

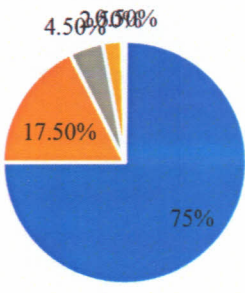
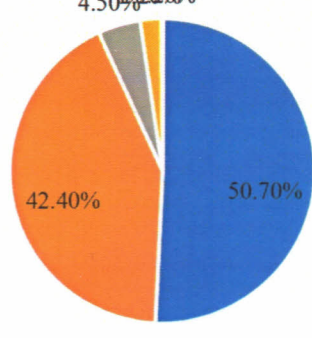


### Student Satisfaction Survey (SSS) on overall institutional performance

Google form Link: <https://forms.gle/YdAGbGggDHBrgjz7>

Number of students: 1358

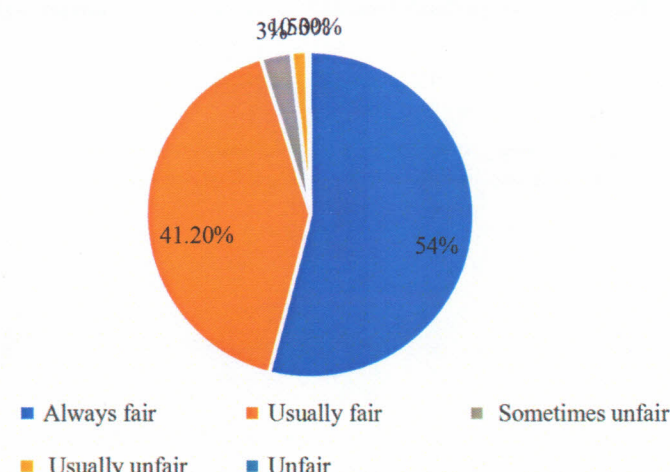
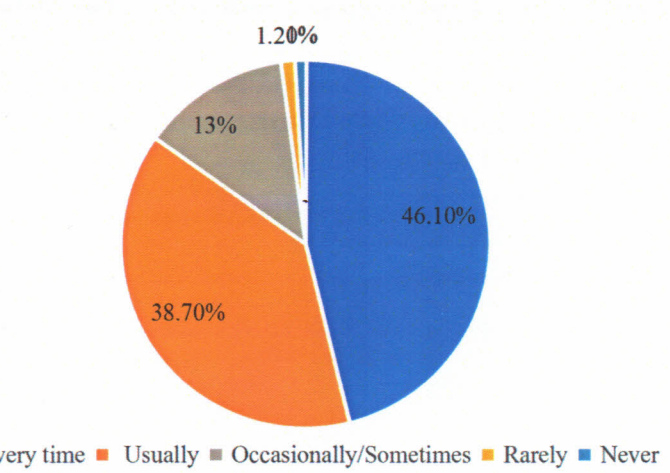
Response:

<p>1</p> <p>How much of the syllabus was covered in the class?</p> <p>4 – 85 to 100% - 75%</p> <p>3 – 70 to 84% - 17.5%</p> <p>2 – 55 to 69% - 4.5%</p> <p>1 – 30 to 54% - 2.5%</p> <p>0 – Below 30% - 0.5%</p>	<p>How much of the syllabus was covered in the class?</p>  <table border="1"><thead><tr><th>Category</th><th>Percentage</th></tr></thead><tbody><tr><td>85 to 100%</td><td>75%</td></tr><tr><td>70 to 84%</td><td>17.5%</td></tr><tr><td>55 to 69%</td><td>4.5%</td></tr><tr><td>30 to 54%</td><td>2.5%</td></tr><tr><td>Below 30%</td><td>0.5%</td></tr></tbody></table>	Category	Percentage	85 to 100%	75%	70 to 84%	17.5%	55 to 69%	4.5%	30 to 54%	2.5%	Below 30%	0.5%
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<p>2</p> <p>How well did the teachers prepare for the classes?</p> <p>4 – Thoroughly – 50.7%</p> <p>3 – Satisfactorily – 42.4%</p> <p>2 – Poorly – 4.5%</p> <p>1 – Indifferently – 2.2%</p> <p>0 – Won't teach at all – 0.2%</p>	<p>How well did the teachers prepare for the classes?</p>  <table border="1"><thead><tr><th>Category</th><th>Percentage</th></tr></thead><tbody><tr><td>Thoroughly</td><td>50.7%</td></tr><tr><td>Satisfactorily</td><td>42.4%</td></tr><tr><td>Poorly</td><td>4.5%</td></tr><tr><td>Indifferently</td><td>2.2%</td></tr><tr><td>Won't teach at all</td><td>0.2%</td></tr></tbody></table>	Category	Percentage	Thoroughly	50.7%	Satisfactorily	42.4%	Poorly	4.5%	Indifferently	2.2%	Won't teach at all	0.2%
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3	<p>How well were the teachers able to communicate?</p> <p>4 – Always effective – 51.2% 3 – Sometimes effective – 38.7% 2 – Just satisfactorily – 8% 1 – Generally ineffective - 1.5% 0 – Very poor communication – 0.6%</p>	<p>How well were the teachers able to communicate?</p> <table border="1"><thead><tr><th>Category</th><th>Percentage</th></tr></thead><tbody><tr><td>Always effective</td><td>51.20%</td></tr><tr><td>Sometimes effective</td><td>38.70%</td></tr><tr><td>Just satisfactorily</td><td>8%</td></tr><tr><td>Generally ineffective</td><td>1.50%</td></tr><tr><td>Very poor communication</td><td>0.60%</td></tr></tbody></table>	Category	Percentage	Always effective	51.20%	Sometimes effective	38.70%	Just satisfactorily	8%	Generally ineffective	1.50%	Very poor communication	0.60%
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4	<p>The teacher's approach to teaching can best be described as</p> <p>4 – Excellent – 45% 3 – Very good -42.7% 2 – Good -9% 1 – Fair -1.8% 0 – Poor -0.5%</p>	<p>The teacher's approach to teaching can best be described as</p> <table border="1"><thead><tr><th>Category</th><th>Percentage</th></tr></thead><tbody><tr><td>Excellent</td><td>45%</td></tr><tr><td>Very good</td><td>42.70%</td></tr><tr><td>Good</td><td>9%</td></tr><tr><td>Fair</td><td>1.80%</td></tr><tr><td>Poor</td><td>0.50%</td></tr></tbody></table>	Category	Percentage	Excellent	45%	Very good	42.70%	Good	9%	Fair	1.80%	Poor	0.50%
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<p>5 Fairness of the internal evaluation process by the teachers.</p> <p>4 – Always fair – 54% 3 – Usually fair – 41.2% 2 – Sometimes unfair – 3% 1 – Usually unfair–1.5% 0 – Unfair–0.3%</p>	<p>Fairness of the internal evaluation process by the teachers.</p>  <table border="1"><thead><tr><th>Category</th><th>Percentage</th></tr></thead><tbody><tr><td>Always fair</td><td>54%</td></tr><tr><td>Usually fair</td><td>41.20%</td></tr><tr><td>Sometimes unfair</td><td>3%</td></tr><tr><td>Usually unfair</td><td>1.5%</td></tr><tr><td>Unfair</td><td>0.3%</td></tr></tbody></table>	Category	Percentage	Always fair	54%	Usually fair	41.20%	Sometimes unfair	3%	Usually unfair	1.5%	Unfair	0.3%
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<p>6 Was your performance in assignments discussed with you?</p> <p>4 – Every time – 46.1% 3 – Usually – 38.7% 2 – Occasionally/Sometimes – 13% 1 – Rarely–1.2% 0 – Never–1%</p>	<p>Was your performance in assignments discussed with you?</p>  <table border="1"><thead><tr><th>Category</th><th>Percentage</th></tr></thead><tbody><tr><td>Every time</td><td>46.10%</td></tr><tr><td>Usually</td><td>38.70%</td></tr><tr><td>Occasionally/Sometimes</td><td>13%</td></tr><tr><td>Rarely</td><td>1.20%</td></tr><tr><td>Never</td><td>1%</td></tr></tbody></table>	Category	Percentage	Every time	46.10%	Usually	38.70%	Occasionally/Sometimes	13%	Rarely	1.20%	Never	1%
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7	<p>The institute takes active interest in promoting internship, student exchange, field visit opportunities for students.</p> <p>4 – Regularly – 49.3% 3 – Often – 39% 2 – Sometimes – 9.7% 1 – Rarely – 1.5% 0 – Never – 0.5</p>	<p>The institute takes active interest in promoting internship, student exchange, field visit opportunities for students.</p> <table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Regularly</td><td>49.30%</td></tr><tr><td>Often</td><td>39%</td></tr><tr><td>Sometimes</td><td>9.70%</td></tr><tr><td>Rarely</td><td>1.50%</td></tr><tr><td>Never</td><td>0.50%</td></tr></tbody></table>	Response	Percentage	Regularly	49.30%	Often	39%	Sometimes	9.70%	Rarely	1.50%	Never	0.50%
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8	<p>The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.</p> <p>4 – Significantly – 51% 3 – Very well – 37% 2 – Moderately – 9.8% 1 – Marginally – 3% 0 – Not at all – 0.2%</p>	<p>The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.</p> <table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Significantly</td><td>51%</td></tr><tr><td>Very well</td><td>37%</td></tr><tr><td>Moderately</td><td>9.80%</td></tr><tr><td>Marginally</td><td>3.20%</td></tr><tr><td>Not at all</td><td>0.20%</td></tr></tbody></table>	Response	Percentage	Significantly	51%	Very well	37%	Moderately	9.80%	Marginally	3.20%	Not at all	0.20%
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<p>9 The institution provides multiple opportunities to learn and grow.            4 – Strongly agree – 48.3%            3 – Agree – 44%            2 – Neutral- 6%            1 – Disagree – 1.4%            0 – Strongly disagree–0.3%</p>	<p>The institution provides multiple opportunities to learn and grow.</p> <table border="1"> <caption>Data for Item 9 Pie Chart</caption> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Strongly agree</td> <td>48.3%</td> </tr> <tr> <td>Agree</td> <td>44%</td> </tr> <tr> <td>Neutral</td> <td>6%</td> </tr> <tr> <td>Disagree</td> <td>1.4%</td> </tr> <tr> <td>Strongly disagree</td> <td>0.3%</td> </tr> </tbody> </table> <p>■ Strongly agree ■ Agree ■ Neutral ■ Disagree ■ Strongly disagree</p>	Response	Percentage	Strongly agree	48.3%	Agree	44%	Neutral	6%	Disagree	1.4%	Strongly disagree	0.3%
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<p>10 Teachers inform you about your expected competencies, course outcomes and programme outcomes.            4 – Every time – 52%            3 – Usually – 39%            2 – Occasionally/Sometimes – 5.4%            1 – Rarely – 2.8%            0 – Never – 0.8%</p>	<p>Teachers inform you about your expected competencies, course outcomes and programme outcomes.</p> <table border="1"> <caption>Data for Item 10 Pie Chart</caption> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Every time</td> <td>52%</td> </tr> <tr> <td>Usually</td> <td>39%</td> </tr> <tr> <td>Occasionally/Sometimes</td> <td>5.4%</td> </tr> <tr> <td>Rarely</td> <td>2.8%</td> </tr> <tr> <td>Never</td> <td>0.8%</td> </tr> </tbody> </table> <p>■ Every time ■ Usually ■ Occasionally/Sometimes ■ Rarely ■ Never</p>	Response	Percentage	Every time	52%	Usually	39%	Occasionally/Sometimes	5.4%	Rarely	2.8%	Never	0.8%
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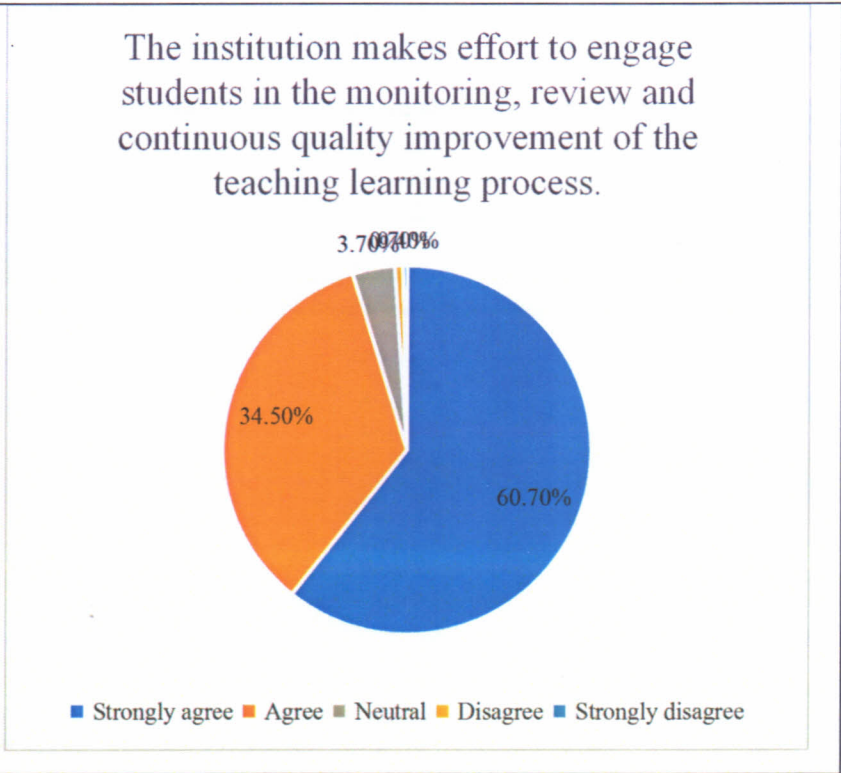
<p>11 Your mentor does a necessary follow-up with an assigned task to you.          4 – Every time – 58.7%          3 – Usually – 38.2%          2 – Occasionally/Sometimes – 2%          1 – Rarely- 0.7%          0 – I don't have a mentor– 0.4%</p>	<p>Your mentor does a necessary follow-up with an assigned task to you.</p> <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Every time</td> <td>58.70%</td> </tr> <tr> <td>Usually</td> <td>38.20%</td> </tr> <tr> <td>Occasionally/Sometimes</td> <td>2%</td> </tr> <tr> <td>Rarely</td> <td>0.7%</td> </tr> <tr> <td>I don't have a mentor</td> <td>0.4%</td> </tr> </tbody> </table>	Response	Percentage	Every time	58.70%	Usually	38.20%	Occasionally/Sometimes	2%	Rarely	0.7%	I don't have a mentor	0.4%
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<p>12 The teachers illustrate the concepts through examples and applications.          4 – Every time – 42.1%          3 – Usually – 49.7%          2 – Occasionally/Sometimes – 6%          1 – Rarely – 1.3%          0 – Never - 0.8%</p>	<p>The teachers illustrate the concepts through examples and applications.</p> <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Every time</td> <td>42.10%</td> </tr> <tr> <td>Usually</td> <td>49.70%</td> </tr> <tr> <td>Occasionally/Sometimes</td> <td>6%</td> </tr> <tr> <td>Rarely</td> <td>1.3%</td> </tr> <tr> <td>Never</td> <td>0.8%</td> </tr> </tbody> </table>	Response	Percentage	Every time	42.10%	Usually	49.70%	Occasionally/Sometimes	6%	Rarely	1.3%	Never	0.8%
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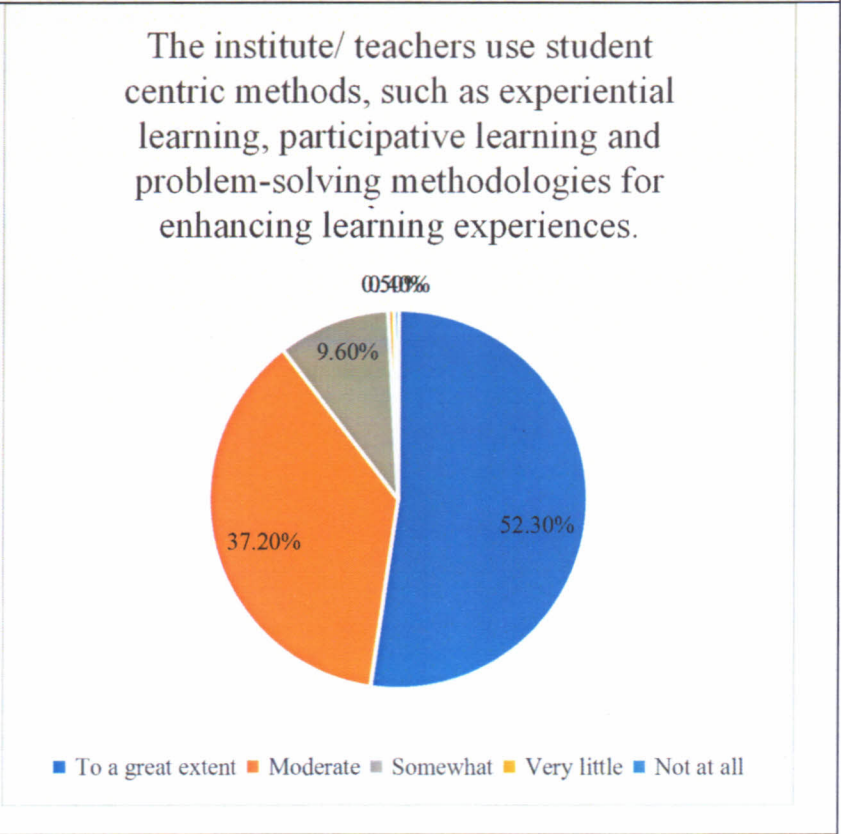
<p>13 The teachers identify your strengths and encourage you with providing right level of challenges.</p> <p>4 – Fully – 50.2% 3 – Reasonably – 42% 2 – Partially – 6.5% 1 – Slightly – 0.9% 0 – Unable to – 0.4%</p>	<p>The teachers identify your strengths and encourage you with providing right level of challenges.</p> <table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Fully</td><td>50.2%</td></tr><tr><td>Reasonably</td><td>42%</td></tr><tr><td>Partially</td><td>6.5%</td></tr><tr><td>Slightly</td><td>0.9%</td></tr><tr><td>Unable to</td><td>0.4%</td></tr></tbody></table> <p>■ Fully ■ Reasonably ■ Partially ■ Slightly ■ Unable to</p>	Response	Percentage	Fully	50.2%	Reasonably	42%	Partially	6.5%	Slightly	0.9%	Unable to	0.4%
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<p>14 Teachers are able to identify your weaknesses and help you to overcome them.</p> <p>4 – Every time – 48% 3 – Usually – 39.2% 2 – Occasionally/Sometimes – 11% 1 – Rarely – 1.6% 0 – Never - 0.2%</p>	<p>Teachers are able to identify your weaknesses and help you to overcome them.</p> <table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Every time</td><td>48%</td></tr><tr><td>Usually</td><td>39.2%</td></tr><tr><td>Occasionally/Sometimes</td><td>11%</td></tr><tr><td>Rarely</td><td>1.6%</td></tr><tr><td>Never</td><td>0.2%</td></tr></tbody></table> <p>■ Every time ■ Usually ■ Occasionally/Sometimes ■ Rarely ■ Never</p>	Response	Percentage	Every time	48%	Usually	39.2%	Occasionally/Sometimes	11%	Rarely	1.6%	Never	0.2%
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15 The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.  
4 – Strongly agree – 60.7%  
3 – Agree – 34.5%  
2 – Neutral – 3.7%  
1 – Disagree – 0.7%  
0 – Strongly disagree – 0.4%



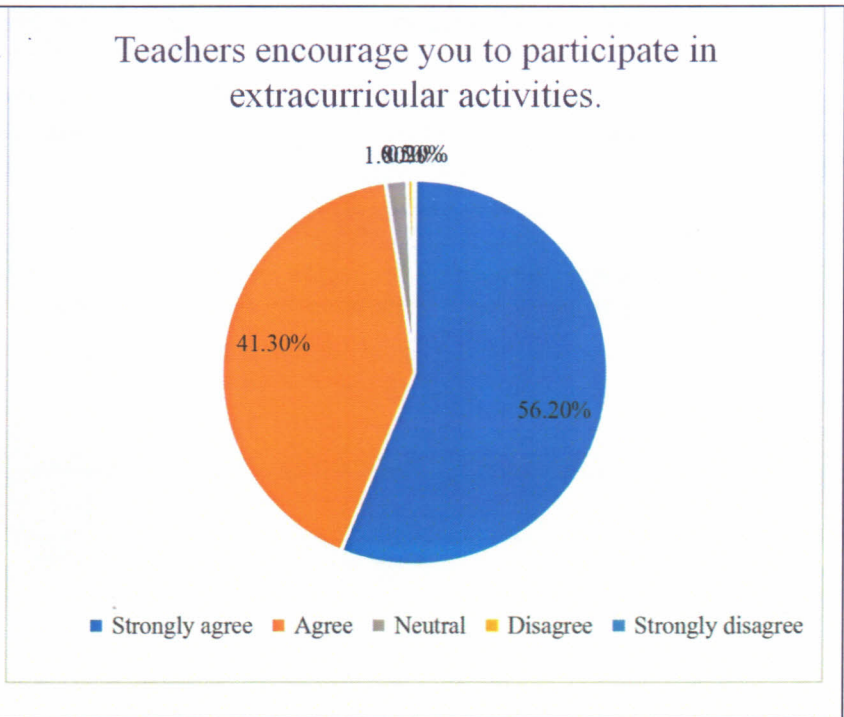
16 The institute/ teachers use student centric methods, such as experiential learning, participative learning and problem-solving methodologies for enhancing learning experiences.  
4 – To a great extent – 52.3%  
3 – Moderate – 37.2%  
2 – Somewhat – 9.6%  
1 – Very little – 0.5%  
0 – Not at all – 0.4%



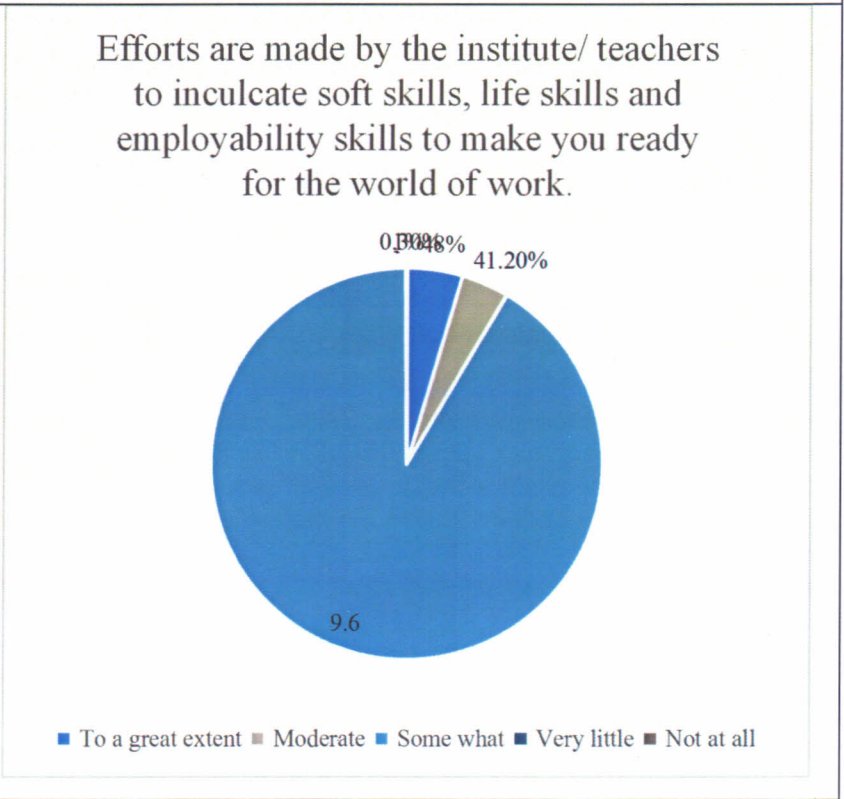




17 Teachers encourage you to participate in extracurricular activities.  
4 – Strongly agree – 56.2%  
3 – Agree – 41.3%  
2 – Neutral – 1.8%  
1 – Disagree – 0.5%  
0 – Strongly disagree -0.2%



18 Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work.  
4 – To a great extent – 48%  
3 – Moderate – 41.2%  
2 – Some what – 9.6  
1 – Very little – 1%  
0 – Not at all-0.3%





19	<p>What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching.</p> <p>4 – Above 90% - 71%</p> <p>3 – 70 – 89% - 21%</p> <p>2 – 50 – 69% - 5%</p> <p>1 – 30 – 49% - 2.4%</p> <p>0 – Below 29% -0.6%</p>	<p>What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching.</p> <p>■ Above 90% ■ 70 – 89% ■ 50 – 69% ■ 30 – 49% ■ Below 29%</p>
20	<p>The overall quality of teaching-learning process in your institute is very good.</p> <p>4 – Strongly agree – 55.7%</p> <p>3 – Agree – 36.6%</p> <p>2 – Neutral – 6.2%</p> <p>1 – Disagree –1.1%</p> <p>0 – Strongly disagree –0.4%</p>	<p>The overall quality of teaching-learning process in your institute is very good.</p> <p>■ Strongly agree ■ Agree ■ Neutral ■ Disagree ■ Strongly disagree</p>
21	<p>Give three observation / suggestions to improve the overall teaching – learning experience in your institution.</p>	
1	<p>Conduct more workshop &amp; hands on training.</p>	
2	<p>Organize industrial visit.</p>	
3	<p>Arrange lectures from industry expert/alumni to explore industry environment.</p>	



# Vidyavardhini's College of Engineering & Technology

Academic Year: 2018-19

4	Expert lecture for higher studies and career opportunity.
5	More emphasis on project-based learning
6	To conduct technical events and competitions along with informative seminars by the experts.
7	Conduct Expert lectures for higher studies and career opportunity.
8	More time should be allocated for practical and workshops.
9	Include subjects on the technical advancements in the syllabus
10	Provide expert from industry to teach elective subjects
11	Provide latest lab equipment that are currently used in the industry.
12	hands on training on software that are currently used in the industry
13	Give more projects and real time problem assignment to solve as an assignment.
14	Promote activity-based learning to clear concepts.
15	Encourage Students to participate in various project Competitions

Dr. Megha Trivedi  
IQAC Coordinator

Dr. Vikas Gupta  
Dean-Academics



# Vidyavardhini's College of Engineering & Technology

K. T. Marg, Near Railway Station, Vasai Road(W), Dist. Palghar, Pin. 401202

## Internal Quality Assurance Cell

### Student Satisfaction Survey Report 2018-19

#### Objective:

The Students Satisfaction Survey (SSS) regarding the teaching, learning, and evaluation system that prevails in the Institute is conducted among the students at Vidyavardhini's College of Engineering & Technology (VCET) through the website. The feedback received helps to upgrade the quality of education.

#### Performance indicators:

The questionnaire has been framed based on NAAC guidelines. It included the following performance indicators:

- Syllabus coverage
- Teachers preparation for class
- Communication ability of teachers
- Teachers approach towards students
- Fairness of the internal evaluation process by the teachers.
- Quality of evaluation for assignments, practical, etc.
- Internship, student exchange, field visit opportunities
- Facilitation for cognitive, social and emotional growth.
- opportunities to learn and grow.
- Informed about expected competencies, course outcomes and programme outcomes.
- Mentoring
- Illustration of concepts through examples and applications by teacher
- Identification strengths and encouragement provided to the students with providing right level of challenges.
- Identification of your weaknesses and help extended to overcome them.
- Effort made by Institute to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.
- Use student centric methods, such as experiential learning, participative learning and problem-solving methodologies for enhancing learning experiences.
- Encourage for participation in extracurricular activities.
- Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills
- Use ICT tools such as LCD projector, Multimedia, etc. by teachers
- The overall quality of teaching-learning process



## Vidyavardhini's College of Engineering & Technology

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### Internal Quality Assurance Cell

Students are also asked to give three observation / suggestions to improve the overall teaching – learning experience in the Institute.

#### Grading System:

Students have rated the question on a scale of 0 to 4. Highest positive response is rated as 4 and the lowest negative response is rated as 0. This removes the binary forced approach and provides a more comfortable wider range for students to register their opinion.

A student has to respond to all the questions given in the following format with her/his sincere effort and thought. Her/his identity is not revealed.

#### Criteria for feedback analysis:

- For the quantitative analysis of feedback, a threshold of 65% is set.
- For qualitative analysis, the comments received from the students are reviewed by the academic committee, and corrective measures are suggested to the higher authorities.

#### Feedback Analysis:

Total No of Responses: 1358

Sr. No.	Parameters	Average Score	Percentage
1	How much of the syllabus was covered in the class?	3.64	91.00
2	How well did the teachers prepare for the classes?	3.44	85.88
3	How well were the teachers able to communicate?	3.38	84.60
4	The teacher's approach to teaching can best be described as	3.28	81.98
5	Fairness of the internal evaluation process by the teachers.	3.47	86.78
6	Was your performance in assignments discussed with you?	3.28	81.93
7	The institute takes active interest in promoting internship, student exchange, field visit opportunities for students.	3.35	83.78
8	The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.	3.38	84.40
9	The institution provides multiple opportunities to learn and grow.	3.39	84.65
10	Teachers inform you about your expected competencies, course outcomes and programme outcomes.	3.39	84.65
11	Your mentor does a necessary follow-up with an assigned task to you.	3.54	88.53
12	The teachers illustrate the concepts through examples and applications.	3.31	82.70



# Vidyavardhini's College of Engineering & Technology

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## Internal Quality Assurance Cell

13	The teachers identify your strengths and encourage you with providing right level of challenges.	3.41	85.18
14	Teachers are able to identify your weaknesses and help you to overcome them.	3.33	83.30
15	The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.	3.54	88.60
16	The institute/ teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.	3.41	85.13
17	Teachers encourage you to participate in extracurricular activities.	3.53	88.20
18	Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work.	3.36	83.95
19	What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching.	3.59	89.85
20	The overall quality of teaching-learning process in your institute is very good.	3.46	86.53

### Comments Received:

- 1 Conduct more workshop & hands on training.
- 2 Organize industrial visit.
- 3 Arrange lectures from industry expert/alumni to explore industry environment.
- 4 Expert lecture for higher studies and career opportunity.
- 5 More emphasis on project-based learning
- 6 To conduct technical events and competitions along with informative seminars by the experts.
- 7 Conduct Expert lectures for higher studies and career opportunity.
- 8 More time should be allocated for practical and workshops.
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- 15 Encourage Students to participate in various project Competitions

  
Dr. Megha Trivedi  
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## Vidyavardhini's College of Engineering & Technology


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### Internal Quality Assurance Cell

#### Action Plan

Sr. No.	Observations	Action Plan	
1	Quantitative Analysis	<ul style="list-style-type: none"><li>● Average score in all the performance criteria is above the threshold value</li></ul>	<ul style="list-style-type: none"><li>● None</li></ul>
2	Qualitative Analysis	<ul style="list-style-type: none"><li>● Conduct more workshops &amp; hands on training.</li><li>● Arrange lectures from industry expert/alumni to explore industry environment.</li><li>● Expert lecture for higher studies and career opportunity.</li><li>● More emphasis on skill-based learning and project-based learning.</li><li>● Encourage students to participate in various competitions like hackathon, code chef etc.</li></ul>	<ul style="list-style-type: none"><li>● Identify key skill gaps and areas of interest among students and organize workshops focusing on practical skill.</li><li>● Invite professionals/alumni from various industries to share their experiences and insights.</li><li>● Invite experts to talk about various higher education options and career paths.</li><li>● Encourage project-based learning to promote critical thinking, collaboration, and problem-solving abilities.</li><li>● Provide support and resources for students to participate and excel in various competitions and recognize/reward achievements to motivate more students to participate.</li></ul>

  
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## Internal Quality Assurance Cell

### Action taken Report

Sr. No.	Observations	Action Plan
1	Quantitative Analysis <ul style="list-style-type: none"><li>All score in all the performance criteria is above the threshold value</li></ul>	<ul style="list-style-type: none"><li>None</li></ul>
2	Qualitative Analysis <ul style="list-style-type: none"><li>Conduct more workshops &amp; hands on training.</li><li>Arrange lectures from industry expert/alumni to explore industry environment.</li><li>Expert lecture for higher studies and career opportunity.</li><li>More emphasis on skill-based learning and project-based learning.</li><li>Encourage students to participate in various competitions like hackathon, code chef etc.</li></ul>	<ul style="list-style-type: none"><li>The establishment of an EYantra Robotics Laboratory has markedly enriched hands-on learning experiences for students.</li><li>A total of 56 expert sessions were arranged to delve into the industry environment, alongside 46 additional sessions focused on cultivating soft skills, life skills, and language and communication proficiency.</li><li>Sessions led by experts providing career guidance were conducted in collaboration with CoCubes and campus credentials. Eleven expert lectures were organized to benefit students in pursuing higher studies.</li><li>Skill based learning and project-based learning is introduced revised R-19 (c-scheme) curriculum.</li><li>Arranged National Conference on Technical Advancements for Social Upliftment (VNC-2020- TASU)</li></ul>

  
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