



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade and NBA (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 : 2021-22)

National Assessment and Accreditation Council (NAAC)

Student Satisfaction Survey (SSS) – Key indicator 2.7.1

Under Criterion II of Teaching-Learning and Evaluation

Analysis of Student Satisfaction Survey (SSS)

Academic Year	: 2021-22
Duration of Survey	: 30 th April-7 th May 2022
Total Number of Students (All Years)	: 4082
Number of Students Participated in Survey	: 2934
Percentage of Participation	: 71.88%

Question Wise Analysis

Questions and Options	No. of Students Opted	Percentage of Students Opted	GPA
Q1 How much of the syllabus was covered in the class?			
A 85 to 100%	1686	57.46	3.32
B 70 to 84%	645	21.98	
C 55 to 69%	465	15.85	
D 30 to 54 %	106	3.61	
E Below 30%	33	1.12	
Q2 How well did the teacher prepare for the class?			
A Thoroughly	1422	48.47	3.45
B Satisfactorily	1420	48.40	
C Poorly	67	2.28	
D Indifferently	17	0.58	
E Won't teach at all	9	0.31	

Q3	How well were the teachers able to communicate?			
A	Always effective	1856	63.26	3.52
B	Sometimes effective	788	26.86	
C	Just satisfactorily	251	8.55	
D	Generally ineffective	26	0.87	
E	Very poor Communication	14	0.48	
Q4	The teacher's approach to teaching can best be described as			
A	Excellent	1287	43.86	3.21
B	Very good	1058	36.06	
C	Good	515	17.55	
D	Fair	63	2.15	
E	Poor	12	0.41	
Q5	Fairness of the internal evaluation process by the teacher.			
A	Always Fair	1747	59.54	3.51
B	Usually fair	1013	34.53	
C	Sometimes unfair	110	3.75	
D	Usually unfair	33	1.12	
E	Unfair	32	1.09	
Q6	Was your performance in assignments discussed with you?			
A	Every time	1663	56.68	3.39
B	Usually	901	30.71	
C	Occasionally/Sometimes	250	8.52	
D	Rarely	86	2.93	
E	Never	35	1.19	

Q7	The institute takes active interest in promoting internship, field visit opportunities for students.			
A	Regularly	1623	55.32	3.20
B	Often	641	21.85	
C	Sometimes	409	13.94	
D	Rarely	149	5.08	
E	Never	113	3.85	
Q8	The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.			
A	Significantly	1303	44.41	3.25
B	Very well	1158	39.47	
C	Moderately	387	13.19	
D	Marginally	56	1.91	
E	Not at all	31	1.06	
Q9	The institution provides multiple opportunities to learn and grow.			
A	Strongly agree	1446	49.28	3.36
B	Agree	1154	39.33	
C	Neutral	278	9.47	
D	Disagree	39	1.33	
E	Strongly disagree	18	0.61	
Q10	Teachers inform you about your expected competencies, course outcomes, programme outcomes and programme specific outcomes.			
A	Every time	1801	64.45	3.50
B	Usually	873	29.75	
C	Occasionally/Sometimes	192	6.54	
D	Rarely	60	2.04	
E	Never	9	0.31	

Q11	Tour mentor/class teacher/course instructor does a necessary follow-up with an assigned task to you.			
A	Every time	1661	56.61	3.43
B	Usually	980	33.40	
C	Occasionally/Sometimes	213	7.26	
D	Rarely	57	1.94	
E	Never	24	0.82	
Q12	The teachers illustrate the concepts through examples and applications.			
A	Every time	1773	60.43	3.49
B	Usually	897	30.57	
C	Occasionally/Sometimes	204	6.95	
D	Rarely	48	1.63	
E	Never	13	0.44	
Q13	The teacher identify your strength and encourage you with providing right level of challenges.			
A	Fully	1537	52.38	3.29
B	Reasonably	943	32.14	
C	Partially	277	9.44	
D	Slightly	117	3.99	
E	Unable to	61	2.08	
Q14	Teachers are able to identify your weaknesses and help you to overcome them.			
A	Every time	1517	51.70	3.24
B	Usually	900	30.67	
C	Occasionally/Sometimes	291	9.92	
D	Rarely	142	4.84	
E	Never	85	2.89	

Q15	The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.			
A	Strongly agree	1497	51.02	3.37
B	Agree	1092	37.22	
C	Neutral	282	9.61	
D	Disagree	40	1.36	
E	Strongly disagree	24	0.82	
Q16	The institute / teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experience.			
A	To a great extent	1602	54.60	3.41
B	Moderate	1025	34.93	
C	Some what	224	7.63	
D	Very little	59	2.01	
E	Not at all	25	0.85	
Q17	Teachers encourage you to participate in extracurricular activities.			
A	Strongly agree	1545	52.66	3.35
B	Agree	1008	34.35	
C	Neutral	269	9.17	
D	Disagree	65	2.21	
E	Strongly disagree	48	1.63	
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.			
A	To a great extent	1646	56.10	3.42
B	Moderate	976	33.26	
C	Some what	226	7.70	
D	Very little	50	1.70	
E	Not at all	37	1.26	

Q19	What percentage of teachers use ICT tools such as LCD projector, multimedia, etc while teaching.			
A	Above 90%	1753	59.75	3.47
B	70 to 89%	914	31.15	
C	50 to 69%	182	6.20	
D	30 to 49%	63	2.15	
E	Below 29%	23	0.78	
Q20	The overall quality of teaching-learning process in your institute is very good.			
A	Strongly agree	1544	52.62	3.40
B	Agree	1100	37.49	
C	Neutral	238	8.11	
D	Disagree	25	0.85	
E	Strongly disagree	28	0.95	

SSS Analysis Report and ATR:

- Student Satisfaction Survey on teaching-learning process is conducted in online mode during the period 30th April - 7th May 2022 for the Academic Year 2021-22.
- 2934 students out of a total of 4082 students (i.e. 71.88%) participated in the survey.
- GPA is computed for all 20 questions that varies from 3.20 to 3.52 with a cumulative GPA of 3.38 on 4-point scale.

Options		No. of Students Opted for 20 Qns	Percentage of Students Opted	GPA
A	4 – Excellent	31909	54.36	3.38
B	3 – Very Good	19486	33.16	
C	2 – Good	5330	9.08	
D	1 – Satisfactory	1301	2.22	
E	0 – Poor	674	1.15	

- **54.36% students have indicated 'Excellent', 33.16% students have indicated 'Very Good', and 9.08% 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/questions with **GPA greater than or equal to 3.26** on a 4-Point scale.

- ✓ How much of the syllabus was covered in the class?
- ✓ How well did the teacher prepare for the class?
- ✓ How well were the teachers able to communicate?
- ✓ Fairness of the internal evaluation process by the teacher
- ✓ Was your performance in assignments discussed with you?
- ✓ The institution provides multiple opportunities to learn and grow.
- ✓ Teachers inform you about your expected competencies, course outcomes, programme outcomes and programme specific outcomes
- ✓ Your mentor/class teacher/course instructor does a necessary follow-up with an assigned task to you
- ✓ The teachers illustrate the concepts through examples and applications
- ✓ The teacher identifies your strength and encourages you with providing right level of challenges
- ✓ The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process
- ✓ The institute / teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experience
- ✓ Teachers encourage you to participate in extracurricular activities
- ✓ Efforts are made by institute / teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work
- ✓ What percentage of teachers use ICT tools such as LCD projector, multimedia, etc while teaching
- ✓ 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/questions, wherein the **GPA is lesser than 3.26** on a 4-Point scale.
- ✓ The teacher's approach to teaching can best be described as
 - ✓ The institute takes active interest in promoting internship, field visit opportunities for students
 - ✓ The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth
 - ✓ Teachers are able to identify your weaknesses and help you to overcome them
- 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
21-06-2022


Prof. B. Ramesh Reddy
Coordinator-IQAC


Dr. K. Appa Rao
Chairperson-IQAC