



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

Accredited by NAAC with 'A' Grade (GPA: 3.20 out of 4)  
MHRD India Rankings NIRF-2022 (Rank-Band: 251-300)  
Accredited by NBA under Tier-I (ECE, EEE, ME, CSE & IT)  
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.Reddy Nagar, Mylavaram-521230, N.T.R Dist, Andhra Pradesh, India.

**Internal Quality Assurance Cell (IQAC)**  
**(Academic Year : 2022-23)**

## **CIRCULAR**

As per the guidelines of **NAAC** (National Assessment and Accreditation Council), it is mandatory to conduct **Student Satisfaction Survey (SSS)** on overall institutional performance and it will help to upgrade the quality of Teaching-Learning process in the institution.

As per the guidelines of **NBA** (National Board of Accreditation), collection of **Feedback on Facilities (FF)** is mandatory. Here, we are analysing the feedback and corrective actions will be taken to improve the facilities in the institution.

Hence, I request all HODs to inform students through the class teachers or mentors regarding the importance of Student Satisfaction Survey(**SSS**) & Feedback on Facilities(**FF**), so that the students can go through the following link (Google Form) and complete the survey with sincere effort and thought.

**<https://tinyurl.com/LBRCE-SSS-2022-23>**

### **Instructions to fill the questionnaire:**

- All questions should be compulsorily attempted.
- Each question has five responses. Choose the most appropriate one.
- The response to the qualitative question is student's opportunity to give suggestions or improvements; she/he can also mention weaknesses of the institute.

**Note: Timeline to complete the survey is 4<sup>th</sup> April 2023.**

Date  
28-03-2023

  
Prof. B. Ramesh Reddy  
Coordinator-IQAC

  
Dr. K. Appa Rao  
Principal



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Hence, all students are informed to participate in Student Satisfaction Survey(SSS) & Feedback on Facilities(FF) through the following link (Google Form) and complete the survey with sincere effort and thought.

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**Internal Quality Assurance Cell (IQAC)**

**Academic Year: 2022-23**

## Student Satisfaction Survey (SSS)

|   |   |
|---|---|
| Duration of Survey                        | : 28 <sup>th</sup> Mar-4 <sup>th</sup> Apr 2023 |
| Total Number of Students on Rolls         | : 4363  |
| Number of Students Participated in Survey | : 3512  |
| Percentage of Participation               | : 80.49%  |

### Question Wise Analysis

| Questions and Options  | No. of Students Opted | Percentage of Students Opted | GPA         |
|--|-----------------------|------------------------------|-------------|
| <b>Q1</b> How much of the syllabus was covered in the class? |                       |                              |             |
| <b>A</b> 85 to 100%  | 2022                  | 57.57                        | <b>3.31</b> |
| <b>B</b> 70 to 84%   | 850                   | 24.21                        |             |
| <b>C</b> 55 to 69%   | 401                   | 11.42                        |             |
| <b>D</b> 30 to 54 %  | 177                   | 5.04                         |             |
| <b>E</b> Below 30%   | 62                    | 1.76                         |             |
| <b>Q2</b> How well did the teacher prepare for the class?    |                       |                              |             |
| <b>A</b> Thoroughly  | 1681                  | 47.86                        | <b>3.44</b> |
| <b>B</b> Satisfactorily                                      | 1711                  | 48.72                        |             |
| <b>C</b> Poorly  | 96                    | 2.73                         |             |
| <b>D</b> Indifferently                                       | 14                    | 0.39                         |             |
| <b>E</b> Won't teach at all                                  | 10                    | 0.28                         |             |

|           |   |      |       |             |
|-----------|---|------|-------|-------------|
| <b>Q3</b> | How well were the teachers able to communicate?             |      |       |             |
| <b>A</b>  | Always effective  | 2178 | 62.02 | <b>3.47</b> |
| <b>B</b>  | Sometimes effective   | 900  | 25.63 |             |
| <b>C</b>  | Just satisfactorily   | 366  | 10.42 |             |
| <b>D</b>  | Generally ineffective                                       | 38   | 1.08  |             |
| <b>E</b>  | Very poor Communication                                     | 30   | 0.85  |             |
| <b>Q4</b> | The teacher's approach to teaching can best be described as |      |       |             |
| <b>A</b>  | Excellent   | 1542 | 43.91 | <b>3.20</b> |
| <b>B</b>  | Very good   | 1244 | 35.42 |             |
| <b>C</b>  | Good  | 618  | 17.59 |             |
| <b>D</b>  | Fair  | 88   | 2.51  |             |
| <b>E</b>  | Poor  | 20   | 0.57  |             |
| <b>Q5</b> | Fairness of the internal evaluation process by the teacher. |      |       |             |
| <b>A</b>  | Always Fair   | 2008 | 57.18 | <b>3.47</b> |
| <b>B</b>  | Usually fair  | 1270 | 36.16 |             |
| <b>C</b>  | Sometimes unfair  | 139  | 3.96  |             |
| <b>D</b>  | Usually unfair  | 35   | 0.99  |             |
| <b>E</b>  | Unfair  | 60   | 1.71  |             |
| <b>Q6</b> | Was your performance in assignments discussed with you?     |      |       |             |
| <b>A</b>  | Every time  | 1951 | 55.55 | <b>3.36</b> |
| <b>B</b>  | Usually   | 1080 | 30.75 |             |
| <b>C</b>  | Occasionally/Sometimes                                      | 321  | 9.14  |             |
| <b>D</b>  | Rarely  | 111  | 3.16  |             |
| <b>E</b>  | Never   | 49   | 1.39  |             |



|            |  |      |       |             |
|------------|--|------|-------|-------------|
| <b>Q7</b>  | The institute takes active interest in promoting internship, field visit opportunities for students.                       |      |       |             |
| <b>A</b>   | Regularly  | 1964 | 55.92 | <b>3.23</b> |
| <b>B</b>   | Often  | 759  | 21.61 |             |
| <b>C</b>   | Sometimes  | 506  | 14.41 |             |
| <b>D</b>   | Rarely   | 173  | 4.93  |             |
| <b>E</b>   | Never  | 110  | 3.13  |             |
| <b>Q8</b>  | The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.          |      |       |             |
| <b>A</b>   | Significantly  | 1551 | 44.16 | <b>3.24</b> |
| <b>B</b>   | Very well  | 1362 | 38.78 |             |
| <b>C</b>   | Moderately   | 497  | 14.15 |             |
| <b>D</b>   | Marginally   | 68   | 1.94  |             |
| <b>E</b>   | Not at all   | 34   | 0.97  |             |
| <b>Q9</b>  | The institution provides multiple opportunities to learn and grow.   |      |       |             |
| <b>A</b>   | Strongly agree   | 1674 | 47.66 | <b>3.33</b> |
| <b>B</b>   | Agree  | 1407 | 40.06 |             |
| <b>C</b>   | Neutral  | 366  | 10.42 |             |
| <b>D</b>   | Disagree   | 45   | 1.28  |             |
| <b>E</b>   | Strongly disagree  | 20   | 0.57  |             |
| <b>Q10</b> | Teachers inform you about your expected competencies, course outcomes, programme outcomes and programme specific outcomes. |      |       |             |
| <b>A</b>   | Every time   | 2028 | 57.74 | <b>3.47</b> |
| <b>B</b>   | Usually  | 1169 | 33.28 |             |
| <b>C</b>   | Occasionally/Sometimes   | 239  | 6.80  |             |
| <b>D</b>   | Rarely   | 62   | 1.76  |             |
| <b>E</b>   | Never  | 14   | 0.39  |             |

|            |  |      |       |             |
|------------|--|------|-------|-------------|
| <b>Q11</b> | Tour mentor/class teacher/course instructor does a necessary follow-up with an assigned task to you. |      |       |             |
| <b>A</b>   | Every time   | 1961 | 55.83 | <b>3.42</b> |
| <b>B</b>   | Usually  | 1193 | 33.97 |             |
| <b>C</b>   | Occasionally/Sometimes   | 249  | 7.09  |             |
| <b>D</b>   | Rarely   | 78   | 2.22  |             |
| <b>E</b>   | Never  | 31   | 0.88  |             |
| <b>Q12</b> | The teachers illustrate the concepts through examples and applications.                              |      |       |             |
| <b>A</b>   | Every time   | 2086 | 59.39 | <b>3.48</b> |
| <b>B</b>   | Usually  | 1109 | 31.58 |             |
| <b>C</b>   | Occasionally/Sometimes   | 231  | 6.58  |             |
| <b>D</b>   | Rarely   | 67   | 1.91  |             |
| <b>E</b>   | Never  | 19   | 0.54  |             |
| <b>Q13</b> | The teacher identify your strength and encourage you with providing right level of challenges.       |      |       |             |
| <b>A</b>   | Fully  | 1795 | 51.11 | <b>3.28</b> |
| <b>B</b>   | Reasonably   | 1167 | 33.23 |             |
| <b>C</b>   | Partially  | 348  | 9.91  |             |
| <b>D</b>   | Slightly   | 128  | 3.64  |             |
| <b>E</b>   | Unable to  | 74   | 2.11  |             |
| <b>Q14</b> | Teachers are able to identify your weaknesses and help you to overcome them.                         |      |       |             |
| <b>A</b>   | Every time   | 1785 | 50.83 | <b>3.23</b> |
| <b>B</b>   | Usually  | 1119 | 31.86 |             |
| <b>C</b>   | Occasionally/Sometimes   | 321  | 9.14  |             |
| <b>D</b>   | Rarely   | 185  | 5.27  |             |
| <b>E</b>   | Never  | 102  | 2.91  |             |



|            |  |      |       |             |
|------------|--|------|-------|-------------|
| <b>Q15</b> | The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.                                   |      |       |             |
| <b>A</b>   | Strongly agree   | 1694 | 48.23 | <b>3.33</b> |
| <b>B</b>   | Agree  | 1392 | 39.63 |             |
| <b>C</b>   | Neutral  | 336  | 9.57  |             |
| <b>D</b>   | Disagree   | 65   | 1.85  |             |
| <b>E</b>   | Strongly disagree  | 25   | 0.71  |             |
| <b>Q16</b> | The institute / teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experience. |      |       |             |
| <b>A</b>   | To a great extent  | 1803 | 51.34 | <b>3.38</b> |
| <b>B</b>   | Moderate   | 1365 | 38.87 |             |
| <b>C</b>   | Some what  | 234  | 6.66  |             |
| <b>D</b>   | Very little  | 75   | 2.13  |             |
| <b>E</b>   | Not at all   | 35   | 0.99  |             |
| <b>Q17</b> | Teachers encourage you to participate in extracurricular activities.   |      |       |             |
| <b>A</b>   | Strongly agree   | 1822 | 51.88 | <b>3.37</b> |
| <b>B</b>   | Agree  | 1277 | 36.36 |             |
| <b>C</b>   | Neutral  | 324  | 9.22  |             |
| <b>D</b>   | Disagree   | 61   | 1.74  |             |
| <b>E</b>   | Strongly disagree  | 28   | 0.79  |             |
| <b>Q18</b> | Efforts are made by institute / teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work.                                 |      |       |             |
| <b>A</b>   | To a great extent  | 1875 | 53.39 | <b>3.40</b> |
| <b>B</b>   | Moderate   | 1276 | 36.33 |             |
| <b>C</b>   | Some what  | 262  | 7.46  |             |
| <b>D</b>   | Very little  | 76   | 2.16  |             |
| <b>E</b>   | Not at all   | 23   | 0.65  |             |

|            |  |      |       |             |
|------------|--|------|-------|-------------|
| <b>Q19</b> | What percentage of teachers use ICT tools such as LCD projector, multimedia, etc while teaching. |      |       |             |
| <b>A</b>   | Above 90%  | 2088 | 59.45 | <b>3.49</b> |
| <b>B</b>   | 70 to 89%  | 1139 | 32.43 |             |
| <b>C</b>   | 50 to 69%  | 203  | 5.78  |             |
| <b>D</b>   | 30 to 49%  | 64   | 1.82  |             |
| <b>E</b>   | Below 29%  | 18   | 0.51  |             |
| <b>Q20</b> | The overall quality of teaching-learning process in your institute is very good.                 |      |       |             |
| <b>A</b>   | Strongly agree   | 1807 | 51.45 | <b>3.40</b> |
| <b>B</b>   | Agree  | 1352 | 38.49 |             |
| <b>C</b>   | Neutral  | 288  | 8.20  |             |
| <b>D</b>   | Disagree   | 47   | 1.34  |             |
| <b>E</b>   | Strongly disagree  | 18   | 0.51  |             |

## SSS Analysis Report and ATR:

- Student Satisfaction Survey on teaching-learning process is conducted in online mode during the period 28<sup>th</sup> Mar – 4<sup>th</sup> Apr 2023 for the Academic Year 2022-23.
- 3512 students out of a total of 4363 students (i.e. 80.49%) participated in the survey.
- GPA is computed for all 20 questions that varies from 3.20 to 3.49 with a cumulative GPA of 3.37 on 4-point scale.

| Options  |                  | No. of Students Opted for 20 Qns | Percentage of Students Opted | GPA         |
|----------|------------------|----------------------------------|------------------------------|-------------|
| <b>A</b> | 4 – Excellent    | 37315                            | 53.13                        | <b>3.37</b> |
| <b>B</b> | 3 – Very Good    | 24141                            | 34.37                        |             |
| <b>C</b> | 2 – Good         | 6345                             | 9.03                         |             |
| <b>D</b> | 1 – Satisfactory | 1657                             | 2.36                         |             |
| <b>E</b> | 0 – Poor         | 782                              | 1.11                         |             |

- **53.13% students have indicated 'Excellent', 34.37% students have indicated 'Very Good', and 9.03% students have indicated 'Good' as for as the survey conducted on teaching-learning process.**



➤ As per question-wise GPA, it is concluded that **students expressed their happiness** with the following parameters (**16 Questions**), where the **GPA greater than or equal to 3.26**.

- ✓ **Q1.** How much of the syllabus was covered in the class?
- ✓ **Q2.** How well did the teacher prepare for the class?
- ✓ **Q3.** How well were the teachers able to communicate?
- ✓ **Q5.** Fairness of the internal evaluation process by the teacher
- ✓ **Q6.** Was your performance in assignments discussed with you?
- ✓ **Q9.** The institution provides multiple opportunities to learn and grow.
- ✓ **Q10.** Teachers inform you about your expected competencies, course outcomes, programme outcomes and programme specific outcomes
- ✓ **Q11.** Your mentor/class teacher/course instructor does a necessary follow-up with an assigned task to you
- ✓ **Q12.** The teachers illustrate the concepts through examples and applications
- ✓ **Q13.** The teacher identify your strength and encourage you with providing right level of challenges
- ✓ **Q15.** The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process
- ✓ **Q16.** The institute / teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experience
- ✓ **Q17.** Teachers encourage you to participate in extracurricular activities
- ✓ **Q18.** Efforts are made by institute / teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work
- ✓ **Q19.** What percentage of teachers use ICT tools such as LCD projector, multimedia, etc while teaching
- ✓ **Q20.** The overall quality of teaching-learning process in your institute is very good

- Similarly, students have given their feedback for the improvements in the following parameters (**4 Questions**), where the **GPA is lesser than 3.26**.
- ☒ **Q4.** The teacher's approach to teaching can best be described as  
(A) Excellent (B) Very good (C) Good (D) Fair (E) Poor
- ☒ **Q7.** The institute takes active interest in promoting internship, field visit opportunities for students  
(A) Regularly (B) Often (C) Sometimes (D) Rarely (E) Never
- ☒ **Q8.** The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth  
(A) Significantly (B) Very well (C) Moderately (D) Marginally (E) Not at all
- ☒ **Q14.** Teachers are able to identify your weaknesses and help you to overcome them  
(A) Every time (B) Usually (C) Occasionally/Sometimes (D) Rarely (E) Never
- Department wise analysis is also done and same is sent to HODs to prepare action plan for corrective measures.
- This report is submitted to the principal for his perusal and further action.

Date  
27-04-2023

  
Prof. B. Ramesh Reddy  
Coordinator-IQAC

  
Dr. K. Appa Rao  
Principal