



Dr. LANKAPALLI BULLAYYA COLLEGE OF ENGINEERING

The Society For Collegiate Education

Affiliated to Andhra University, Approved by AICTE

52-14-75, Resapuvanipalem, Visakhapatnam - 530 013.

Ph : Off : 0891-2703293, 2703296

Email : principal@lbce.edu.in Website : www.lbce.edu.in

Internal Quality Assurance Cell

ACADEMIC AND ADMINISTRATIVE AUDIT (AAA)

ACADEMIC YEAR: 2023-2024

Date of Audit: 02-07-2024

Audit Member-1: Dr. G. Karunakar

Audit Member-2: Dr. G S K Chakravarthy

(The activities are to be graded on the following scale)

Excellent	Good	Satisfactory	Needs improvement
4	3	2	1

Details of Programmes in the institution:

Name of the Programme		Sanctioned Seats	Students Admitted
UG: B.Tech.	1. Civil Engineering	60	15
	2. Computer Science and Engineering	120	119
	3. Electronics and Communication Engineering	120	89
	4. Electrical and Electronics Engineering	60	40
	Total	360	263

Criterion 1 – Curricular Aspects

S. No	Metric No	Description	Weightage	HEIs Input	Grade Points
1	1.1.1	The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment	20	Institution has implemented the curriculum planning and delivery and continuous internal Assessment as per the Academic calendar	4
2	1.2.1	Number of Add on /Certificate/Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. where the students of the institution have benefitted	15	8 Add-on Courses conducted	4
3	1.2.2	Students enrolled in Certificate/ Add-on/ Value added programs and also completed online MOOC programs like SWAYAM, NPTEL etc.as against the total number of students	15	642 Students enrolled in Certificate/ Add-on/ Value added programs	4
4	1.3.1.	Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum	10	Institution has imparted the courses relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability as per the University Curriculum	4
5	1.3.2.	Students undertaking project work/field work/ internships	20	Students have completed the project works. Students have completed Industrial Visits, field work. Students have completed internships conducted by Organizations like L&T, TVS, BSNL etc.,	4
6	1.4.1.	Institution obtained feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website Feedback processes of the institution may be classified as follows: A. Feedback collected, analysed, action taken and feedback hosted on the institutional website B. Feedback collected, analysed and action has been taken C. Feedback collected and analysed D. Feedback collected E. Feedback not collected	20	Feedback collected, analysed, action taken and feedback hosted on the institutional website	4

Criterion 2- Teaching- Learning and Evaluation

S. No	Metric No	Description	Weightage	HEIs Input	Grade Points
7	2.1.1	Number of seats filled year wise (Only first year admissions to be considered)	20	Number of first year seats filled : 263	3
8	2.1.2	Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, etc. as per applicable reservation policy)	20	Students admitted from the reserved categories: 204 Seats earmarked for reserved category as per GOI/ State Govt rule: 252	4
9	2.2.1.	Student – Full time Teacher Ratio Formula: Students: Full time teacher	40	Faculty members are appointed as per 20: 1 Ratio	4
10	2.3.1.	Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools	40	Different Student centric Methods were implemented. Teaching using ICT Tools also implemented.	4
11	2.4.1.	Number of Sanctioned posts / required positions for teaching staff/ full time teachers Recruitment conducted for vacant Faculty Positions.	15	Management has sanctioned the posts as per AICTE Norms. Recruitment conducted for vacant Faculty Positions.	4
12	2.4.2.	Full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt.	25	Thirty Faculty members have Ph. D/NET/SET/SLET	4
13	2.5.1.	Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient	40	Internal/ external assessment Mechanism is transparent. grievance redressal system is time- bound and efficient	4
14	2.6.1.	Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website	25	Course Outcomes (COs) for all courses are stated and displayed on website	4
15	2.6.2	Attainment of POs and COs are evaluated.	20	Attainment of Course Outcomes (COs) and Programme Outcomes (POs)	4
16	2.6.3	Pass percentage of Students Number of final year students who appeared for the university examination year wise Number of final year students who passed the university examination year wise	45	Number of final year students who appeared: 375 Number of final year students who passed the university examination: 351	4
17	2.7.1.	Online student satisfaction survey regarding to teaching learning process. (Online survey to be conducted)	60	Online student satisfaction survey Conducted	4

Criteria 3- Research, Innovations and Extension

S. No	Metric No	Description	Weightage	HEIs Input	Grade Points
18	3.1.1	Grants received from Government and non-governmental agencies for research projects/ endowments in the institution (INR in Lakhs)	10	No Grants Received	0
19	3.2.1	Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge (patents filed, published, incubation center facilities in the HEI to be considered)	10	Institution has registered with MOEs Institution Innovation Council Institution has R&D Cell and Entrepreneurship Innovation and Startup Cell (EISC) Few Patents published	3
20	3.2.2	Workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted	5	Conducted Nine Workshops on Seminars including on Research Methodology, Intellectual Property Rights (IPR) and Entrepreneurship	4
21	3.3.1	Number of research papers published per teacher in the Journals notified on UGC care list	10	Twenty Four Research papers published	2
22	3.3.2	Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings	15	Fifteen books and chapters and Papers published in national/ international conference proceedings	4
23	3.4.1	Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof	15	Eleven Extension activities are carried out in the neighborhood community	4
24	3.4.2	Awards and recognitions received for extension activities from government / government recognised bodies	5	Eleven Awards and recognitions received for extension activities from government bodies	4
25	3.4.3	Number of extension and outreach programs conducted by the institution through NSS/NCC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs)	20	Eleven Extension activities are carried out in the neighborhood community	4
26	3.5.1	The number of MoUs, collaborations/ linkages for Faculty exchange, Student exchange, Internship, Field project, On-the-job training, research and other academic activities	20	Number of MoUs, collaborations: Twenty Seven	4

Criterion 4 - Infrastructure and Learning Resources

S. No	Metric No	Description	Weightage	HEIs Input	Grade Points
27	4.1.1	Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT infrastructure, facilities for cultural and sports activities, gymnasium, yoga centre etc. in the institution	20	Infrastructure and physical facilities are adequately available	3
28	4.1.2	Expenditure for infrastructure augmentation, excluding salary year wise	10	Rs 38.0596 Lakhs spent for infrastructure augmentation	3
29	4.2.1	Library automation using Integrated Library Management System (ILMS), subscription to e-resources including provision of links to OER repositories, amount spent on purchase of books, journals and usage of library	20	ILMS Software is available, Library subscribed Print and Online Journals	4
30	4.3.1	Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection	20	Internet Bandwidth: 8MBps	3
31	4.3.2	Number of computers available for students usage during the latest completed academic year	10	4.79:1	
32	4.4.1	Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise (INR in lakhs)	20	Rs 118.40243 Lakhs spent for on maintenance of infrastructure	4

Criterion 5- Student Support and Progression

S. No	Metric No	Description	Weightage	HEIs Input	Grade Points
33	5.1.1	Students benefited by scholarships and Freeships provided by the Government	20	All Students received Government Scholarship	4
34	5.1.2	Capacity building and skills enhancement initiatives taken by the institution include the following Soft Skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	10	Organized Eight Training Program on Soft Skills, Language and communication skills, ICT/Computing skills	4
35	5.1.3	Students benefitted by guidance for competitive examinations and career counseling offered by the Institution	10	Conducted Training Programme for Competitive Examinations. Students participated:386 Conducted Career counselling Programme Students participated:384	4
36	5.1.4	The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases	10	Conducted Awareness Programme on Anti Ragging. Conducted the Meeting of Student Grievances Redressal Committee. Conducted the Meeting of Internal Complains Committee. Conducted the Meeting of Anti Ragging and Discipline Committee.	4
37	5.2.1	Placement of outgoing students and students progressing to higher education	25	Students placed : 9	3
38	5.2.2	Students qualifying in state/national/ international level examinations (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)	10	Students qualified in examinations:15	4
39	5.3.1	Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level	20	Number of Awards: 12	3
40	5.3.2	Number of sports and cultural programs in which students of the Institution participated during last five years	25	Number of sports and cultural programs in which students participated: 15	4
41	5.4.1	Registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services.	10	Conducted Alumni Association Meetings	3

Criterion 6- Governance, Leadership and Management

S. No	Metric No	Description	Weightage	HEIs Input	Grade Points
42	6.1.1	The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance	15	The governance and leadership is in accordance with vision and mission of the institution. The institution has implemented decentralization	4
43	6.2.1	The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/ development plan etc	8	Institute has established the different institutional committees. Institute has formulated the Administrative Manual, Policies	4
44	6.2.2	Implementation of e-governance in areas of operation 1. Administration 2. Finance and Accounts 3. Student Admission and Support 4. Examination	4	Implemented e-governance using Reference Globe Soft ware, Online Payment	4
45	6.3.1	The institution has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff	6	Staff Members provided with EPF, ESIC, Maternity Leaves, Medical Leaves	4
46	6.3.2	Number of teachers provided with financial support to attend conferences/workshops	12	Nil	0
47	6.3.3	Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Professional development/ Administrative training programs	15	Teaching Staff participated in FDPs: 73	4
48	6.4.1	Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ non- government organizations) and it conducts financial audits regularly (internal and external)	10	Institution has conducts financial internal audit external audit	4
49	6.5.1	Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities	15	IQAC has implemented Quality initiatives on Teaching Learning, Skill Development.	4
50	6.5.2	Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements Collaborative quality initiatives with other institution(s) Membership of international networks	15	Internal Quality Assurance Cell Committee has conducted the Meetings Quarterly. College has Collaboration with other institution(s).	3

Criterion 7 - Institutional Values and Best Practices

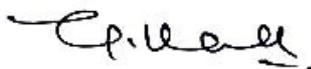
S. No	Metric No	Description	Weightage	HEIs Input	Grade Points
51	7.1.1	Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals	10	Institution has conducted the programs on promotion of gender equity. Institution has organized the programs on national and international commemorative days, events and festivals	4
52	7.1.2	The Institution has facilities and initiatives for Alternate sources of energy and energy conservation measures Management of the various types of degradable and non- degradable waste Water conservation Green campus initiatives Disabled-friendly, barrier free environment	20	The Institution has facilities for Management of the degradable and non-degradable waste, Water Conservation and Disabled-friendly and Barrier free environment The Institution has implemented the initiatives on Green campus, Water Conservation. Audit Conducted by Rekhapalli Environmental Solutions & Technologies Pvt Ltd.	4
53	7.1.3	Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following Green audit / Environment audit Energy audit Clean and green campus initiatives Beyond the campus environmental promotion and sustainability activities	10	Institute has Green audit / Environment audit Energy audit Clean and green campus initiatives Beyond the campus environmental promotion and sustainability activities	4
54	7.1.4	Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic diversity and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens	10	Institute has organized the programs on providing an inclusive environment, diversity. Institute has sensitized the students and employees to the constitutional obligations	4

55	7.2.1	Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual	30	Best Practice 1: Implementing Teaching Learning Methods and Conducting Remedial Classes to enhance the Performance of Students	4
				Best Practice 2: Involving Students as active practitioners of Green Initiatives and Environmental Conservation both within the Campus and beyond.	
56	7.3.1	Performance of the Institution in one area distinctive to its priority and thrust	20	The College has to a great extent achieved its set objective of institutional distinctiveness using women empowerment as a tool for societal improvement.	4

Criteria		Weightage	Grade Points
Criterion 1	Curricular Aspects	100	360
Criterion 2	Teaching- Learning and Evaluation	350	1380
Criterion 3	Research, Innovations and Extension	110	340
Criterion 4	Infrastructure and Learning Resources	100	340
Criterion 5	Student Support and Progression	140	450
Criterion 6	Governance, Leadership and Management	100	385
Criterion 7	Institutional Values and Best Practices	100	400
Total		1000	3655
Overall CGPA : 3.655			

Suggestions:

1. It is Required to publish research papers by all the faculty members.
2. Efforts may be put in to motivate the faculty to apply research projects for funding from government and external agencies.
3. Interaction with alumni shall further be increased. Alumni data base has to be maintained.



Dr G. Karunakar,
Associate Professor,
Gitam University,
Visakhapatnam.



Dr GSK Chakravarthy,
Principal,
Dr Lankapalli Bullayya College,
Visakhapatnam