 1 | 0.03 | | | | | |
| Assignment 02 | Internal | 1 | | | | | | |
| Assignment 11 | Internal | 0 | | | | | | |
| Assignment 04 | Internal | 1 | | | 0.03 | | | |
| Assignment 05 | Internal | 1 | | | | 0.03 | | |
| Assignment 06 | Internal | 1 | | | | | 0.03 | |
| Assignment 07 | Internal | 1 | | | | | 0.03 | |
| Assignment 08 | Internal | 1 | | 0.03 | | | | |
| Assignment 09 | Internal | 1 | | | 0.03 | | | |
| Assignment 10 | Internal | 1 | | | | | 0.03 | 0.03 |
| Assignment No 03 | Internal | 1 | | | 0.03 | | | |
| Percent course outcome weightage | | | 66.00 | 66.00 | 68.00 | 66.00 | 68.00 | 66.00 |
| Attainment as per percent weightage | | | 1.73 | 1.81 | 1.62 | 1.36 | 1.67 | 1.98 |
| Final attainment | | | 2.62 | 2.74 | 2.38 | 2.06 | 2.46 | 3 |



External Assessment

| Title | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|-------------------------------------|----------|-------------|--------|--------|--------|--------|--------|--------|
| In-sem Examination | External | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| End-sem Examination | External | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 200.00 | 200.00 | 200.00 | 200.00 | 200.00 | 200.00 |
| Attainment as per percent weightage | | | 6 | 6 | 6 | 6 | 6 | 6 |
| Final attainment | | | 3 | 3 | 3 | 3 | 3 | 3 |



Direct Total Attainment

| Course Outcome | Internal | External |
|--------------------------------|----------|----------|
| CO1 | 2.62 | 3.00 |
| CO2 | 2.74 | 3.00 |
| CO3 | 2.38 | 3.00 |
| CO4 | 2.06 | 3.00 |
| CO5 | 2.46 | 3.00 |
| CO6 | 3.00 | 3.00 |
| Average | 2.54 | 3.00 |
| Weightage | 60 | 40 |
| Direct Total Attainment | 1.52 | 1.20 |
| Final Direct Course Attainment | 2 | .72 |

Final Attainment

| | PO-01 | PO-02 | PO-03 | PO-04 | PO-05 | PO-06 | PO-07 | PO-08 | PO-09 | PO-10 | PO-11 | PO-12 | PSO-01(PSO) | POS-02(PSO) | PSO-03(PSO) |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------------|-------------|
| Final Attainment | 2.27 | 2.36 | 2.27 | 2.72 | 1.82 | | | | | | | | 2.12 | | 1.36 |
| Percentage | 75.67 | 78.67 | 75.67 | 90.67 | 60.67 | | | | | | | | 70.67 | | 45.33 |



1 Last published on 2024-02-24 11:02:08

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Dams and Hydraulics Structures Lab - Practical (2022-23) [Rahul Paikrao] [Rahul Paikrao] [Rahul Paikrao] [Pallavi Padalkar]

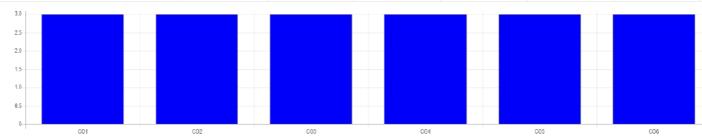
Internal Assessment

| Batch [BECE B4] Internal Assessment | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|---------------------------------------|----------|-------------|--------|--------|--------|--------|--------|--------|
| Practical Evaluation [BECE B4] | Internal | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Attainment as per percent weightage | | | 3 | 3 | 3 | 3 | 3 | 3 |
| Final Attainment | | | 3 | 3 | 3 | 3 | 3 | 3 |

| Batch [BECE B1, BECE B2, BECE B3, BECE B4] Internal Assessment | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|--|----------|-------------|--------|--------|--------|--------|--------|--------|
| DHS Lab Practicals [BECE B1, BECE B2, BECE B3, BECE B4] | Internal | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Attainment as per percent weightage | | | 3 | 3 | 3 | 3 | 3 | 3 |
| Final Attainment | | | 3 | 3 | 3 | 3 | 3 | 3 |

Internal Assessment Course Outcome Attainment Average

| Course Outcome | CO1 | CO2 | соз | CO4 | CO5 | CO6 |
|----------------|------|------|------|------|------|------|
| Average | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |

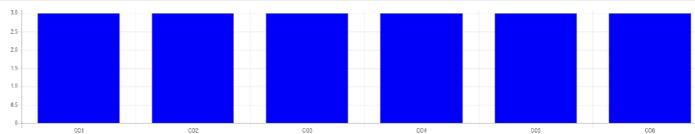


External Assessment

| Batch [BECE B1, BECE B2, BECE B3, BECE B4] External Assessment | Туре | % Weightage | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|--|----------|-------------|--------|--------|--------|--------|--------|--------|
| Oral Examination [BECE B1, BECE B2, BECE B3, BECE B4] | External | 100 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| Percent course outcome weightage | | | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Attainment as per percent weightage | | | 3 | 3 | 3 | 3 | 3 | 3 |
| Final Attainment | | | 3 | 3 | 3 | 3 | 3 | 3 |

External Assessment Course Outcome Attainment Average

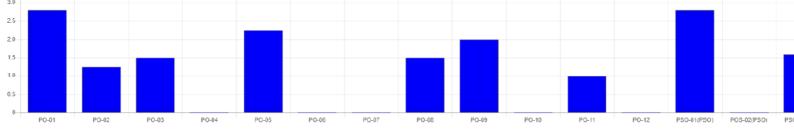
| Course Outcome | CO1 | CO2 | CO3 | CO4 | CO5 | CO6 |
|----------------|------|------|------|------|------|------|
| Average | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |



Direct Total Attainment

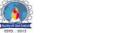
| Course Outcome | Internal | External | |
|--------------------------------|----------|----------|--|
| CO1 | 3.00 | 3.00 | |
| CO2 | 3.00 | 3.00 | |
| CO3 | 3.00 | 3.00 | |
| CO4 | 3.00 | 3.00 | |
| CO5 | 3.00 | 3.00 | |
| C06 | 3.00 | 3.00 | |
| Average | 3.00 | 3.00 | |
| Weightage | 60 | 40 | |
| Direct Total Attainment | 1.80 | 1.20 | |
| Final Direct Course Attainment | 3.00 | | |

| | PO-01 | PO-02 | PO-03 | PO-04 | PO-05 | PO-06 | PO-07 | PO-08 | PO-09 | PO-10 | PO-11 | PO-12 | PSO-01(PSO) | POS-02(PSO) | PSO-03(PSO) |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------------|-------------|
| Final Attainment | 2.80 | 1.25 | 1.50 | | 2.25 | | | 1.50 | 2.00 | | 1.00 | | 2.80 | | 1.60 |
| Percentage | 93.33 | 41.67 | 50.00 | | 75.00 | | | 50.00 | 66.67 | | 33.33 | | 93.33 | | 53.33 |



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Feedback Analysis

Title: 2023-04-Stud-TL-AEDC
Academic Year: 2022-23
Class: SEM-8: BEEE [Electrical Engineering]
Details: Prasad Phad

Total number of response(s): 71 / 81

| , | | | | | | | | | | | |
|-------------------------------|-----------------|--|----------------|------------|--|--|--|--|--|--|--|
| Question | Has the Teacher | the Teacher covered entire Syllabus as prescribed by University? | | | | | | | | | |
| Answer | Value | No. of response(s) | Response value | Response % | | | | | | | |
| Very Poor | 1 | 3 | 3 | 0.85 | | | | | | | |
| Poor | 2 | 2 | 4 | 1.13 | | | | | | | |
| Good | 3 | 14 | 42 | 11.83 | | | | | | | |
| Very Good | 4 | 19 | 76 | 21.41 | | | | | | | |
| Excellent | 5 | 33 | 165 | 46.48 | | | | | | | |
| Performance | | | 81.69 | | | | | | | | |
| Final Attainment | | 2.45 | | | | | | | | | |

| Question | Has the Tea | the Teacher covered relevant topics beyond syllabus | | | | | | | |
|-------------------------------|-------------|---|----------------|------------|--|--|--|--|--|
| Answer | Value | No. of response(s) | Response value | Response % | | | | | |
| Very Poor | 1 | 1 | 1 | 0.28 | | | | | |
| Poor | 2 | 2 | 4 | 1.13 | | | | | |
| Good | 3 | 13 | 39 | 10.99 | | | | | |
| Very Good | 4 | 20 | 80 | 22.54 | | | | | |
| Excellent | 5 | 35 | 175 | 49.30 | | | | | |
| Performance | | | | 84.23 | | | | | |
| Final Attainment | | 2.53 | | | | | | | |

| Question | Effectiveness | fectiveness of Teacher in terms of: (a) Technical content/course content (b) Communication skills (c) Use of teaching aids (ICT, PPT) | | | | | | | | | | |
|-------------------------------|---------------|---|------------|-------|--|--|--|--|--|--|--|--|
| Answer | Value | No. of response(s) | Response % | | | | | | | | | |
| Very Poor | 1 | 2 | 2 | 0.56 | | | | | | | | |
| O Poor | 2 | 1 | 2 | 0.56 | | | | | | | | |
| Good Good | 3 | 16 | 48 | 13.52 | | | | | | | | |
| Very Good | 4 | 18 | 72 | 20.28 | | | | | | | | |
| Excellent | 5 | 34 | 170 | 47.89 | | | | | | | | |
| Performance | | | 82.82 | | | | | | | | | |
| Final Attainment | | 2.48 | | | | | | | | | | |

| Question | Pace on whi | ace on which contents were covered | | | | | | |
|-------------------------------|-------------|------------------------------------|----------------|------------|--|--|--|--|
| Answer | Value | No. of response(s) | Response value | Response % | | | | |
| Very Poor | 1 | 1 | 1 | 0.28 | | | | |
| Poor | 2 | 2 | 4 | 1.13 | | | | |
| Good Good | 3 | 10 | 30 | 8.45 | | | | |
| Very Good | 4 | 23 | 92 | 25.92 | | | | |
| Excellent | 5 | 35 | 175 | 49.30 | | | | |
| Performance | | 85.07 | | | | | | |
| Final Attainment | | 2.55 | | | | | | |

| Question | Motivation and ins | otivation and inspiration for students to learn and apply professional ethics. | | | | | | |
|-------------------------------|--------------------|--|------------|-------|--|--|--|--|
| Answer | Value | Response value | Response % | | | | | |
| Very Poor | 1 | 2 | 2 | 0.56 | | | | |
| Poor | 2 | 1 | 2 | 0.56 | | | | |
| Good | 3 | 16 | 48 | 13.52 | | | | |
| Very Good | 4 | 20 | 80 | 22.54 | | | | |
| Excellent | 5 | 32 | 160 | 45.07 | | | | |
| Performance | | 82.25 | | | | | | |
| Final Attainment | | 2.47 | | | | | | |

| Question | Support for ti | pport for the development of Students' skill (i) Practical demonstration (ii) Hands on training (iii) Case Study / Other | | | | | | | |
|-------------------------------|----------------|--|------------|-------|--|--|--|--|--|
| Answer | Value | No. of response(s) | Response % | | | | | | |
| Very Poor | 1 | 2 | 2 | 0.56 | | | | | |
| Poor | 2 | 4 | 8 | 2.25 | | | | | |
| Good | 3 | 13 | 39 | 10.99 | | | | | |
| Very Good | 4 | 24 | 96 | 27.04 | | | | | |
| Excellent | 5 | 28 | 140 | 39.44 | | | | | |
| Performance | | 80.28 | | | | | | | |
| Final Attainment | | 2.41 | | | | | | | |

| Question | Clarity of ex | Clarity of expectations of students | | | | | | | |
|-------------------------------|---------------|-------------------------------------|----------------|------------|--|--|--|--|--|
| Answer | Value | No. of response(s) | Response value | Response % | | | | | |
| Very Poor | 1 | 2 | 2 | 0.56 | | | | | |
| O Poor | 2 | 1 | 2 | 0.56 | | | | | |
| Good Good | 3 | 11 | 33 | 9.30 | | | | | |
| Very Good | 4 | 18 | 72 | 20.28 | | | | | |
| Excellent | 5 | 39 | 195 | 54.93 | | | | | |
| Performance | | | | 85.63 | | | | | |
| Final Attainment | | | | 2.57 | | | | | |















| Question | Feedback provid | Feedback provided on Students' progress | | | | | |
|-------------------------------|-----------------|---|----------------|------------|--|--|--|
| Answer | Value | No. of response(s) | Response value | Response % | | | |
| Very Poor | 1 | 2 | 2 | 0.56 | | | |
| Poor | 2 | 1 | 2 | 0.56 | | | |
| Good | 3 | 14 | 42 | 11.83 | | | |
| Very Good | 4 | 24 | 96 | 27.04 | | | |
| Excellent | 5 | 30 | 150 | 42.25 | | | |
| Performance | | 82.25 | | | | | |
| Final Attainment | | 2.47 | | | | | |





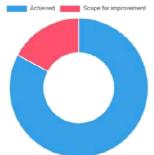
| Question | Willingness to offe | Willingness to offer help and advice to Students on Personal & Technical aspects. | | | | | | | |
|-------------------------------|---------------------|---|----------------|------------|--|--|--|--|--|
| Answer | Value | No. of response(s) | Response value | Response % | | | | | |
| Very Poor | 1 | 3 | 3 | 0.85 | | | | | |
| Poor | 2 | 0 | 0 | 0.00 | | | | | |
| Good | 3 | 18 | 54 | 15.21 | | | | | |
| Very Good | 4 | 19 | 76 | 21.41 | | | | | |
| Excellent | 5 | 31 | 155 | 43.66 | | | | | |
| Performance | | 81.13 | | | | | | | |
| Final Attainment | | 2.43 | | | | | | | |

- NOTE:
 Response Value = (Value * Total Number of Responses)
 Response % = (Response Value / (Max Value * Total Number of Responses))

| Questionwise Attainment | | | | | | |
|-------------------------|------------|--|--|--|--|--|
| Activity Number | Attainment | | | | | |
| 1 | 2.45 | | | | | |
| 2 | 2.53 | | | | | |
| 3 | 2.48 | | | | | |
| 4 | 2.55 | | | | | |
| 5 | 2.47 | | | | | |
| 6 | 2.41 | | | | | |
| 7 | 2.57 | | | | | |
| 8 | 2.47 | | | | | |
| 9 | 2.43 | | | | | |

| Program outcome and qu | Program outcome and question mapping | | | | | | | | | | | | | |
|------------------------|--------------------------------------|-----|------|-----|------|------|------|------|-----|------|------|------|------|------|
| AO | PO1 | PO2 | PO3 | PO4 | PO5 | P06 | P07 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
| AO1 | | | | | | | | | | | | | | |
| AO2 | | | | | | | | | | | 3 | | | |
| AO3 | 3 | | | | 3 | | | | | 3 | | | | |
| AO4 | | | | | | | | | | 3 | | | | |
| AO5 | | | | | | | | 3 | | | | | | |
| AO6 | | | | | | | | | | | 3 | 3 | | |
| AO7 | | | | | | | | | | 3 | | | | |
| AO8 | | | | | | | | | | 3 | | | | |
| AO9 | | | 3 | | | 3 | 3 | | | | | 3 | | |
| Average | 3.00 | | 3.00 | | 3.00 | 3.00 | 3.00 | 3.00 | | 3.00 | 3.00 | 3.00 | | |

| Program outcome att | rogram outcome attainment | | | | | | | | | | | | | | |
|---------------------|---------------------------|------|-----|------|-----|------|------|------|------|-----|------|------|------|------|------|
| AO | AO Attainment | PO1 | PO2 | PO3 | PO4 | PO5 | P06 | P07 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
| AO1 | 2.45 | | | | | | | | | | | | | | |
| AO2 | 2.53 | | | | | | | | | | | 2.53 | | | |
| AO3 | 2.48 | 2.48 | | | | 2.48 | | | | | 2.48 | | | | |
| AO4 | 2.55 | | | | | | | | | | 2.55 | | | | |
| AO5 | 2.47 | | | | | | | | 2.47 | | | | | | |
| AO6 | 2.41 | | | | | | | | | | | 2.41 | 2.41 | | |
| AO7 | 2.57 | | | | | | | | | | 2.57 | | | | |
| AO8 | 2.47 | | | | | | | | | | 2.47 | | | | |
| AO9 | 2.43 | | | 2.43 | | | 2.43 | 2.43 | | | | | 2.43 | | |
| Average | 2.48 | 2.48 | | 2.43 | | 2.48 | 2.43 | 2.43 | 2.47 | | 2.52 | 2.47 | 2.42 | | |



Achieved 82.82 | Scope for improvement 17.18



Feedback Analysis

Title: 2023-05-EE-Stud-Cexit-EM

Academic Year: 2022-23
Class: SEM-6: TEEE [Electrical Engineering]
Details: 303151D: Energy Management - Theory | Regular (Sonali Gosavi)

Total number of response(s): 56 / 68

| Question | At what level do y | what level do you understand importance of energy Conservation and energy security and impact of energy use on environment | | | | | | | |
|------------------|--------------------|--|----------------|------------|--|--|--|--|--|
| Answer | Value | No. of response(s) | Response value | Response % | | | | | |
| High | 5 | 23 | 115 | 41.07 | | | | | |
| Moderate | 4 | 29 | 41.43 | | | | | | |
| Average | 3 | 4 | 12 | 4.29 | | | | | |
| Performance | | 86.79 | | | | | | | |
| Final Attainment | | 2.60 | | | | | | | |

| Question | At what level yo | t what level you can understand follow format of energy management, energy policy | | | | | | |
|------------------|------------------|---|------------|-------|--|--|--|--|
| Answer | Value | No. of response(s) | Response % | | | | | |
| High | 5 | 22 | 110 | 39.29 | | | | |
| Moderate | 4 | 29 | 116 | 41.43 | | | | |
| Average | 3 | 5 | 15 | 5.36 | | | | |
| Performance | | | 86.07 | | | | | |
| Final Attainment | | | 2.58 | | | | | |

| Question | At what leve | at what level you can understand demand side management tools and impact of tariff on demand management | | | | | | | |
|------------------------|--------------|---|-----|-------|--|--|--|--|--|
| Answer | Value | lue No. of response(s) Response value Response % | | | | | | | |
| High | 5 | 20 | 100 | 35.71 | | | | | |
| Moderate | 4 | 31 | 124 | 44.29 | | | | | |
| Average | 3 | 5 | 15 | 5.36 | | | | | |
| Performance | | 85.36 | | | | | | | |
| Final Attainment | | 2.56 | | | | | | | |

| Question | At what level | At what level you can understand importance of Data Analytics in Energy audit and audit process | | | | | | | | |
|------------------|---------------|---|----------------|------------|--|--|--|--|--|--|
| Answer | Value | No. of response(s) | Response value | Response % | | | | | | |
| High | 5 | 26 | 130 | 46.43 | | | | | | |
| Moderate | 4 | 26 | 104 | 37.14 | | | | | | |
| Average | 3 | 4 | 12 | 4.29 | | | | | | |
| Performance | | | 87.86 | | | | | | | |
| Final Attainment | | | | 2.64 | | | | | | |

| Question | At what leve | At what level you can understand calculate energy consumption and saving options with economic feasibility. | | | | | | | | | |
|------------------|--------------|---|----------------|------------|--|--|--|--|--|--|--|
| Answer | Value | No. of response(s) | Response value | Response % | | | | | | | |
| High | 5 | 21 | 105 | 37.50 | | | | | | | |
| Moderate | 4 | 31 | 124 | 44.29 | | | | | | | |
| Low | 3 | 4 | 12 | 4.29 | | | | | | | |
| Performance | | | 86.07 | | | | | | | | |
| Final Attainment | | | 2.58 | | | | | | | | |

| Question | At what leve | At what level you can understand use of appropriate energy conservation measure in field applications or industry. | | | | | | | | | |
|------------------|--------------|--|----------------|------------|--|--|--|--|--|--|--|
| Answer | Value | No. of response(s) | Response value | Response % | | | | | | | |
| High | 5 | 20 | 100 | 35.71 | | | | | | | |
| Moderate | 4 | 32 | 128 | 45.71 | | | | | | | |
| Average | 3 | 4 | 12 | 4.29 | | | | | | | |
| Performance | | | | 85.71 | | | | | | | |
| Final Attainment | | | 2.57 | | | | | | | | |













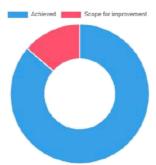
NOTE:

- Response Value = (Value * Total Number of Responses)
 Response % = (Response Value / (Max Value * Total Number of Responses))

| Questionwise Attainment | | | | | | | | |
|-------------------------|------------|--|--|--|--|--|--|--|
| Activity Number | Attainment | | | | | | | |
| 1 | 2.60 | | | | | | | |
| 2 | 2.58 | | | | | | | |
| 3 | 2.56 | | | | | | | |
| 4 | 2.64 | | | | | | | |
| 5 | 2.58 | | | | | | | |
| 6 | 2.57 | | | | | | | |

| Program outcome and question mapping | | | | | | | | | | | | | | |
|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| AO | PO1 | PO2 | PO3 | PO4 | PO5 | P06 | P07 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
| AO1 | | 2 | | | | 2 | 2 | 3 | 2 | | | 3 | 2 | |
| AO2 | | 2 | 3 | 2 | | 3 | | | 2 | | | | | 2 |
| AO3 | 2 | | | | 3 | | 2 | 2 | | | | 1 | | 2 |
| AO4 | | 2 | 2 | 3 | 2 | 1 | | | | | | | 1 | |
| AO5 | 2 | | | 1 | | 3 | | | | 1 | 3 | | 2 | |
| AO6 | 2 | | | 3 | | | | | 2 | 2 | | | 3 | |
| Average | 2.00 | 2.00 | 2.50 | 2.25 | 2.50 | 2.25 | 2.00 | 2.50 | 2.00 | 1.50 | 3.00 | 2.00 | 2.00 | 2.00 |

| Program outcome atta | rogram outcome attainment | | | | | | | | | | | | | | |
|----------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| AO | AO Attainment | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | P07 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
| AO1 | 2.60 | | 1.74 | | | | 1.74 | 1.74 | 2.60 | 1.74 | | | 2.60 | 1.74 | |
| AO2 | 2.58 | | 1.72 | 2.58 | 1.72 | | 2.58 | | | 1.72 | | | | | 1.72 |
| AO3 | 2.56 | 1.71 | | | | 2.56 | | 1.71 | 1.71 | | | | 0.85 | | 1.71 |
| AO4 | 2.64 | | 1.76 | 1.76 | 2.64 | 1.76 | 0.88 | | | | | | | 0.88 | |
| AO5 | 2.58 | 1.72 | | | 0.86 | | 2.58 | | | | 0.86 | 2.58 | | 1.72 | |
| AO6 | 2.57 | 1.71 | | | 2.57 | | | | | 1.71 | 1.71 | | | 2.57 | |
| Average | 2.59 | 1.71 | 1.74 | 2.17 | 1.95 | 2.16 | 1.94 | 1.72 | 2.16 | 1.72 | 1.29 | 2.58 | 1.73 | 1.73 | 1.71 |



Achieved 86.31 | Scope for improvement 13.69



Guru Gobind Singh College of Engineering & Research Centre, Nashik

Feedback Analysis

Title: EE-BE-Industrial visit-Dahanu

Academic Year: 2022-23
Class: SEM-8: BEEE [Electrical Engineering]

Details : Activity

Total number of response(s): 70 / 81

| Question | At What level D | What level Do you you Understand Power Plant? | | | | | | | | |
|------------------|-----------------|---|----------------|------------|--|--|--|--|--|--|
| Answer | Value | No. of response(s) | Response value | Response % | | | | | | |
| High | 3 | 29 | 87 | 41.43 | | | | | | |
| Medium | 2 | 36 | 72 | 34.29 | | | | | | |
| Low | 1 | 5 | 5 | 2.38 | | | | | | |
| Performance | | 78.10 | | | | | | | | |
| Final Attainment | | 2.34 | | | | | | | | |

| Question | At what level do | At what level do you understand Process of Electricity generation ? | | | | | | | |
|------------------|------------------|---|----------------|------------|--|--|--|--|--|
| Answer | Value | No. of response(s) | Response value | Response % | | | | | |
| High | 3 | 33 | 99 | 47.14 | | | | | |
| Medium | 2 | 33 | 66 | 31.43 | | | | | |
| Low | 1 | 4 | 4 | 1.90 | | | | | |
| Performance | | 80.48 | | | | | | | |
| Final Attainment | | 2.41 | | | | | | | |

| Question | How was Yo | ow was Your Overall Experience? | | | | | | | | |
|------------------|------------|---------------------------------|------------|-------|--|--|--|--|--|--|
| Answer | Value | No. of response(s) | Response % | | | | | | | |
| High | 3 | 30 | 90 | 42.86 | | | | | | |
| Medium | 2 | 32 | 64 | 30.48 | | | | | | |
| Low | 1 | 8 | 8 | 3.81 | | | | | | |
| Performance | | 77.14 | | | | | | | | |
| Final Attainment | | 2.31 | | | | | | | | |







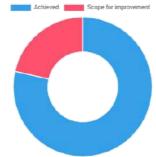
NOTE:

- Response Value = (Value * Total Number of Responses)
- Response % = (Response Value / (Max Value * Total Number of Responses))

| Questionwise Attainment | | | | | | | |
|-------------------------|------------|--|--|--|--|--|--|
| Activity Number | Attainment | | | | | | |
| 1 | 2.34 | | | | | | |
| 2 | 2.41 | | | | | | |
| 3 | 2.31 | | | | | | |

| Program outcome and qu | rogram outcome and question mapping | | | | | | | | | | | | | |
|------------------------|-------------------------------------|-----|-----|-----|-----|------|------|------|-----|------|------|------|------|------|
| AO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | P07 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
| AO1 | 3 | | | | | 2 | 2 | 3 | | | 2 | 3 | | |
| AO2 | 3 | | | | | 2 | 2 | 2 | | | 2 | 3 | | |
| AO3 | 3 | | | | | 2 | 2 | 2 | | | 2 | 3 | | |
| Average | 3.00 | | | | | 2.00 | 2.00 | 2.33 | | | 2.00 | 3.00 | | |

| Program outcome att | Program outcome attainment | | | | | | | | | | | | | | |
|---------------------|----------------------------|------|-----|-----|-----|-----|------|------|------|-----|------|------|------|------|------|
| AO | AO Attainment | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | P07 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
| AO1 | 2.34 | 2.34 | | | | | 1.56 | 1.56 | 2.34 | | | 1.56 | 2.34 | | |
| AO2 | 2.41 | 2.41 | | | | | 1.61 | 1.61 | 1.61 | | | 1.61 | 2.41 | | |
| AO3 | 2.31 | 2.31 | | | | | 1.54 | 1.54 | 1.54 | | | 1.54 | 2.31 | | |
| Average | 2.36 | 2.36 | | | | | 1.57 | 1.57 | 1.83 | | | 1.57 | 2.36 | | |



Achieved 78.57 | Scope for improvement 21.43



Guru Gobind Singh College of Engineering & Research Centre, Nashik

Feedback Analysis

Title: Expert Talk - What it mean to be an engineer?

Academic Year: 2022-23
Class: SEM-7: BEEE [Electrical Engineering]

Details : Activity

Total number of response(s): 68 / 81

| Question | At what level Experi problems. ? [PO-1] | | | | | | | | |
|---------------------|--|--------------------|----------------|------------|--|--|--|--|--|
| Answer | Value | No. of response(s) | Response value | Response % | | | | | |
| High | 3 | 41 | 123 | 60.29 | | | | | |
| Moderate | 2 | 23 | 22.55 | | | | | | |
| Low | 1 | 4 | 4 | 1.96 | | | | | |
| Performance | | 84.80 | | | | | | | |
| Final Attainment | | 2.54 | | | | | | | |

| Question | At what level Exper | t Lecture help you to identify, formulate and analyze differen | nt Electrical Engineering problems and reaching sus | tained conclusion? [PO-2] | | | | |
|------------------|---------------------|--|---|---------------------------|--|--|--|--|
| Answer | Value | No. of response(s) | Response value | Response % | | | | |
| High | 3 | 37 | 111 | 54.41 | | | | |
| Moderate | 2 | 27 | 54 | 26.47 | | | | |
| Low | 1 | 4 | 4 | 1.96 | | | | |
| Performance | 82.84 | | | | | | | |
| Final Attainment | | 2.49 | | | | | | |

| Question | At what level Exper | Lecture help you to designing the solutions for different ele | ctrical engineering problems, components or proces | ses that meet the specified needs? [PO-3] | | | | |
|------------------|---------------------|---|--|---|--|--|--|--|
| Answer | Value | No. of response(s) | Response % | | | | | |
| High | 3 | 40 | 120 | 58.82 | | | | |
| Moderate | 2 | 24 | 23.53 | | | | | |
| Low | 1 | 4 | 4 | 1.96 | | | | |
| Performance | | 84.31 | | | | | | |
| Final Attainment | | 2.5 | | | | | | |

| Question | At what level | t what level Expert Lecture help you to utilizeknowledge of Electrical Engineering for investigations of complex problems ? [PO-4] | | | | | | | | |
|------------------|---------------|--|-------|-------|--|--|--|--|--|--|
| Answer | Value | 'alue No. of response(s) Response value Response % | | | | | | | | |
| High | 3 | 34 | 50.00 | | | | | | | |
| Moderate | 2 | 30 | 60 | 29.41 | | | | | | |
| Low | 1 | 4 | 4 | 1.96 | | | | | | |
| Performance | | 81.37 | | | | | | | | |
| Final Attainment | | 2.44 | | | | | | | | |









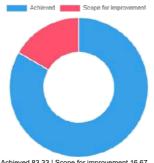
NOTE:

- Response Value = (Value * Total Number of Responses)
- Response % = (Response Value / (Max Value * Total Number of Responses))

| Questionwise Attainment | | | | | | | |
|-------------------------|------------|--|--|--|--|--|--|
| Activity Number | Attainment | | | | | | |
| 1 | 2.54 | | | | | | |
| 2 | 2.49 | | | | | | |
| 3 | 2.53 | | | | | | |
| 4 | 2.44 | | | | | | |

| Program outcome and qu | gram outcome and question mapping | | | | | | | | | | | | | |
|------------------------|-----------------------------------|-----|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| AO | PO1 | PO2 | PO3 | PO4 | PO5 | P06 | P07 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
| AO1 | 2 | | 3 | | | | | | | | | | | |
| AO2 | 2 | | 3 | | | | | | | | | | | |
| AO3 | 2 | | 3 | | | | | | | | | | | |
| AO4 | 2 | | 3 | | | | | | | | | | | |
| Average | 2.00 | | 3.00 | | | | | | | | | | | |

| Program outcome attainment | | | | | | | | | | | | | | | |
|----------------------------|---------------|------|-----|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| AO | AO Attainment | PO1 | PO2 | PO3 | PO4 | PO5 | P06 | P07 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
| AO1 | 2.54 | 1.70 | | 2.54 | | | | | | | | | | | |
| AO2 | 2.49 | 1.66 | | 2.49 | | | | | | | | | | | |
| AO3 | 2.53 | 1.69 | | 2.53 | | | | | | | | | | | |
| AO4 | 2.44 | 1.63 | | 2.44 | | | | | | | | | | | |
| Average | 2.50 | 1.67 | | 2.50 | | | | | | | | | | | |





GGSF-Engineering
Combined Direct Indirect Outcome Report - [Mechanical Engineering - 2022-23]

| Project | | | | | | | | | | | | | | |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| Course Code | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO 1 | PSO 2 |
| 402047 | | | | | | | | | | | | | | |
| SEM-1: FE ME | | | | | | | | | | | | | | |
| Course Code | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO 1 | PSO 2 |
| No subject found for this semester. | | | | | | | | | | | | | | |
| SEM-3:SEME | | | | | | | | | | | | | | |
| Course Code | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO 1 | PSO 2 |
| 202041_TH | 1.84 | 1.84 | 0.92 | 1.23 | 1.02 | | | | | 0.61 | 0.61 | 0.61 | 0.61 | 1.84 |
| 202042 | 1.73 | 0.58 | 1.50 | | 1.30 | | | | | | | | 1.25 | 1.73 |
| 202043_Th | 2.09 | 2.09 | 2.09 | 2.09 | 1.39 | | 1.27 | | 0.70 | | | | | |
| 202044_TH | 1.51 | 1.01 | | 0.84 | 0.67 | | | | | 1.01 | | 1.51 | | 1.51 |
| 203156 | 1.63 | 1.27 | 1.45 | 1.09 | 1.18 | 0.91 | 1.09 | 0.72 | 1.00 | 0.82 | 0.64 | 1.63 | 1.63 | 1.09 |
| 202046 | | | | | | | | | | 1.80 | | | | |
| 202041_PR | 3.00 | 3.00 | 1.50 | 2.00 | 1.67 | | | | | 1.00 | 1.00 | 1.00 | 1.00 | 3.00 |
| 202042 | 1.80 | 0.60 | 1.56 | | 1.35 | | | | | | | | | |
| 202044_PR | 0.89 | 0.59 | | 0.50 | 0.39 | | | | | 0.59 | | 0.89 | | 0.89 |
| 202045 | 1.80 | 1.20 | 1.20 | 0.60 | | 0.60 | 1.20 | | 1.20 | 1.05 | | 0.60 | 0.60 | 0.60 |
| 202043_Pr | 3.00 | 3.00 | 2.50 | 2.50 | 2.00 | 1.00 | 1.67 | 2.00 | 2.00 | 2.00 | | 2.00 | | |
| 203156 | 1.50 | 1.17 | 1.33 | 1.00 | 1.08 | 0.83 | 1.00 | 0.67 | 0.92 | 0.75 | 0.58 | 1.50 | 1.50 | 1.00 |
| SEM-5: TEME | | | | | | | | | | | | | | |
| Course Code | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | P07 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO 1 | PSO 2 |
| 302041_TH | 1.04 | 1.56 | 1.04 | 1.04 | 1.04 | | | | | | | 1.48 | | 1.04 |
| 302042_TH | 1.85 | 1.85 | 1.85 | 1.44 | 1.23 | 1.13 | 1.13 | 0.72 | 0.62 | 0.62 | 1.23 | 0.62 | 1.85 | 1.85 |
| 302043_Th | 1.76 | 1.76 | 1.76 | 1.40 | 0.98 | 1.27 | 1.40 | | 0.98 | 0.98 | | | | 1.76 |
| 302044 | 0.93 | 0.93 | 0.46 | 0.50 | | | | | 0.93 | | | | 0.93 | 0.93 |
| 402048 | | | | | | | | | | | | | | |
| 302045-A_TH | 1.02 | 1.17 | 1.32 | 0.66 | 1.02 | 0.88 | 1.10 | | | | 0.73 | 1.14 | 1.02 | 1.05 |
| 302045_TH | 1.62 | 0.95 | 1.08 | 0.90 | 1.08 | 1.08 | | 0.68 | 0.54 | 1.62 | 1.08 | 0.54 | | |
| 302041_PR | 2.13 | 1.90 | | 0.94 | 1.54 | | | | 1.66 | 1.54 | | 1.77 | | 1.66 |
| 302042_PR | 2.60 | 2.60 | 2.60 | 2.17 | 0.87 | | | | | | | | 2.60 | 2.60 |
| 302043_Pr | 2.60 | 2.60 | 2.60 | 2.31 | 2.02 | 1.45 | 1.73 | | 1.73 | 1.73 | | | | 2.60 |
| 302044 | 1.80 | 1.80 | 0.90 | 0.96 | | | | | 1.80 | | | | 1.80 | 1.80 |
| 302046_PR | 1.80 | 1.80 | 1.80 | 1.20 | 1.80 | | 1.50 | 1.20 | | | 1.20 | 1.65 | 1.80 | 1.65 |
| 302047_PR | 0.63 | 0.32 | 0.47 | 0.53 | 0.47 | 0.32 | 0.32 | 0.32 | 0.58 | 0.63 | | 0.85 | 0.47 | 0.32 |
| SEM-7: BEME A | | | | | | | | | | | | | | |
| Course Code | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO 1 | PSO 2 |
| | | | | | | | | | | | | | | |

| 402042 | 0.91 | 0.85 | 0.60 | 0.40 | 0.50 | | | | 0.30 | 0.30 | | 0.35 | 0.30 | 0.91 |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| 402043_TH | 1.57 | 1.88 | 1.88 | 1.88 | 1.73 | | | | 1.25 | | 1.25 | | 1.88 | 1.88 |
| 402044D_TH | 1.69 | 1.22 | 1.22 | 0.84 | 0.90 | 0.84 | 0.70 | 0.70 | 1.22 | 0.90 | 1.03 | 1.22 | 1.40 | 1.22 |
| 402044C_TH | 1.90 | 1.90 | 2.02 | | 2.02 | | 2.02 | | | | 1.35 | 1.90 | 1.90 | 1.90 |
| 402045A_TH | 1.70 | 1.42 | 1.14 | 1.42 | 0.57 | | 1.14 | 1.14 | 1.42 | 1.70 | 1.52 | 1.52 | | |
| 402045C_TH | 1.51 | 1.51 | 1.17 | 1.01 | 1.26 | 1.01 | 1.35 | 1.01 | 0.92 | 0.67 | 0.50 | 1.51 | 0.50 | 1.35 |
| 402042 | 1.80 | 1.68 | 1.20 | 0.80 | 1.00 | | | | 0.60 | 0.60 | | 0.70 | 0.60 | 1.80 |
| 402043_PR | 1.30 | 1.56 | 1.56 | 1.56 | 1.43 | | | | | 1.04 | 1.04 | | 1.56 | |
| 402046_PR | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 | | 0.60 | 0.60 | 0.60 | | 0.60 | 0.60 | 0.60 |
| 402041_PR | 1.80 | 1.80 | 1.80 | 1.56 | 1.32 | 1.50 | 1.65 | 1.20 | 1.68 | 1.68 | 0.72 | 0.72 | | |
| SEM-7: BEME B | | | | | | | | | | | | | | |
| Course Code | PO1 | PO2 | РО3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO 1 | PSO 2 |
| 402041 | 2.01 | 2.01 | 2.01 | 2.01 | 2.01 | | 1.46 | | | | | | | |
| 402042_TH | 2.09 | 1.86 | 1.74 | 0.93 | 1.17 | | | | 0.70 | | | 0.82 | 0.70 | 2.09 |
| 402043_TH | 1.44 | 1.73 | 1.73 | 1.73 | 1.59 | | | | 1.15 | | 1.15 | | 1.73 | 1.73 |
| 402044D_TH | 1.33 | 0.96 | 0.96 | 0.67 | 0.71 | 0.67 | 0.56 | 0.56 | 0.96 | 0.71 | 0.81 | 0.96 | 1.11 | 0.96 |
| 402044C_TH | 2.20 | 2.20 | 2.33 | | 2.33 | | 2.33 | | | | 1.56 | 2.20 | 2.20 | 2.20 |
| 402045A_TH | 1.66 | 1.38 | 1.11 | 1.38 | 0.55 | | 1.11 | 1.11 | 1.38 | 1.66 | 1.48 | 1.48 | | |
| 402045C_TH | 1.40 | 1.40 | 1.09 | 0.94 | 1.17 | 0.94 | 1.25 | 0.94 | 0.86 | 0.62 | 0.47 | 1.40 | 0.47 | 1.25 |
| 402042_PR | 1.80 | 1.60 | 1.50 | 0.80 | 1.00 | | | | 0.60 | | | 0.70 | 0.60 | 1.80 |
| 402043_Pr | 1.44 | 1.73 | 1.73 | 1.73 | | | | | | 1.15 | | 1.15 | 0.58 | 0.58 |
| 402046_PR | 1.44 | 1.08 | 0.60 | 0.80 | 0.75 | 0.60 | | 0.60 | 1.20 | 1.56 | | 1.44 | 0.90 | 1.32 |
| 402041_PR | 1.80 | 1.80 | 1.80 | 1.56 | 1.32 | 1.50 | 1.65 | 1.20 | 1.68 | 1.68 | 0.72 | 0.72 | | |
| SEM-4: SEME | | | | | | | | | | | | | | |
| Course Code | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | P07 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO 1 | PSO 2 |
| 207002 | 1.22 | 0.91 | | | | | | | | | | | | |
| 202047 | 1.25 | 0.92 | 1.25 | 0.92 | 0.42 | | | | | | | | 0.83 | 0.83 |
| 202048_Th | 2.05 | 2.05 | 1.59 | | 1.83 | 0.68 | 1.50 | 0.68 | 1.14 | 1.14 | | | | |
| 202049_TH | 1.47 | 1.47 | 1.14 | 1.23 | 1.23 | 0.49 | 0.49 | 0.49 | 0.49 | | 0.49 | 0.49 | 1.47 | 1.47 |
| 202050_TH | 1.26 | 1.12 | 1.68 | 1.12 | | | | | | | | | 1.68 | 1.68 |
| 202053_TH | 1.80 | 1.00 | 1.05 | 0.90 | 0.60 | 0.60 | 0.60 | 0.60 | | 0.60 | 0.60 | | 0.80 | 0.90 |
| 207002 | 1.80 | 1.35 | | | | | | | | | | | | |
| 202047 | 0.60 | 0.44 | 0.60 | 0.44 | 0.20 | | | | | | | | 0.40 | 0.40 |
| 202048_PR | 1.80 | 1.20 | | 0.80 | 1.20 | | 1.20 | | 1.20 | 1.20 | | 1.00 | | |
| 202049_PR | 3.00 | 1.86 | 2.29 | 2.14 | | | | | | | | | 3.00 | 3.00 |
| 202051_TH | 1.60 | 1.20 | 1.60 | 1.20 | 1.80 | 1.05 | 0.60 | 1.50 | | 1.20 | | 1.20 | | |
| 202052_PR | 1.80 | 1.20 | 1.80 | 1.20 | 1.50 | 1.50 | 0.60 | 1.20 | 1.50 | 1.00 | 1.20 | 1.80 | 1.20 | 1.80 |
| SEM-6: TEME | | | | | | | | | | | | | | |
| Course Code | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO 1 | PSO 2 |
| 302049_TH | 2.59 | 2.59 | 2.59 | 1.73 | 2.31 | | | | 1.58 | 1.29 | | 1.73 | 1.73 | 2.59 |
| 302050 | 1.64 | 1.27 | 0.55 | 0.73 | 0.55 | 0.55 | | 0.55 | | 1.09 | | 1.09 | 1.09 | 0.55 |
| 302051_Th | 2.38 | 1.59 | 1.59 | | 0.79 | | 1.59 | | 1.59 | 1.59 | | 1.59 | | 0.93 |
| 302052A_TH | 1.99 | 1.59 | 1.59 | 1.43 | 1.19 | | 1.59 | | | | | | | 1.85 |

| 302052 B_TH | 1.04 | | 0.35 | | | | 0.35 | 0.69 | | 0.69 | | 1.04 | | 1.04 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| 302056_TH | 0.91 | | | | 1.01 | | 0.51 | 0.89 | 1.01 | 1.39 | 0.85 | 1.11 | | 1.21 |
| 302053_PR | 1.80 | 1.20 | | 1.20 | 1.20 | | 0.60 | 1.20 | | 1.20 | | 1.80 | 1.20 | 1.80 |
| 302054_PR | 1.80 | 0.60 | 1.05 | 1.40 | | | | | | | | | 1.20 | 1.40 |
| 302049_PR | 3.00 | 3.00 | 1.00 | 2.00 | 2.00 | | | | 2.00 | | 1.00 | 1.00 | 1.00 | 2.00 |
| 302050 | 2.60 | 2.02 | 0.87 | 1.15 | 0.87 | 0.87 | | 0.87 | | 1.73 | | 1.73 | 1.73 | 0.87 |
| 302051_Th | 1.20 | 0.80 | 0.80 | | 0.40 | | 0.80 | | 0.80 | 0.80 | | 0.80 | | 0.47 |
| SEM-8: BEME-A | | | | | | | | | | | | | | |
| Course Code | PO1 | PO2 | РОЗ | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | POII | PO12 | PSO 1 | PSO 2 |
| 402050D_TH | | | | | | 0.34 | | | 0.34 | | 1.03 | 0.34 | | |
| 402050A_TH | 0.87 | 0.63 | 0.53 | 0.53 | | 0.48 | 0.43 | 0.39 | 0.58 | 0.58 | 0.48 | 0.48 | | |
| 402051D_TH | 1.29 | | | | | | | 1.29 | 0.65 | 0.72 | 0.86 | 1.29 | | 1.22 |
| 402051E_TH | 2.55 | 1.27 | 1.70 | 0.85 | 1.70 | | 1.70 | | 1.70 | 1.70 | | 1.70 | 0.85 | 1.70 |
| 402051C | 1.15 | 0.77 | 0.89 | | | | | | | | | 0.77 | | 1.15 |
| 402048_TH | 1.57 | 0.94 | 0.78 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.61 | 0.52 | 0.52 | 0.52 | 1.57 | 0.52 |
| 402049_TH | 2.00 | 2.00 | 2.00 | 1.50 | 1.33 | 2.00 | 2.00 | 1.33 | 1.33 | | | | 2.00 | 2.00 |
| 402055 | 1.50 | 1.30 | 0.74 | 1.12 | | | | | | | | | 1.68 | 1.68 |
| 402052_PR | 1.10 | 1.05 | 0.90 | 1.00 | 1.20 | 1.20 | 1.05 | 1.70 | 0.90 | 0.90 | 0.90 | 1.50 | 1.50 | 1.70 |
| 402048_PR | 1.50 | 1.50 | 1.50 | 1.50 | 1.17 | 1.00 | | | | | | | 1.50 | 1.50 |
| 402049_PR | 1.80 | 1.50 | 1.50 | 1.58 | 1.28 | 1.20 | 1.13 | 0.60 | 0.75 | 0.75 | | 1.20 | | 1.20 |
| SEM-8: BEME-B | | | | | | | | | | 1 | | | | |
| Course Code | PO1 | PO2 | РОЗ | PO4 | PO5 | PO6 | P07 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO 1 | PSO 2 |
| 402050D_TH | | | | | | 0.49 | | | 0.49 | | 1.46 | 0.49 | | |
| 402050A_TH | 1.18 | 0.85 | 0.72 | 0.72 | | 0.65 | 0.59 | 0.52 | 0.78 | 0.78 | 0.65 | 0.65 | | |
| 402051D_TH | 1.38 | | | | | | | 1.38 | 0.69 | 0.77 | 0.92 | 1.38 | | 1.30 |
| 402051E_TH | 2.52 | 1.26 | 1.68 | 0.84 | 1.68 | | 1.68 | | 1.68 | 1.68 | | 1.68 | 0.84 | 1.68 |
| 402051C | 1.35 | 0.90 | 1.05 | | | | | | | | | 0.90 | | 1.35 |
| 402048 | 1.42 | 1.42 | 0.95 | 0.95 | 0.95 | | | | | | | | 1.42 | 1.42 |
| 402049_Th | 1.84 | 1.74 | 1.69 | 1.53 | 1.72 | 0.82 | 1.23 | 0.61 | 1.03 | | 1.23 | 1.23 | | |
| | 1.60 | 1.40 | 0.80 | 1.20 | | | | | | | | | 1.80 | 1.80 |
| 402048 | 1.50 | 1.50 | 1.50 | 1.50 | 1.17 | 1.00 | | | | | | | 1.50 | 1.50 |
| 402049_Pr | 2.40 | 2.00 | 1.70 | 2.10 | 1.50 | 1.60 | 1.70 | | 1.70 | 1.70 | | | | |
| 402052_PR | 1.83 | 1.75 | 1.50 | 1.67 | 2.00 | 2.00 | 1.75 | 2.83 | 1.50 | 1.50 | 1.50 | 2.50 | 2.50 | 2.83 |
| Average outcome | 1.63 | 1.35 | 1.18 | 0.98 | 0.94 | 0.40 | 0.60 | 0.39 | 0.63 | 0.64 | 0.38 | 0.77 | 0.75 | 1.10 |
| Attainment (80% of average outcome) | 1.31 | 1.08 | 0.94 | 0.78 | 0.75 | 0.32 | 0.48 | 0.31 | 0.50 | 0.51 | 0.30 | 0.62 | 0.60 | 0.88 |
| Indirect Feedback | POI | PO2 | РОЗ | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | POII | PO12 | PSO 1 | PSO 2 |
| Teaching-Learning Feedback | 1.92 | | 1.92 | | 1.92 | 1.92 | 1.92 | 1.80 | | 1.98 | 1.92 | 1.86 | | |
| Teaching-Learning Feedback | 2.70 | | 2.70 | | 2.70 | 2.70 | 2.70 | 2.70 | | 2.66 | 2.70 | 2.70 | | |
| Teaching-Learning Feedback | 2.80 | | 2.80 | | 2.80 | 2.80 | 2.80 | 2.80 | | 2.80 | 2.80 | 2.80 | | |
| Teaching-Learning Feedback | 2.20 | | 2.40 | | 2.20 | 2.40 | 2.40 | 2.20 | | 2.15 | 2.20 | 2.30 | | |
| Teaching-Learning Feedback | 2.70 | | 2.70 | | 2.70 | 2.70 | 2.70 | 2.70 | | 2.70 | 2.70 | 2.70 | | |
| Teaching-Learning Feedback | 2.80 | | 2.80 | | 2.80 | 2.80 | 2.80 | 2.80 | | 2.80 | 2.80 | 2.80 | | |
| | | | | | | | | | | | | | | |

| Teaching-Learning Feedback | 2.80 | | 2.80 | | 2.80 | 2.80 | 2.80 | 2.80 | | 2.80 | 2.80 | 2.80 | | |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Teaching-Learning Feedback | 2.02 | | 2.07 | | 2.02 | 2.07 | 2.07 | 1.95 | | 2.04 | 1.90 | 1.96 | | |
| Teaching-Learning Feedback | 2.36 | | 2.42 | | 2.36 | 2.42 | 2.42 | 2.38 | | 2.40 | 2.37 | 2.40 | | |
| Teaching-Learning Feedback | 2.13 | | 2.19 | | 2.13 | 2.19 | 2.19 | 2.11 | | 2.14 | 2.11 | 2.14 | | |
| Teaching-Learning Feedback | 2.04 | | 2.08 | | 2.04 | 2.08 | 2.08 | 2.04 | | 2.05 | 2.02 | 2.05 | | |
| Teaching-Learning Feedback | 2.08 | | 2.10 | | 2.08 | 2.10 | 2.10 | 2.06 | | 2.09 | 2.04 | 2.09 | | |
| Teaching-Learning Feedback | 2.42 | | 2.36 | | 2.42 | 2.36 | 2.36 | 2.50 | | 2.33 | 2.32 | 2.32 | | |
| Teaching-Learning Feedback | 2.13 | | 2.17 | | 2.13 | 2.17 | 2.17 | 2.09 | | 2.20 | 2.17 | 2.15 | | |
| Teaching-Learning Feedback | 2.37 | | 2.43 | | 2.37 | 2.43 | 2.43 | 2.37 | | 2.40 | 2.37 | 2.40 | | |
| Teaching-Learning Feedback | 2.51 | | 2.56 | | 2.51 | 2.56 | 2.56 | 2.58 | | 2.54 | 2.49 | 2.51 | | |
| Teaching-Learning Feedback | 2.60 | | 2.67 | | 2.60 | 2.67 | 2.67 | 2.70 | | 2.69 | 2.63 | 2.64 | | |
| Teaching-Learning Feedback | 2.46 | | 2.53 | | 2.46 | 2.53 | 2.53 | 2.48 | | 2.54 | 2.47 | 2.49 | | |
| Teaching-Learning Feedback | 2.53 | | 2.57 | | 2.53 | 2.57 | 2.57 | 2.54 | | 2.59 | 2.52 | 2.53 | | |
| Teaching-Learning Feedback | 2.54 | | 2.59 | | 2.54 | 2.59 | 2.59 | 2.61 | | 2.62 | 2.54 | 2.55 | | |
| Teaching-Learning Feedback | 2.47 | | 2.57 | | 2.47 | 2.57 | 2.57 | 2.55 | | 2.57 | 2.48 | 2.50 | | |
| Teaching-Learning Feedback | 2.56 | | 2.61 | | 2.56 | 2.61 | 2.61 | 2.60 | | 2.62 | 2.57 | 2.57 | | |
| Teaching-Learning Feedback | 2.51 | | 2.59 | | 2.51 | 2.59 | 2.59 | 2.58 | | 2.57 | 2.54 | 2.55 | | |
| Teaching-Learning Feedback | 2.43 | | 2.45 | | 2.43 | 2.45 | 2.45 | 2.41 | | 2.46 | 2.40 | 2.41 | | |
| Teaching-Learning Feedback | 0.00 | | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | | |
| Teaching-Learning Feedback | 2.44 | | 2.52 | | 2.44 | 2.52 | 2.52 | 2.49 | | 2.52 | 2.46 | 2.47 | | |
| Teaching-Learning Feedback | 2.51 | | 2.40 | | 2.51 | 2.40 | 2.40 | 2.36 | | 2.51 | 2.45 | 2.42 | | |
| Teaching-Learning Feedback | 2.47 | | 2.47 | | 2.47 | 2.47 | 2.47 | 2.47 | | 2.50 | 2.45 | 2.44 | | |
| Teaching-Learning Feedback | 2.48 | | 2.51 | | 2.48 | 2.51 | 2.51 | 2.55 | | 2.54 | 2.48 | 2.48 | | |
| Teaching-Learning Feedback | 2.46 | | 2.55 | | 2.46 | 2.55 | 2.55 | 2.50 | | 2.53 | 2.47 | 2.48 | | |
| Teaching-Learning Feedback | 2.39 | | 2.50 | | 2.39 | 2.50 | 2.50 | 2.47 | | 2.51 | 2.42 | 2.46 | | |
| Teaching-Learning Feedback | 2.47 | | 2.59 | | 2.47 | 2.59 | 2.59 | 2.58 | | 2.57 | 2.48 | 2.54 | | |
| Teaching-Learning Feedback | 2.52 | | 2.57 | | 2.52 | 2.57 | 2.57 | 2.58 | | 2.59 | 2.51 | 2.53 | | |
| Teaching-Learning Feedback | 2.47 | | 2.59 | | 2.47 | 2.59 | 2.59 | 2.56 | | 2.56 | 2.50 | 2.52 | | |
| ME-BE-HVAC Course Exist Feedback | 2.34 | 2.34 | 2.19 | 2.34 | 1.87 | 1.56 | 2.32 | 1.04 | 0.91 | 0.78 | | | | |
| ME-BE-HVAC Course Exist Feedback | 2.35 | 2.36 | 2.20 | 2.35 | 1.88 | 1.53 | 2.31 | 1.04 | 0.91 | 0.79 | | | | |
| ME-BE-DAL-Course Exit Feedback | 2.01 | 1.51 | 0.84 | 1.11 | 1.04 | 0.86 | | 0.83 | 1.67 | 2.01 | | 2.01 | 1.26 | 1.84 |
| ME-BE-DAL-Course Exit Feedback | 1.86 | 1.40 | 0.79 | 1.03 | 0.97 | 0.79 | | 0.78 | 1.55 | 1.86 | | 1.86 | 1.15 | 1.71 |
| ME-BE-PPD-Course Exit Feedback | 2.65 | 2.21 | 1.73 | 2.21 | 0.90 | | 1.75 | 1.69 | 2.21 | 2.67 | 2.36 | 2.31 | | |
| ME-BE-PPD-Course Exit Feedback | 2.59 | 2.11 | 1.70 | 2.11 | 0.87 | | 1.67 | 1.70 | 2.11 | 2.56 | 2.26 | 2.30 | | |
| ME-TE-HMT-Course Exit Feedback | 2.40 | 2.40 | 2.40 | 2.41 | | | | | 2.45 | | | | 2.40 | 2.40 |
| ME-TE-HMT-Course Exit Feedback | 2.43 | 2.43 | 2.43 | 2.42 | | | | | 2.42 | | | | 2.43 | 2.43 |
| ME-BE-TM-Course Exit Feedback | 2.28 | 2.49 | 2.49 | 2.49 | 2.28 | | | | 1.66 | | 1.66 | | 2.49 | 2.49 |
| ME-BE-TM-Course Exit Feedback | 2.34 | 2.55 | 2.55 | 2.55 | 2.34 | | | | 1.70 | | 1.70 | | 2.55 | 2.55 |
| ME-BE-TM-Course Exit Feedback | 2.32 | 2.53 | 2.53 | 2.53 | 2.32 | | | | 1.69 | | 1.69 | | 2.53 | 2.53 |
| ME-BE-TM-Course Exit Feedback | 2.29 | 2.50 | 2.50 | 2.50 | 2.29 | | | | 1.66 | | 1.66 | | 2.50 | 2.50 |
| ME-TE-MST-Course Exit Feedback | 2.53 | 1.48 | 1.67 | 1.38 | 1.69 | 1.71 | | 1.05 | 0.81 | 2.42 | 1.67 | 0.85 | | |
| ME-BE-MMP-Course Exit Feedback | 2.41 | 2.41 | 2.55 | | 2.55 | | 2.55 | | | | 1.70 | 2.41 | 2.41 | 2.41 |
| ME-BE-MMP-Course Exit Feedback | 2.27 | 2.27 | 2.40 | | 2.40 | | 2.40 | | | | 1.60 | 2.27 | 2.27 | 2.27 |

| ME-TE-AFJP-Course exit feedback | 1.87 | 2.11 | 2.44 | 1.20 | 1.87 | 1.64 | 1.98 | | | | 1.33 | 2.11 | 1.87 | 1.89 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ME-TE-DML-Course exit feedback | 2.33 | 2.33 | 2.33 | 1.56 | 2.39 | | 1.96 | 1.63 | | | 1.61 | 2.16 | 2.33 | 2.15 |
| ME-BE-IE-Course exit Feedback | 2.46 | 1.79 | 1.79 | 1.22 | 1.34 | 1.21 | 1.00 | 1.00 | 1.78 | 1.50 | 1.35 | 1.78 | 2.08 | 1.78 |
| ME-BE-IE-Course exit Feedback | 2.55 | 1.85 | 1.85 | 1.27 | 1.39 | 1.27 | 1.04 | 1.04 | 1.85 | 1.57 | 1.40 | 1.86 | 2.16 | 1.85 |
| ME-TE.NSM-Course Exit Feedback | 2.35 | 2.35 | | 2.35 | 2.35 | | | | | | | | | |
| ME-BE-DOM-Course Exit Feedback | 2.65 | 2.47 | 1.75 | 1.18 | 1.46 | | | | 0.88 | 0.88 | | 1.03 | 0.88 | 2.65 |
| ME-BE-DOM-Course Exit Feedback | 2.24 | 2.10 | 1.49 | 0.99 | 1.26 | | | | 0.74 | 0.74 | | 0.87 | 0.74 | 2.24 |
| ME-TE-DME-Course Exit Feedback | 2.28 | 2.28 | 2.28 | 1.86 | 1.28 | 1.64 | 1.82 | | 1.32 | 1.32 | | | | 2.28 |
| ME-TE-MEXT-Course Exit Feedback | 2.46 | 2.43 | 1.27 | 1.33 | | | | | 2.46 | | | | 2.46 | 2.48 |
| ME-SE-ET-Course Exit Feedback | 2.37 | 2.37 | 1.57 | 1.18 | 1.58 | 0.80 | 1.09 | 1.50 | 0.78 | 0.79 | | 0.80 | | |
| ME-SE-EMM-Course Exit Feedback | 2.29 | 1.67 | | 1.31 | 1.03 | | | | | 1.54 | | 2.29 | | |
| ME-SE-SM-Course Exit Feedback | 2.22 | 2.22 | 1.14 | 1.45 | 1.19 | | | | | 0.74 | 0.72 | 0.74 | 0.72 | 2.22 |
| ME-SE-SMD-Course Exit Feedback | 2.29 | | 1.67 | | 1.89 | | | | | | | | | |
| ME-SE-AC-Course Exit Feedback | | | | | | | | | | 2.23 | | | | |
| ME-GL-SEM-II-Energy Conservation and Audit | 2.31 | | | | 2.15 | | 2.31 | | 2.54 | | | 2.38 | | |
| ME-GL-SEM-II-Energy Conservation and Audit | 2.50 | | | | 2.50 | | 2.50 | | 2.50 | | | 2.50 | | |
| 7 Days NSS Special Winter Camp Exit Survey | | | | | | 3.00 | 1.67 | | 2.50 | 2.00 | | | | |
| 2023-04-Stud-TL-CIM | 2.40 | | 2.57 | | 2.40 | 2.57 | 2.57 | 2.49 | | 2.51 | 2.49 | 2.53 | | |
| 2023-04-Stud-TL-CIM | 2.55 | | 2.47 | | 2.55 | 2.47 | 2.47 | 2.55 | | 2.47 | 2.55 | 2.47 | | |
| 2023-04-Stud-TL-CIM | 2.47 | | 2.40 | | 2.47 | 2.40 | 2.40 | 2.38 | | 2.43 | 2.39 | 2.37 | | |
| 2023-04-Stud-TL-EE | 2.66 | | 2.74 | | 2.66 | 2.74 | 2.74 | 2.66 | | 2.76 | 2.74 | 2.74 | | |
| 2023-04-Stud-TL-EE | 2.30 | | 2.20 | | 2.30 | 2.20 | 2.20 | 2.20 | | 2.40 | 2.15 | 2.15 | | |
| 2023-04-Stud-TL-EE | 2.51 | | 2.54 | | 2.51 | 2.54 | 2.54 | 2.52 | | 2.53 | 2.50 | 2.51 | | |
| 2023-04-Stud-TL-QRE | 2.53 | | 2.52 | | 2.53 | 2.52 | 2.52 | 2.56 | | 2.57 | 2.51 | 2.51 | | |
| 2023-04-Stud-TL-QRE | 2.50 | | 2.49 | | 2.50 | 2.49 | 2.49 | 2.56 | | 2.57 | 2.47 | 2.48 | | |
| 2023-04-Stud-TL-EEFM | 2.25 | | 2.25 | | 2.25 | 2.25 | 2.25 | 2.25 | | 2.29 | 2.17 | 2.25 | | |
| 2023-04-Stud-TL-EEFM | 2.63 | | 2.51 | | 2.63 | 2.51 | 2.51 | 2.55 | | 2.62 | 2.59 | 2.51 | | |
| 2023-04-Stud-TL-IPOB | 2.27 | | 2.43 | | 2.27 | 2.43 | 2.43 | 2.33 | | 2.45 | 2.33 | 2.35 | | |
| 2023-04-Stud-TL-IPOB | 2.59 | | 2.72 | | 2.59 | 2.72 | 2.72 | 2.59 | | 2.64 | 2.62 | 2.67 | | |
| 2023-05-ME-Stud-Cexit-EE | 2.54 | 2.40 | 2.31 | 2.09 | 2.36 | 1.13 | 1.71 | 0.85 | 1.41 | | 1.71 | 1.69 | | |
| 2023-05-ME-Stud-Cexit-EE | 2.45 | 2.31 | 2.25 | 2.04 | 2.29 | 1.09 | 1.65 | 0.83 | 1.36 | | 1.64 | 1.62 | | |
| 2023-05-ME-Stud-Cexit-TE-AIML | 2.41 | 2.40 | 2.40 | 1.61 | 2.14 | | | | 1.47 | 1.21 | | 1.61 | 1.61 | 2.41 |
| 2023-04-ME-Stud-IV-WPS-SE | 1.59 | 0.75 | 1.65 | | 1.52 | | | | | | 1.62 | | | 1.52 |
| 2023-04-ME-Stud-IV-SE-ATD | 1.61 | 1.54 | 0.81 | | 1.63 | | | | | | 1.65 | | | 0.81 |
| 2023-04-ME-Stud-TL-EHV | 2.25 | | 2.38 | | 2.25 | 2.38 | 2.38 | 2.31 | | 2.32 | 2.21 | 2.28 | | |
| 2023-04-ME-Stud-TL-EHV | 2.32 | | 2.38 | | 2.32 | 2.38 | 2.38 | 2.44 | | 2.44 | 2.41 | 2.37 | | |
| 2023-04-ME-Stud-TL-AIML | 2.37 | | 2.35 | | 2.37 | 2.35 | 2.35 | 2.40 | | 2.42 | 2.39 | 2.34 | | |
| 2023-04-ME-Stud-TL-CAE | 2.16 | | 2.17 | | 2.16 | 2.17 | 2.17 | 2.20 | | 2.22 | 2.17 | 2.15 | | |
| 2023-04-ME-Stud-TL-DTS | 2.21 | | 2.30 | | 2.21 | 2.30 | 2.30 | 2.33 | | 2.36 | 2.23 | 2.23 | | |
| 2023-04-ME-Stud-TL-CM | 2.21 | | 2.30 | | 2.21 | 2.30 | 2.30 | 2.21 | | 2.37 | 2.21 | 2.22 | | |
| 2023-04-ME-Stud-TL-SE | 2.29 | | 2.37 | | 2.29 | 2.37 | 2.37 | 2.34 | | 2.40 | 2.28 | 2.28 | | |
| 2023-04-ME-Stud-TL-ML | 2.33 | | 2.45 | | 2.33 | 2.45 | 2.45 | 2.35 | | 2.41 | 2.31 | 2.40 | | |
| 2023-04-ME-Stud-TL-FPCL | 2.06 | | 2.20 | | 2.06 | 2.20 | 2.20 | 2.09 | | 2.19 | 2.11 | 2.13 | | |

| 2023-04-ME-Stud-TL-AC-VI | 2.11 | | 2.21 | | 2.11 | 2.21 | 2.21 | 2.11 | | 2.20 | 2.03 | 2.10 | | |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2023-04-ME-Stud-TL-EM-III | 2.53 | | 2.70 | | 2.53 | 2.70 | 2.70 | 2.67 | | 2.66 | 2.60 | 2.60 | | |
| 2023-04-ME-Stud-TL-KOM | 2.46 | | 2.55 | | 2.46 | 2.55 | 2.55 | 2.61 | | 2.55 | 2.53 | 2.54 | | |
| 2023-04-ME-Stud-TL-ATD | 2.47 | | 2.47 | | 2.47 | 2.47 | 2.47 | 2.61 | | 2.52 | 2.42 | 2.43 | | |
| 2023-04-ME-Stud-TL-ATD | 2.46 | | 2.43 | | 2.46 | 2.43 | 2.43 | 2.51 | | 2.54 | 2.47 | 2.44 | | |
| 2023-04-ME-Stud-TL-ATD | 2.15 | | 2.43 | | 2.15 | 2.43 | 2.43 | 2.43 | | 2.43 | 2.21 | 2.29 | | |
| 2023-04-ME-Stud-TL-MP | 2.10 | | 2.07 | | 2.10 | 2.07 | 2.07 | 2.04 | | 2.15 | 2.01 | 2.01 | | |
| 2023-04-ME-Stud-TL-FM | 2.40 | | 2.40 | | 2.40 | 2.40 | 2.40 | 2.40 | | 2.43 | 2.32 | 2.37 | | |
| 2023-04-ME-Stud-TL-MS | 2.27 | | 2.32 | | 2.27 | 2.32 | 2.32 | 2.40 | | 2.34 | 2.31 | 2.28 | | |
| 2023-04-ME-Stud-TL-PBL-II | 2.52 | | 2.58 | | 2.52 | 2.58 | 2.58 | 2.46 | | 2.55 | 2.46 | 2.52 | | |
| 2023-04-ME-Stud-TL-PBL-II | 2.33 | | 2.63 | | 2.33 | 2.63 | 2.63 | 2.55 | | 2.53 | 2.40 | 2.48 | | |
| 2023-04-ME-Stud-TL-PBL-II | 2.30 | | 2.49 | | 2.30 | 2.49 | 2.49 | 2.31 | | 2.41 | 2.31 | 2.39 | | |
| 2023-04-ME-Stud-TL-PBL-II | 2.35 | | 2.46 | | 2.35 | 2.46 | 2.46 | 2.48 | | 2.48 | 2.41 | 2.39 | | |
| 2023-05-ME-Stud-Cexit-CM | 2.33 | 1.29 | 0.78 | | | | | | | | | 1.96 | | 1.16 |
| 2023-05-ME-Stud-Cexit-KOM | 2.50 | 1.83 | 2.50 | 1.83 | 0.87 | | | | | | | | 1.68 | 1.68 |
| 2023-05-ME-Stud-GL-Higher Edu. Oppor. | | | | | | | | | 1.56 | 1.65 | | | | 2.39 |
| 2023-05-ME-Stud-GL-Higher Edu. Oppor. | | | | | | | | | 1.59 | 1.53 | | | | 2.26 |
| 2023-05-ME-Stud-GL-Higher Edu. Oppor. | | | | | | | | | 1.68 | 1.60 | | | | 2.50 |
| 2023-05-ME-Stud-GL-Higher Edu. Oppor. | | | | | | | | | 1.67 | 1.64 | | | | 2.39 |
| 2023-05-ME-Stud-IV-TE-ML | 1.61 | 1.52 | 0.82 | | 2.38 | | | | | | 0.83 | | | 2.38 |
| 2023-05-ME-Stud-IV-SE-KOM | | | | | 1.67 | | | | | | 1.67 | | 2.63 | 2.63 |
| 2023-05-ME-Stud-Cexit-QRE | 2.56 | 2.56 | 2.13 | 2.54 | | 2.58 | 2.62 | 1.69 | 1.68 | 1.72 | | 1.72 | | |
| 2023-05-ME-Stud-Cexit-QRE | 2.62 | 2.62 | 2.19 | 2.57 | | 2.65 | 2.57 | 1.75 | 1.69 | 1.78 | | 1.70 | | |
| 2023-05-ME-CExit-MS | 2.34 | 2.34 | 2.31 | 1.47 | 1.63 | 2.38 | 1.63 | 1.63 | | 1.52 | | 1.54 | | |
| 2023-05-ME-Stud-Cexit-ATD | 2.44 | 2.44 | 1.87 | | 2.16 | 0.82 | 1.81 | 0.81 | 1.35 | 1.35 | | | | |
| 2023-05-ME-Stud-Cexit-ML | 2.44 | 1.09 | 0.79 | 1.63 | 1.62 | 0.82 | 0.82 | 1.63 | | 1.64 | 0.82 | 2.44 | 1.65 | 2.44 |
| 2023-05-ME-Stud-Cexit-SE | 2.44 | 0.80 | 1.14 | | | | 0.80 | 1.63 | | 1.65 | | 2.44 | | 2.44 |
| 2023-05-ME-Stud-Cexit-IPOB | 2.60 | | | | | | | 2.60 | 1.30 | 0.87 | 1.72 | 2.60 | | 2.46 |
| 2023-05-ME-Stud-Cexit-IPOB | 2.56 | | | | | | | 2.56 | 1.28 | 0.87 | 1.72 | 2.56 | | 2.43 |
| 2023-05-ME-Stud-Cexit-MSAL | 2.56 | 1.99 | 1.71 | 1.71 | 2.13 | 1.72 | 2.00 | 2.60 | 1.74 | 1.69 | 2.59 | 2.14 | 1.43 | 1.71 |
| 2023-05-ME-Stud-Cexit-MSAL | 2.46 | 1.91 | 1.64 | 1.65 | 2.06 | 1.65 | 1.89 | 2.51 | 1.65 | 1.61 | 2.56 | 2.06 | 1.37 | 1.64 |
| 2023-05-ME-Stud-Cexit-AC | 1.54 | | | | | | | 1.34 | 1.56 | 2.29 | 1.32 | 1.80 | | 1.70 |
| 2023-05-ME-Stud-Cexit-ATD | 2.36 | 2.36 | 1.82 | | 2.14 | 0.83 | 1.73 | 0.79 | 1.31 | 1.31 | | | | |
| 2023-05-ME-Stud-Cexit-ATD | 2.52 | 2.52 | 1.99 | | 2.19 | 0.82 | 1.84 | 0.84 | 1.39 | 1.39 | | | | |
| 2023-05-ME-Stud-Cexit-EE | 2.58 | 2.58 | 2.58 | 1.94 | 1.72 | 2.58 | 2.58 | 1.73 | 1.72 | | | | 2.58 | 2.58 |
| 2023-05-ME-Stud-Cexit-EE | 2.52 | 2.52 | 2.54 | 1.90 | 1.69 | 2.53 | 2.54 | 1.70 | 1.71 | | | | 2.50 | 2.46 |
| 2023-05-ME-Stud-Cexit-FM | 2.57 | 2.57 | 2.00 | 2.13 | 2.13 | 0.86 | 0.86 | 0.86 | 0.86 | | 0.86 | 0.86 | 2.57 | 2.57 |
| 2023-05-ME-Stud-Cexit-FM | 2.55 | 2.55 | 1.99 | 2.12 | 2.12 | 0.85 | 0.85 | 0.85 | 0.85 | | 0.85 | 0.85 | 2.55 | 2.55 |
| 2023-05-ME-Stud-Cexit-AC-VIII | 2.34 | 2.05 | 1.17 | 1.79 | 1.75 | | | | 0.88 | 0.88 | 0.88 | 0.88 | 2.63 | 2.63 |
| 2023-05-ME-Stud-Cexit-AC-VIII | 2.15 | 1.88 | 1.07 | 1.63 | 1.61 | | | | 0.79 | 0.79 | 0.79 | 0.79 | 2.42 | 2.42 |
| 2023-05-ME-Stud-Cexit-EHV | 2.90 | 1.43 | 1.92 | 0.96 | 1.92 | | 1.92 | | 1.93 | 1.93 | | 1.93 | 0.94 | 1.93 |
| 2023-05-ME-Stud-Cexit-EHV | | | | | | | | | | | | | | |
| CONTENT CONTENT | 2.58 | 1.29 | 1.73 | 0.90 | 1.75 | | 1.73 | | 1.72 | 1.72 | | 1.72 | 0.87 | 1.72 |

| 2023-05-ME-Stud-Cexit-DTS | 2.48 | 2.40 | 1.63 | 1.63 | 1.62 | | | | 1.51 | 1.67 | | 1.51 | 1.54 | 1.60 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| 2023-05-ME-Stud-Cexit-CAE | 2.25 | 1.76 | 0.75 | 1.00 | 0.75 | 0.75 | | 0.80 | | 1.50 | | 1.50 | 1.50 | 0.75 |
| 2023-05-ME-Stud-Cexit-CAE | 2.25 | 1.75 | 0.75 | 0.99 | 0.75 | 0.75 | | 0.79 | | 1.50 | | 1.50 | 1.50 | 0.75 |
| 2023-05-ME-Stud-Cexit-MP | 2.00 | 1.10 | 2.06 | 1.23 | 1.53 | 0.75 | 2.29 | | | | | | | |
| 2023-05-ME-Stud-Cexit-A and R | 2.24 | 1.49 | 1.75 | | | | | | | | | 1.49 | | 2.24 |
| 2023-05-ME-Stud-Cexit-A and R | 3.00 | 2.00 | 2.33 | | | | | | | | | 2.00 | | 3.00 |
| 2023-05-ME-Stud-Cexit-FPCL | 2.41 | 0.83 | 1.40 | 1.85 | | | | | | | | | 1.59 | 1.83 |
| 2023-05-ME-Stud-IV-EE | 2.50 | 2.50 | | 2.53 | 2.47 | | | | | | | 2.39 | 2.50 | 2.53 |
| 2023-05-ME-Stud-IV-EE | 2.73 | 2.73 | | 2.73 | 2.73 | | | | | | | 2.67 | 2.67 | 2.80 |
| 2023-05-ME-Stud-Cexit-M-III | 2.03 | 1.51 | | | | | | | | | | | | |
| Average outcome | 2.36 | 2.05 | 2.13 | 1.77 | 2.10 | 2.12 | 2.22 | 2.07 | 1.57 | 2.07 | 2.11 | 2.14 | 1.94 | 2.14 |
| Attainment (20% of average outcome) | 0.47 | 0.41 | 0.43 | 0.35 | 0.42 | 0.42 | 0.44 | 0.41 | 0.31 | 0.41 | 0.42 | 0.43 | 0.39 | 0.43 |
| | DOI | DO2 | DO7 | 7001 | DOE | DOC | 207 | 200 | 200 | 2010 | 2011 | 5013 | 2001 | 2002 |
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO 1 | PSO 2 |
| Average of direct outcome | 1.31 | 1.08 | 0.94 | 0.78 | 0.75 | 0.32 | 0.48 | 0.31 | 0.50 | 0.51 | 0.30 | 0.62 | 0.60 | 0.88 |
| Average of indirect outcome | 0.47 | 0.41 | 0.43 | 0.35 | 0.42 | 0.42 | 0.44 | 0.41 | 0.31 | 0.41 | 0.42 | 0.43 | 0.39 | 0.43 |
| Sum | 1.78 | 1.49 | 1.37 | 1.13 | 1.17 | 0.74 | 0.92 | 0.72 | 0.81 | 0.92 | 0.72 | 1.05 | 0.99 | 1.31 |

Implementation of ERP System for Smooth e-governance

SUBJECT TO SANGAMNER JURISDICTION

Invoice No. ATPL/Feb-6-21-22

Dated 21-Mar-22



Ananosoft Technologies Pvt.Ltd.

460, Adarsh Colony, Maldad Road, Sangamner Dist.Ahmednagar GSTIN/UIN: 27AALCA0466E1ZT State Name: Maharashtra, Code: 27 Contact: 02425297298,8087210909 E-Mail : dhananjay@ananosoft.com www.ananosoft.com

Tax Invoice

Party | Guru Gobind Singh College of Engineering and Research Centre

Khalsa Educational Complex Wadala-Pathardi Road

Nashik

Maharashtra, Code: 27 State Name

Amount Quantity Rate per Description of HSN/SAC SI Services No 86,300.00 No 86,300.00 998314 **EMS ERP AMC** For AC Year 2020-2021 436 New Students 3110-2674=436 For AC Year 2021-2022 427 New Students 3537-3110=427 7,767.00 9 % CGST 9 % 7,767.00 SGST ₹ 1,01,834.00 1 No Total E. & O.E

Amount Chargeable (in words)

INR One Lakh One Thousand Eight Hundred Thirty Four Only

| HSN/SAC | Taxable | Cen | tral Tax | Sta | ite Tax | Total |
|----------|-----------|------|----------|------|----------|------------|
| Hornorto | Value | Rate | Amount | Rate | Amount | Tax Amount |
| 998314 | 86.300.00 | 9% | 7,767.00 | 9% | 7,767.00 | 15,534.00 |
| Total | 86,300.00 | | 7,767.00 | | 7,767.00 | 15,534.00 |

Tax Amount (in words): INR Fifteen Thousand Five Hundred Thirty Four Only

Company's Bank Details Bank Name Axis Bank 912020059498904 Ac No. Branch & IFS Code: Sangamner & UTIB0001516

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and

for Ananosoft Technologies Pvt.Ltd.

Authorised Signatory

This is a Computer Generated Invoice

Purchase Order_New ERP_vmedulife software services



Guru Gobind Singh Foundation's

Guru Gobind Singh College of Engineering & Research Centre

(Approved by AICTE, Govt. of Maharashtra & DTE Mumbai, Affiliated to Savitribai Phule Pune University, Pune)
DNV - GL - Certified for ISO 9001 : 2015 Standards, Accredited by NAAC with B + Grade

Khalsa Educational Complex, Guru Gobind Singh Marg, Wadala - Pathardi Road, Indira Nagar Annexe, Nashik -9. Ph.: 7768004581/82, 0253 2372766, 2372666. Email : gcoerc.nashik@ggsf.edu.in, Website www.ggsf.edu.in

DATE: 27/01/2022

GCOERC/PO/COMP/2021-22/4107

PURCHASE ORDER

To,

vmedulife Software Services 1st Floor, EFC Business Centre, Rajiv Gandhi Infotech Park, Hinjewadi Phase 1, Pune, Maharashtra Pin - 411 057

Kind Attn: Mr. Abhijeet, 96239 64758.

Dear Sir,

With Reference to your Quotation Ref. No. 1850 Dated 7th Dec. 2021. We are pleased to place order for supply of the following software for college as per Terms & Conditions attached herewith.

| SR No | Item with Particulars | Qty Nos | Student Strength | Cost per Student for 1 Year | Total cost In Rs. |
|----------|--|-------------|---------------------|-----------------------------------|----------------------|
| 01 | India's Unique Integrated OBE- Accreditation, Academic Management, and Office Automation Software Comprising various Software Modules (Details attached) | 01 | 1404 | 150/- | 2,10,600/- |
| | (Details attended) | To | tal (Inclusive | of all Taxes) | 2, 10,600/- |
| | (In Wo | rds: Two La | kh Ten Thou | sand & Six H | undred only) |

Dr. Permindur Singh Executive Director

TERMS AND CONDITIONS:

- 1. The above software should be strictly as per the specification and details given by you in your quotation Dated: 7/12/2021
- Prices: F.O.R. Guru Gobind Singh College of Engineering & Research Centre, Nashik and
- Payment: 75% of amount in Advance with PO and 25% after installation & successful implementation of software.
- Cycle of Payment wrt Subscription:
 - a. Feb 2022 Jan 2023
 - Feb 2023 Jan 2024
 - c. Feb 2024 Jan 2025

Every year payment will be done on 1st week of Feb.

- 5. Importing of all existing data from existing ERP is your responsibility.
- 6. Reinstallation charges of application will be free of cost.
- 7. Training: You have to give full training to all staff members of the institute.
- 8. Any/all up gradation of given modules will be free of cost for life time.
- 9. Online/remote/visit support will be given free of cost.
- 10. You have to provide built in disaster recovery through daily automated backups and you have to upload backups on the cloud so that there are zero data loss requirements in software, as it enabling 100% data security
- 11. Institute data must be maintained confidential. You will never use the institute's web and app for demonstration purposes.
- 12. If you add any new module which is not covered by our existing module then you will offer us the same with permission. However we are not obliged to buy the same.
- 13. Period of Validity: This contract is valid from Feb 2022. The subscription access will be valid for three years from the date of signing of contract or the date of initiation of the services whichever is earlier.
- 14. Customization: Vmedulife will not be charging anything extra for any of the additional customizations in the software
- 15. Acceptance of Order: This order is being sent to you in duplicate. Kindly sign the Duplicate and send back to us as a token of acceptance of the order together with terms and conditions mention there in.

FOR GURU GOBIND SINGH COLLEGE OF ENGINEERING & RESEARCH CENTRE

K. S. Birdi

Secretary

Dr. Permindur Singh **Executive Director**

Modules to be provided by vmedulife:

| Modules | Details in brief |
|---------------------|--|
| | Management |
| | Director |
| | Principal |
| | IQAC |
| | HOD's |
| Stakeholders Access | Faculty- Teaching and Non-teaching |
| (For Desktop & | Students |
| Mobile App) | Alumni |
| | Employer |
| | Parents |
| | Outcome Parameters: |
| | Program Outcome (PO) |
| Outcome | Program Specific Outcome (PSO) |
| | Competencies Level (CL) |
| | Performance Indicators (PI) |
| Academic | Course Management |
| Planning-Admin | Syllabus Management |
| Dashboard | Timetable Integrations |
| | Course Dashboard |
| | • Units |
| Academic | Addition of Topics and Subtopics |
| Planning -Course | Mapping of syllabus with CO's and UO's |
| Dashboard | Addition of Unit wise/ Topics wise Hours |
| | Auto-generation of Teaching Plan |
| | Course Outcomes |
| | Addition of CO's |
| | Tagging of CO's with |
| | (a) PO's/PSO's |
| | (b) Cognitive Levels |
| | (c) Knowledge categories |
| | (d) Classroom Sessions |
| | Target Level Attainment of PO's and PSO's |
| | CO-PO matrices of courses |
| | Program level Course-PO matrix of all courses Including first year |
| | courses |
| | Virtual Classroom |
| | Online Live Classes with integrations |
| | Auto Attendance |
| | No manual link sharing |
| | Enabled Security |

| A I I - DI I | Teaching Plan |
|---|--|
| Academic Planning - Classroom Sessions | Proposed Teaching Plan |
| Classroom Sessions | Actual Completion |
| | Content Beyond Syllabus |
| | Mapping of classroom sessions with CO's and UO's |
| | Teaching Methodologies |
| | Attendance of the students |
| | Update Regular Sessions, Tutorials and Revision Sessions |
| | Features |
| Online | Secure and seamless online exam |
| Examinations/ | Configuration of Online Exams |
| Online Assignments | Create Multiple Sets |
| o mine 1200 gmmento | Question Types Objective |
| | Single Choice |
| | Multiple Choice |
| | One Word |
| | True/ False |
| | |
| | Descriptive (i) Short Answers |
| | () |
| | (ii) Long Answers ■ Quality of Question Paper |
| | |
| | (a) Assigning of Bloom's Levels |
| | (b) Assigning of CO's, PO's and PSO's |
| | (c) Question wise analysis |
| | (d) Calculation of Outcome Attainment (CO, PO, PSO) |
| | (e) Involve Competencies and Performance Indicators |
| | Automatic Grading |
| | Take Exam anywhere and anytime |
| | Real Time Analysis |
| | Application of negative marking |
| | Strict mode facility |
| | How It Works? |
| | Create Modules |
| | Share within organization |
| | Experience Creativity |
| | Self-Analysis with Assessment |
| Learning | Perform in real time |
| Management System | Excel in the organization |
| (LMS) | Instructor Dashboard |
| | Learners |
| | Assign Role |
| | Assign Course |
| | Track Progress |
| | Share Notifications with all |
| | Create Your Own Courses |
| | PDF Documents |
| | Word File |
| | Text File |

| | • Images |
|--------------|---|
| | • Video |
| | Presentations |
| | Unique Feature |
| | Connecting Global Education Community |
| | Learning Management System for the administration, documentation, |
| | tracking, reporting and delivery of educational courses or training |
| | programs |
| | ICT supported learning and QR Code Scanning |
| | Innovations by the Faculty in Teaching and Learning |
| | Relevance to PO's and PSO's |
| | Self-Learning |
| | Assesses the learning levels of the students, special programmes for |
| | Advanced learners and Slow learners |
| | Create, Assign and Analyze the online courses |
| | Facility for conducting Online Diploma Certification Courses |
| | Examination- Admin Dashboard |
| | • Exam Schedule |
| T | Designing of Question Paper |
| Examinations | Question Types |
| | i) Objective |
| | (1) Single Choice |
| | (2) Multiple Choice (3) One Word |
| | (4) True/ False |
| | ii) Descriptive |
| | (1) Short Answers |
| | (2) Long Answers |
| | Quality of Question Paper |
| | (a) Assign Bloom's Levels |
| | (b) Assign CO's, PO's and PSO's |
| | (c) Question wise analysis |
| | (d) Calculation of Outcome Attainment - CO,PO, PSO |
| | (e) Integrate Competencies and PerformanceIndicators |
| | Reports Available |
| | Question Paper |
| | Quality of question paper based on |
| | (a) Linked CO's |
| | (b) Linked Bloom's Levels |
| | (c) Involved PI's |
| | Evaluation and Analysis |
| | Question wise Analysis |
| | Question wise CO Attainment |
| | Student wise CO Attainment |
| | Apply and customize Threshold values |
| | Import/ Export Student Marks |
| | Analysis based on total performance |
| | Total CO Attainment |

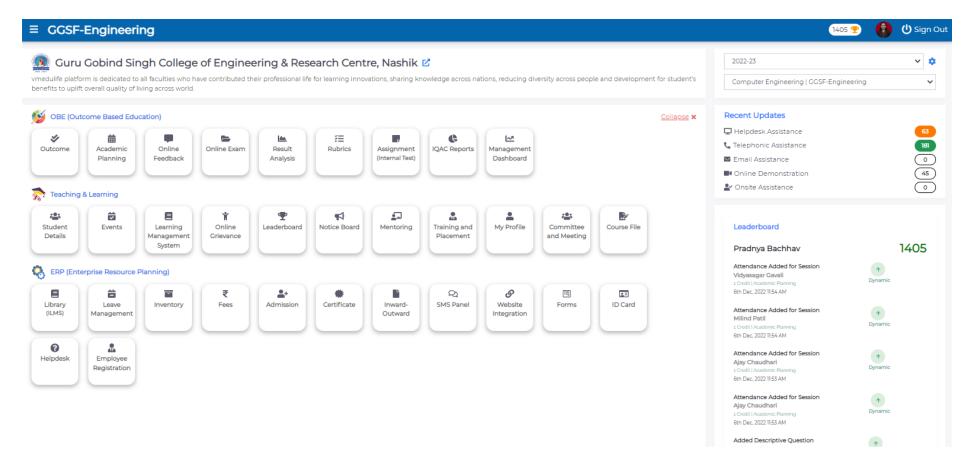
| | (3) Assign weightage for In-semester and End Semester examinations | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| Online Feedback and Surveys | Multiple Users Access Students Faculty | | | | | | | |
| (NAAC/ NBA/ NIRF) (Built in analysis, visualization, and response monitoring) | Feedback Process Feedback Categories Feedback Questionnaire Link PO's and PSO's Assign to various stakeholders Auto Survey Response Analysis Question wise Analysis Graphical Presentation Actions Taken Gaps Identified Indirect Attainment of PO's and PSO's | | | | | | | |
| OBE Aspects | Curriculum Attainment: Effective curriculum delivery through a well-planned and documented process involving all the aspects Defining Unit Outcomes, Course Outcomes, Gap analysis, Bloom's taxonomy Course Outcome and Program Outcome Attainment: Identify extent of compliance of university curriculum for attaining PO's PSO's Internal semester question paper setting, question wise analysis, evaluation and its compliance Question paper validation to ensure desired standard from outcon attainment perspective as well as learning levels perspective Mapping of questions with the Course outcomes Attainment of PO, PSO's, CO's | | | | | | | |
| | Surveys and feedback mapping Mapping of Competencies and Performance Indicators Defining Competency levels as per Examination reforms Defining performance indicators for each competency level Mapping of PI's with questions and analysis Criteria / performance Indicator: The aspects of performance that will be assessed Descriptors: Characteristics that are associated with each dimension Scale/level of performance: A rating scale that defines student's level of mastery within each criterion Application of Rubrics | | | | | | | |

| Rubrics | Course projects Open-ended experiments in laboratories Project-based learning modules MOOCS |
|---------------------|---|
| | Co-Curricular experiences |
| | Mini / Minor projects Final recognitions |
| | Final year projects Internship experiences |
| | E-portfolios of student work |
| | Self-Study Report (SSR) |
| | Self-Assessment Report (SAR) |
| | Outcome Attainment |
| IQAC Dashboard | Academic Planning |
| IQAC Dashboard | |
| | Result Analysis Online Examinations |
| | |
| | Assignments |
| | Mentoring |
| | Configure Rules |
| | Configure Guideline |
| Nf t t | Assign mentee |
| Mentoring | Mentoring counseling details |
| | Add Questions |
| | Manage Template |
| | Details of the counseling |
| | Records and Reports |
| | Qualifications |
| | Certification Program |
| | Professional Experience |
| | Core Competency Areas |
| | Achievements / Awards |
| E 14 D 61 1 | Publications |
| Faculty Profile and | Seminars / Workshops / Conferences / Presentation / Poster Presentation |
| Contributions | Books / Monographs Published |
| | Patents Granted / Filed |
| | Consultancy Provided |
| | Professional Affiliations |
| | Grants received |
| | Extension Activities |
| | Instant and Targeted Communication |
| | Manage Chapter, Batch & Special Interest Groups |
| Alumni Portal | Help alumni share opportunities & leverage the network |
| | Build & Maintain an Updated Alumni Database |
| | Plan & Organize Successful Reunions / Alumni Meets |
| | Cloud based platform using AWS cloud with SSD block storage |
| | Capable to serve more than one million requests at a time |
| | Banking level security |
| | Instant Integration with website |
| | vmedulife provide facility/portal to register complaints confidentially by |
| | 4 |

| Online Grievance Redressal System | *Students * Teaching Staff * Non- Teaching Staff * Parents * Employer * Alumni A meticulously built user interface for both the complaint and the authority, complete with an elaborate admin panel. Proper verification through email and OTP to ensure the authenticity of complaints. Generating insights from the system in terms of the total complaints filed during a period, the resolved and pending numbers. Option of sending replies and/or forwarding a complaint, archiving or closing it. Provision of categorizing complaints and resolving themaccordingly. Option to download a complaint/report in Word and PDF formats for |
|---|--|
| Messaging | further reference. Track notifications made on selection, admissions, examinations, events, placements, holidays, rescheduling of any of these etc Send as online notifications/alerts, email or SMS Delivered messages as SMS, email, notifications, news, printed or in multiple modes |
| Student Portal | Student Details Parent / stakeholder like guardian details and access etc. Work Experience Other Details Extracurricular activities Notifications of extracurricular activities Services opted for Feedback Enrollment Participation Notifications |
| Committee and Meetings Management Android Application | Committee Creation Provision to add Committee coordinator at the time of committee creation Committee members report Individual Meeting Summary Records of Minutes of Meeting (MOM) Website Integration |
| Green Campus Certification | Android application which is lifeline for many of the organizations Green Campus Certification with registration id |
| Leave Management | Define your organization leave policy Leave tracking and complete leave accounting Grant leaves automatically Let employees and managers handle leave requests Access leave reports Holiday lists Create regional or location-based lists Add Restricted Holidays |

| | - Dublish |
|---|---|
| | Publish company's holiday list |
| Fees Management System | Add New Fee Structure Setup Fee Structure Add New Students Collect fees Print Fee Receipts Class wise Report Department Report Institute Report Category wise Class Report Category wise Department Report Category wise Institute Report Pending Fees Report Manage Students Manage Institute Profile Day wise Collection Daily User wise Collection Date wise Fee Receipts Refunded Fee Receipt Report Add Multi Faculty Account with limited Access Student Report Deduction Report Cumulative Report Department Cumulative Report Setup Institute Header Collection Settings SMS Notifications Live Fee Status In Students/ Principal/ President Mobile App |
| | |
| Integrated Library Management System (ILMS) | Add Books Issue Book Return Book Book History Report Accession Register Copy Student History Report Multiple Fields wise Book Search Clearance Books Volume Report Lost Books Report Automatic Fine Calculation Search Books From Online Library System BAR Code Based Library System |
| | Add Company Create Drive Set Criteria Create Schedule |
| Training and Placement Portal | Student Registration Report Eligible Student Report Forward Selected Students to Next Round Round wise Drive Result and Status; Approval from TPO Restrict Students Access Manage Schedule Academic Year wise Placed StudentsReport Comparative Report Graphical Report |
| Inventory and Stores Management System | Manage Assets Manage Indents Manage Stocks General Purchase Purchase Requests Daily Consumption Manage maintenance Manage breakage Inventory Reports |
| Event Management | Post Event Manage Event Generate Newsletter Manage Event Categories Add event attendees |
| e- Notice Board | Manage Notice Manage Notice Categories Assigning to various stakeholders |
| Certificates | Customize the Certificate designs Add the requirements as desired Bonafied Certificates Digital Approvals Ease of access |
| | Salary Details Payslips |

| Payroll | Employees | | | | | |
|---------------------|---|--|--|--|--|--|
| | Payrun | | | | | |
| | Approvals | | | | | |
| | Reports | | | | | |
| | Addition of Inward and Outward Communications | | | | | |
| Inward - Outward | Assigning to various committee members | | | | | |
| Documentation | Maintain the documents at central place | | | | | |
| | Various reports | | | | | |
| | Design form(s) as per your requirement. You can use it for enquiry management, admission form, polls etc. | | | | | |
| | Add custom questions like single correct, multiple correct, date, short answer, | | | | | |
| | section etc. | | | | | |
| Forms | • You can directly link the learner profile fields like name, local address, | | | | | |
| | permanent address, educational details, birth location etc. | | | | | |
| | After form submission, you will get all response details in the same dashboard. | | | | | |
| | Analyze the responses and if required you can easily export it in .CSV file. | | | | | |
| | This section provides web links to integrate vmedulife platform modules to your Institute/College Website. | | | | | |
| | Grievance Redressal Portal | | | | | |
| Website Integration | Learning Management System (LMS) | | | | | |
| | Alumni Portal | | | | | |
| | News and Events | | | | | |
| | Faculty Profile | | | | | |
| | Committee and Meetings | | | | | |
| | Manage detailed student profile with hostel life cycle | | | | | |
| | Manage inventory purchase records, stocks with allocation details | | | | | |
| Hostel Management | Hostel Management Software with mess and hostel attendance | | | | | |
| System | Easy room allocations as per availability | | | | | |
| | Fees collection and records keeping | | | | | |
| | Driver: Add driver's information (Name, Add., Aadhar No. license | | | | | |
| | Details, etc) | | | | | |
| | Stops: (Stop Name, Address & Amount) | | | | | |
| | Vehicle: Vehicle Details like Type of vehicle (Van, minibus, bus), | | | | | |
| Transport | Ownership (Rental, on the contract or own) image attach option. | | | | | |
| Management System | Route: Route Name & number addition option. | | | | | |
| | Trips: Where we have to add Route, Vehicle details & Driver name. | | | | | |
| | Smart Dashboard: Where you will find all these options. | | | | | |



ERP Dashboard

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Action <u>View</u> <u>View</u> <u>View</u> <u>View</u> <u>View</u> <u>View</u> <u>View</u> <u>View</u>

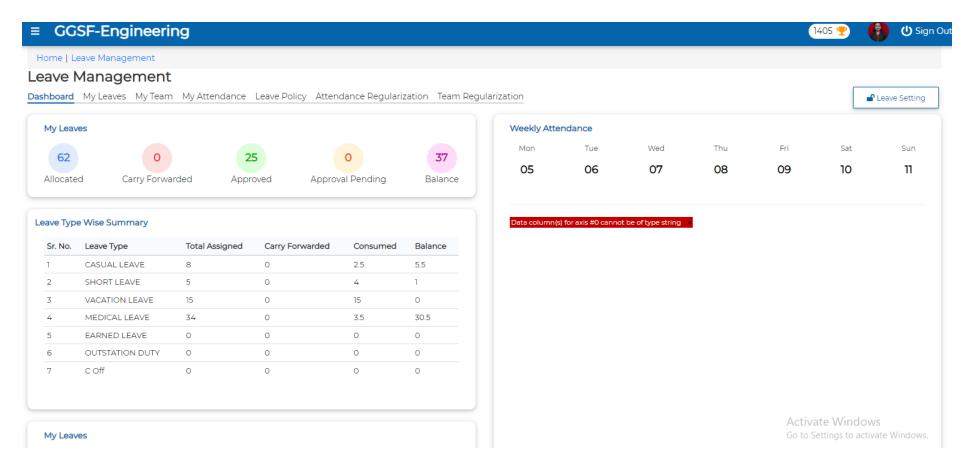


Home | Salient Features | Reports | IQAC Report

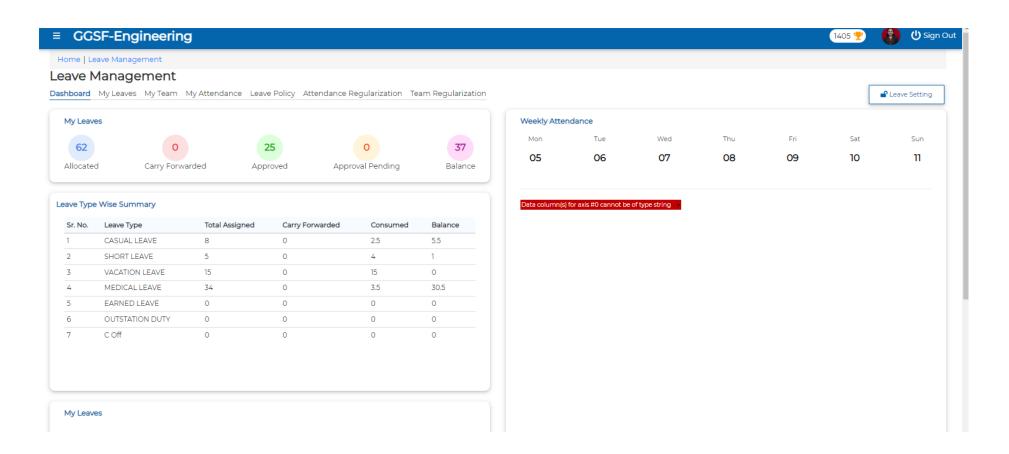
IQAC Reports

| Outcome Reports | Outcome Rep | Outcome Reports | | | | | | | | |
|-----------------------------------|-------------|---|--|--|--|--|--|--|--|--|
| Academic Planning Report | | | | | | | | | | |
| | Sr. No. | Title | | | | | | | | |
| Result Analysis Report | 1 | Course Outcome | | | | | | | | |
| Online Exam Report | 2 | Desired CO PO Mapping | | | | | | | | |
| | 3 | Course - PO Matrix | | | | | | | | |
| Assignment (Internal Test) Report | 4 | Direct Attainment Report | | | | | | | | |
| LMS Report | 5 | Direct Attainment Report Instructorwise | | | | | | | | |
| | 6 | Indirect Attainment Report | | | | | | | | |
| Leave Report | 7 | Combined Direct Indirect Outcome Report | | | | | | | | |
| Inventory Report | 8 | Batchwise Outcome Report | | | | | | | | |
| Committee & Meetings Report | | | | | | | | | | |
| Library Report | | | | | | | | | | |
| Faculty Profile Report | | | | | | | | | | |

IQAC Reports



Leave Management System



New ERP: Leave Management- Dashboard





Home | Leave Management

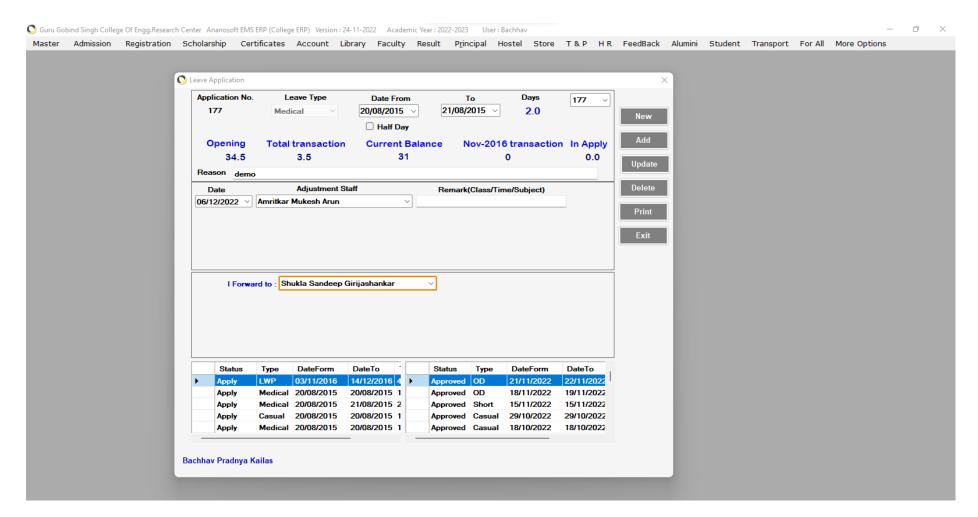
Leave Management

Dashboard My Leaves My Team My Attendance Leave Policy **Attendance Regularization** Team Regularization



| Action • | Show 10 | ✓ entries | | Leave : 25 Pai | id 0 Unpaid 3 | 7 Balance | | Select year | | ~ | + Request R | egularizatior |
|----------|------------------------|-----------|---|---|-------------------|------------------------|--|----------------------------|-------------------|------------|--|---------------|
| Sr. | Regularization Date | Day | Attendance Time | Requested Time | Status | Regularization Type | Reason | Request Raised On | Source | Attachment | Approver | Action |
|] 1 | 21 Nov , 2022 | Monday | In Time - 00:00:00 Out Time - 00:00:00 | In Time -5:30 PM Out Time - 9:30 AM | Approval in | Outstation Duty | External Examiner duty at KBT COE, Nashik | 25 Nov , 2022 5:01 PM | User Requested | @ 1 | 1 Sandeep Shukla Approved on 26 Nov., 2022 10:02 AM., 2 Neelkanth Nikam yet to approve . | 9 \$ |
| 2 | 18 Nov , 2022 | Friday | In Time - 00:00:00 Out Time - 00:00:00 | In Time -5:30 PM Out Time - 9:45 AM | Approval in | Outstation Duty | External Examiner Duty at MET BKC, Nashik | 25 Nov , 2022 5:01 PM | User Requested | ∅ 1 | 1 Sandeep Shukla Approved on 26 Nov , 2022 10:02 AM , 2 Neelkanth Nikam yet to approve . | 9 P |
| 3 | 15 Nov , 2022 | Tuesday | In Time - 00:00:00 Out Time - 00:00:00 | In Time -3:45 PM Out Time - 1:50 PM | Approval in | SHORT LEAVE | | 25 Nov , 2022 4:59 PM | User Requested | @ 0 | 1 Sandeep Shukla Approved on 26 Nov , 2022 10:02 AM , 2 Neelkanth Nikam yet to approve . | ∅ 🌶 |
| 4 | 20 Sep , 2022 | Tuesday | In Time - Out Time - | In Time -5:30 PM Out Time - 3:30 PM | Approval in | SHORT LEAVE | | 20 Sep , 2022 3:36 PM | User Requested | @ 0 | 1 Sandeep Shukla Approved on 01 Oct , 2022 10:06 AM , 2 Neelkanth Nikam yet to approve . | 9 |
| 5 | 30 Aug , 2022 | Tuesday | In Time - 00:00:00 Out Time - 00:00:00 | In Time -10:50 AM Out Time - 9:45 AM | Approval in | SHORT LEAVE | Personal | 30 Aug , 2022 5:21 PM | User Requested | @ 0 | 1 Sandeep Shukla Approved on 01 Sep., 2022 10:28 AM, 2 Neelkanth Nikam yet to approve . | 9 |
| 6 | 13 Jul , 2022 | Wednesday | In Time - 00:00:00 Out Time - 00:00:00 | In Time -5:30 PM Out Time - 9:30 AM | Approval in | Outstation Duty | Paper Assessment at METBKC, Nashik | 17 Aug , 2022 1:49 PM | User Requested | @ 0 | 1 Sandeep Shukla Approved on 24 Aug , 2022 4:57 PM , 2 Neelkanth Nikam yet to approve . | • |

Leave Application Status



Old ERP: Leave Application







Home | Fees |

Fees Dashboard



₹

Fee Management

Set recurring fee heads like hostel fees, transport fees, canteen fees etc. to automate and streamline the fee collection.



Fine Management

Set recurring fine heads like library fine,inventory fine etc. to automate and streamline the fine collection.



Concession Management

Create various concession and scholarships in addition to regular fees for better overview.



Fees Structure Management

Create and assign various recurring fees structure to students which will help in fees collection.



Fees Collection Management

Collect fees with ease and generate instant with add on auto SMS to students for fees deposit.

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Reports

Generate dynamic reports like daily as well as monthly collection, intelligent filters, date wise reports.



Smart Dashboard

Instant view of department-wise fees collection, balance amount, gross summary.



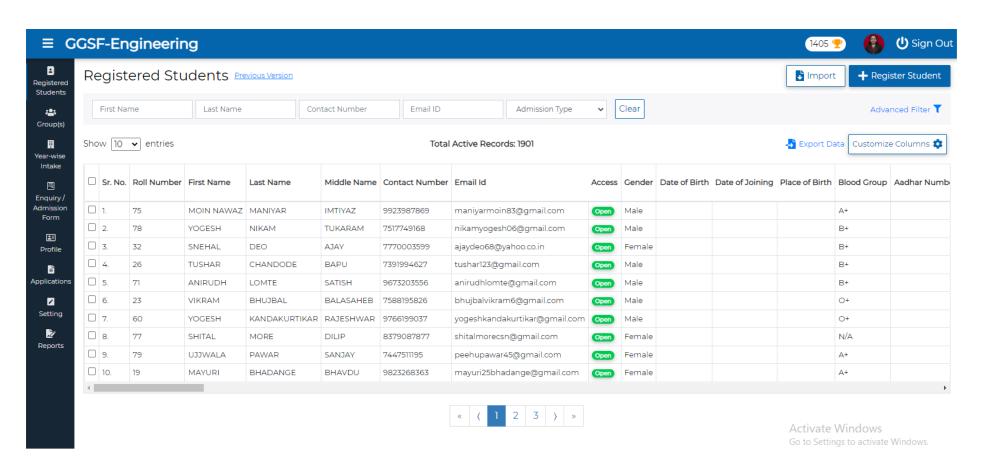
Online Payment Gateway

Collect fees through online payment gateway. Quickly integrate RazorPay, PayU Money gateway. Integrate multiple bank account with different fee head.

Activate Windows

Go to Settings to activate Window

Fees



Admission

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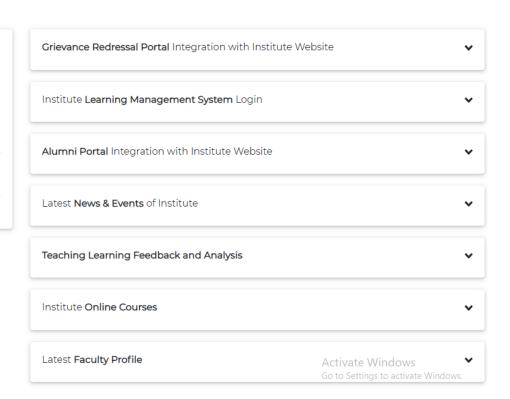




Website Integration Details

Note:

- This section provides web links to integrate vmedulife platform modules to your Institute/College
 Website
- . You need to provide the HTML code to your developer for integration of below links to your website.
- Below code is compatible with all types of languages as it is plain HTML code.
- Integration does not require in depth knowledge, only basic HTML knowledge is sufficient for integration and can be done in minutes.
- You can add these links to all pages or in header of website to get instant access to all stakeholders of Institute.
- . Below links are publicly accessible, all links are having banking level security.
- It is recommended to add below links in institute website header to make it accessible on all pages of website.



Website Integration

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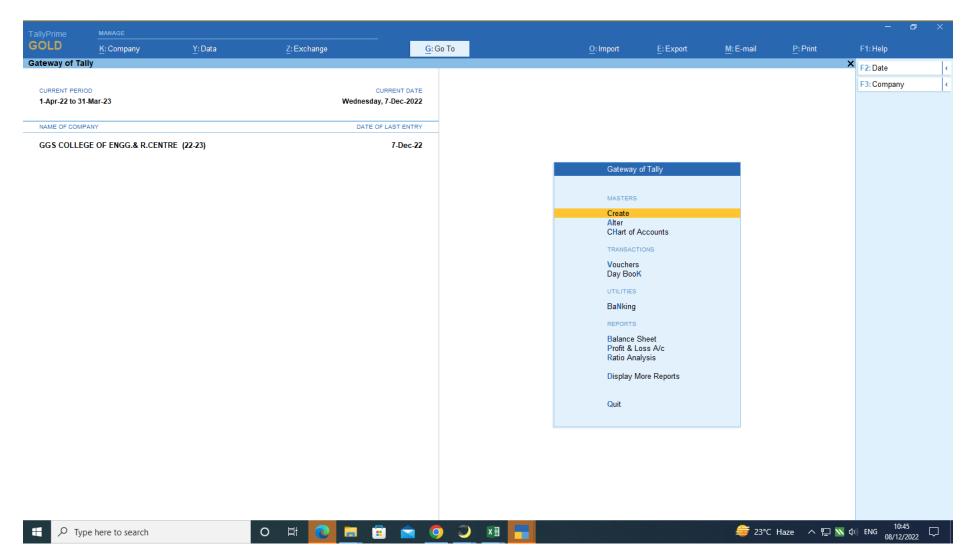


ID Cards

Faculty Learner Customize Id Card

| | | | | + Add Template |
|---------|--|---------------|--|----------------|
| Sr. No. | Template Name | Template Type | Preview | Action |
| 1. | Temp-1 Added By PradnyaBachhav 1st Dec, 2022 03:33 PM | Learner | {Organisation_logo} {Organisation_name} | ₽ |
| | | | {Student_photo} {Student_first_name} {Student_last_name} {Student_email} {Student_dob} {Academic_year} {department} {Group_name} {vmuserId} | |
| | | | Activate W | indows |

ID-Card



Use of Tally Prime for e-governance in area of Finance & Accounts Operation







Home | Fees |

Fees Dashboard





Fee Management

Set recurring fee heads like hostel fees, transport fees, canteen fees etc. to automate and streamline the fee collection.



Fine Management

Set recurring fine heads like library fine, inventory fine etc. to automate and streamline the fine collection.



Concession Management

Create various concession and scholarships in addition to regular fees for better overview.



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Create and assign various recurring fees structure to students which will help in fees collection.



Fees Collection Management

Collect fees with ease and generate instant with add on auto SMS to students for fees deposit.

~

Reports

Generate dynamic reports like daily as well as monthly collection, intelligent filters, date wise reports.



Smart Dashboard

Instant view of department-wise fees collection, balance amount, gross summary.



Online Payment Gateway

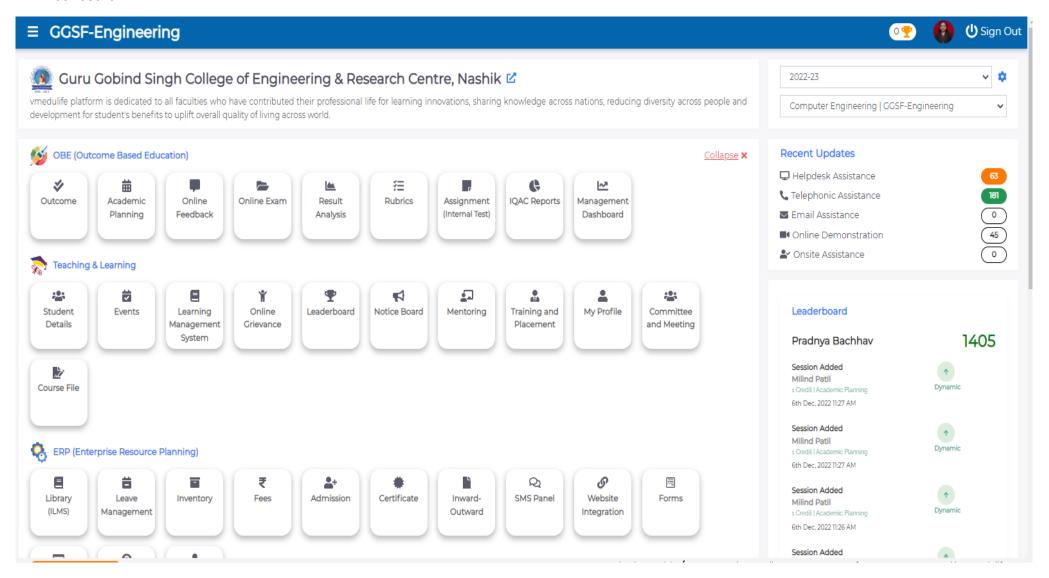
Collect fees through online payment gateway. Quickly integrate RazorPay, PayU Money gateway. Integrate multiple bank account with different fee head.

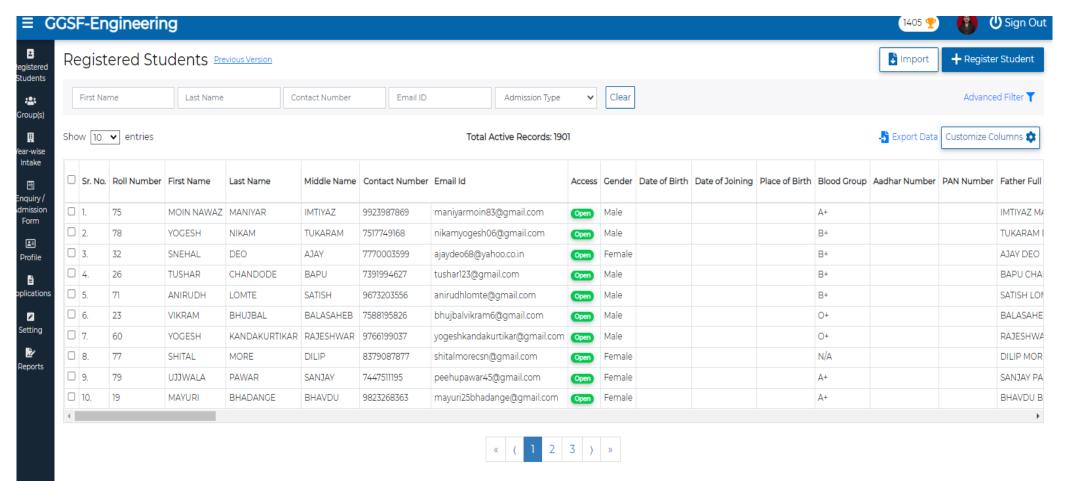
Activate Windows

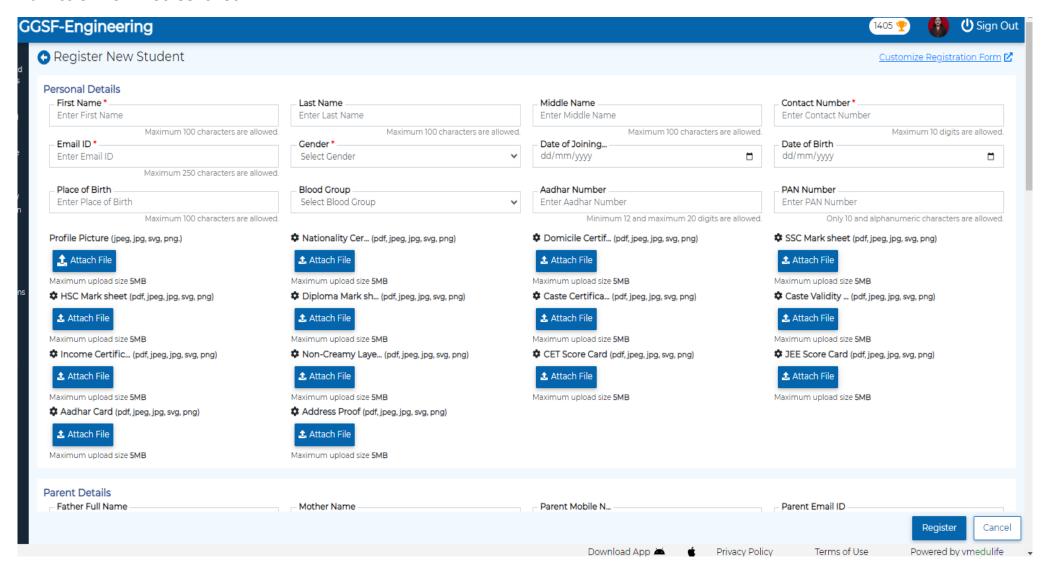
Go to Settings to activate Window

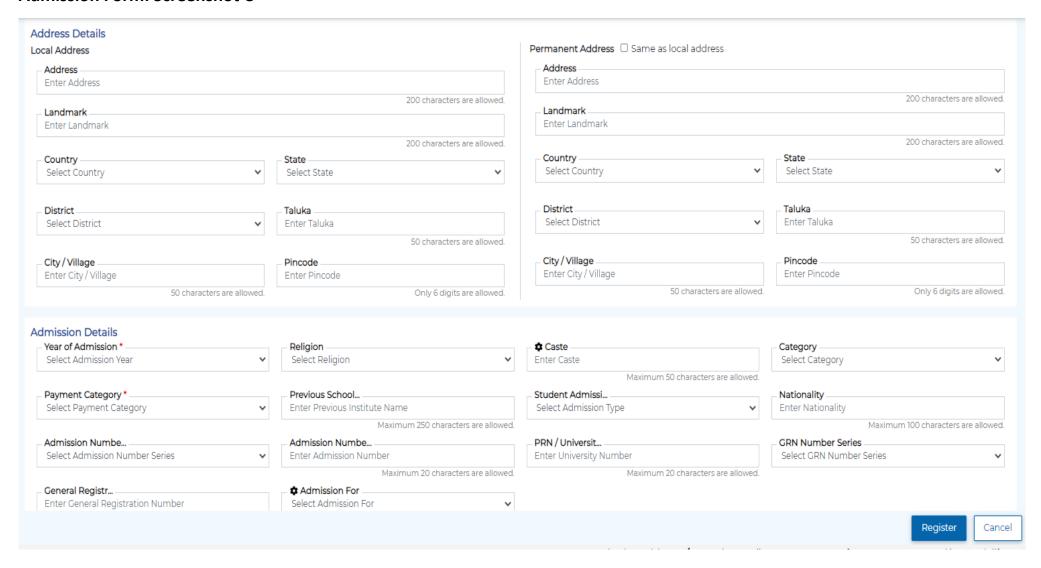
ERP Fees Dashboard

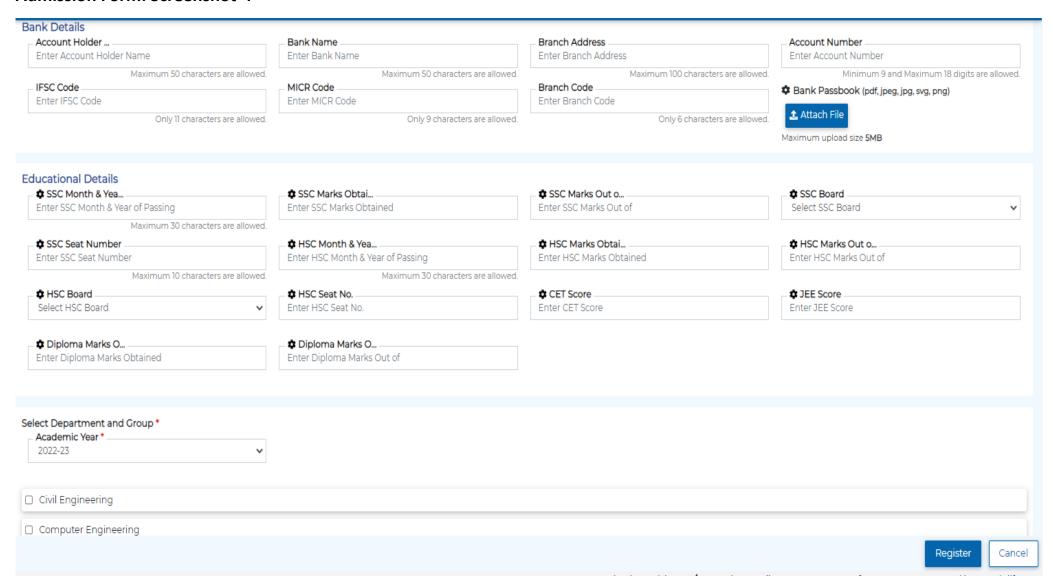
ERP Dashboard



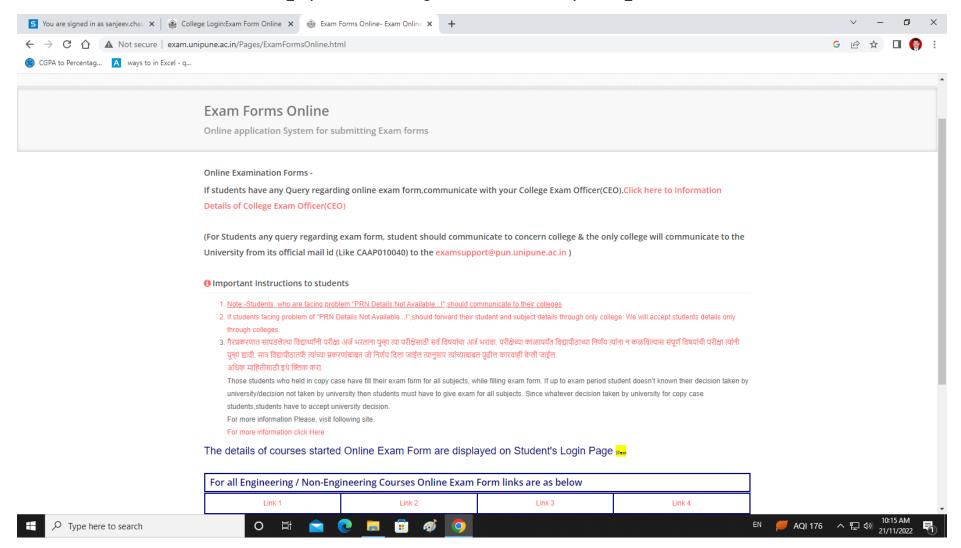






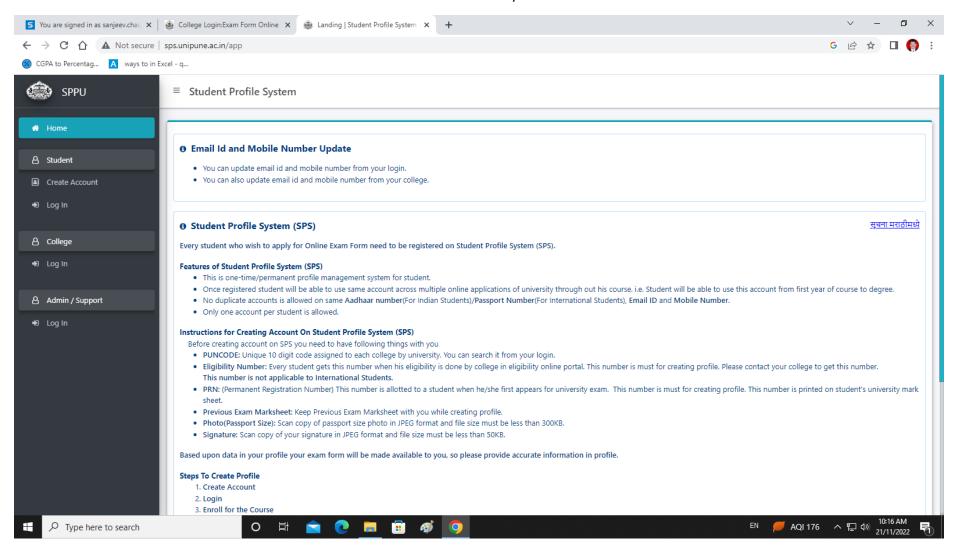


6.2.3_Implementation of e-governance in areas of operation_Examination

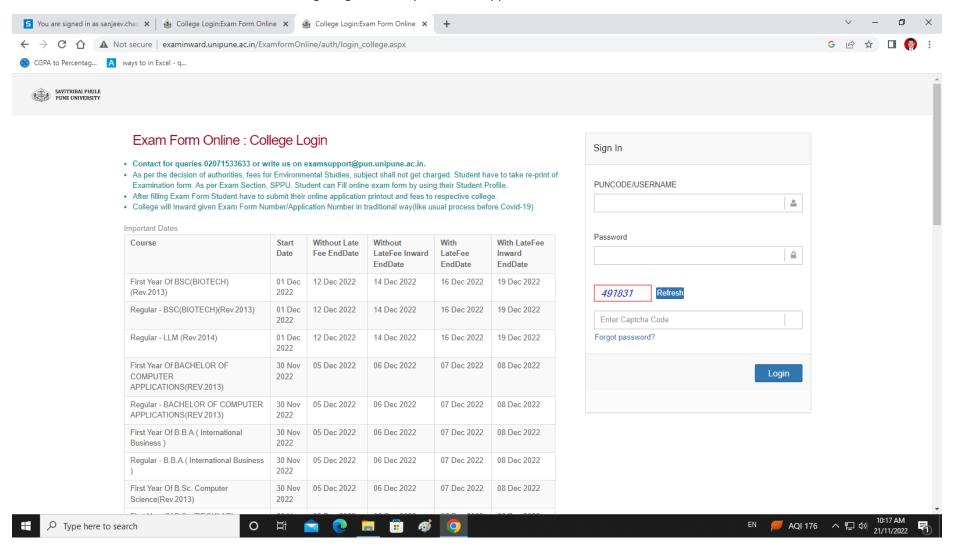


Filling up of Student Exam forms Online

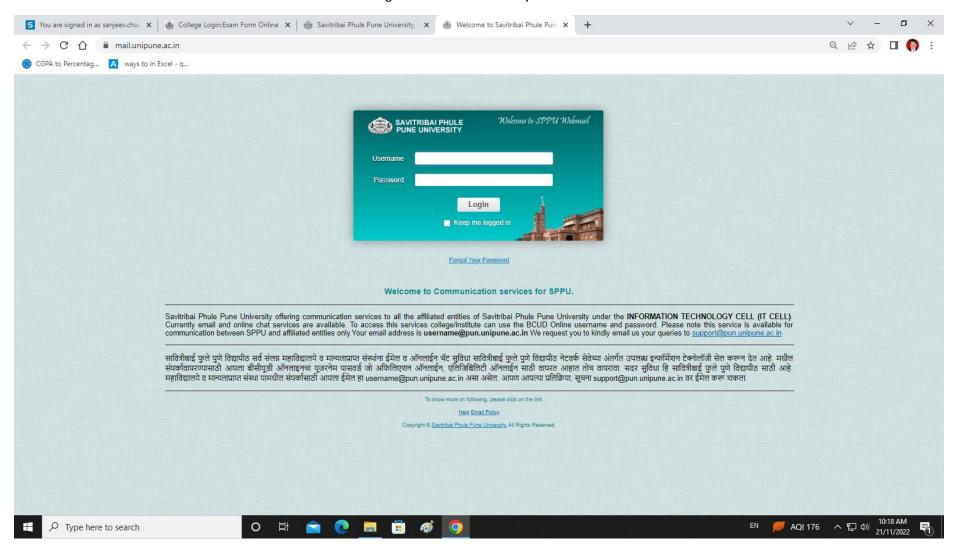
Student Profile System



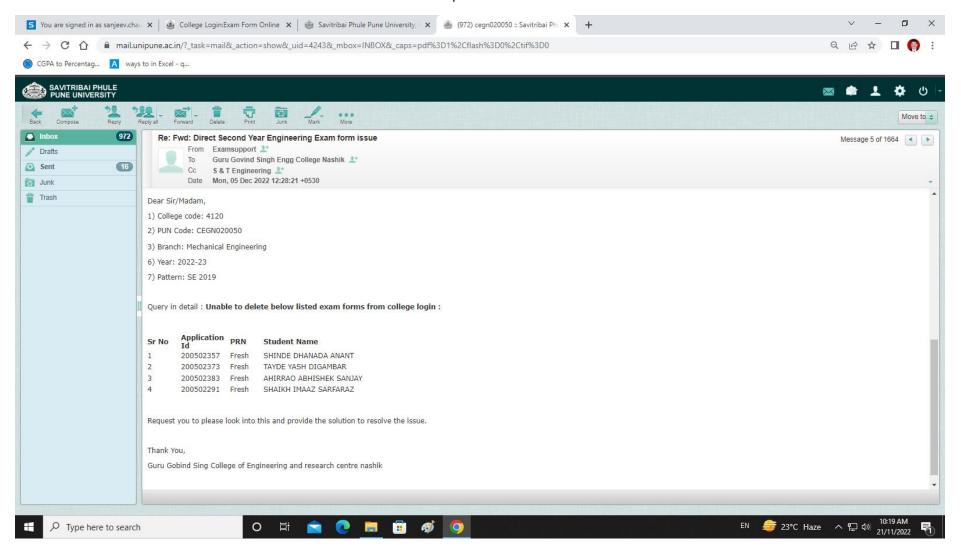
College Login for acceptance and approval of Student Exam Form



Login Screen for University Webmail



Sample Webamail



QPD Online : College Login

