

**Academic and Administrative Audit-2019-20**  
**Andhra Loyola Institute of Engineering & Technology**  
**Format-I (Institutional Data)**

COLLEGE PROFILE			
1	Name of the College, URL of Website, email and Phone number	<b>Andhra Loyola Institute of Engineering and Technology, Vijayawada - 8</b> <b>www.aliet.ac.in, alietbza@gmail.com, 0866 249 8978</b>	
2	Name of the Principal, email & Mobile Number	<b>Dr.O.Mahesh, omaheshr@gmail.com ,9121214609</b>	
3	Names of the Assistant Director, email & Mobile Number	<b>Rev.Fr.M.Anand SJ,email:anandm48@gmail.com,9121617796</b> <b>Rev. Fr. J. Chiranjivi SJ , email:jchiru16@gmail.com, 9491688116</b>	
4	Name of the IQAC Coordinator, email & Mobile Number	<b>Dr.K.Prasanthi Jasmine, email: <a href="mailto:drkpjasmine@aliet.ac.in">drkpjasmine@aliet.ac.in</a>, 9440518803</b>	
5	Year of Establishment & details of land available if any	<b>2008, own land (11.67 acres)</b>	
6	Affiliating University	<b>JNTU-Kakinada</b>	
7	NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited)	<b>NAAC Accredited with B++</b>	
8	AICTE Approved	<b>YES</b>	
9	College Working Hours( if shift system mention details of both shifts & give reasons for shift system)	<b>9.00AM - 5.00 PM</b>	
10	No. of Posts Sanctioned: <b>123</b>	Regular Working: <b>123</b>	Self-Financing: <b>00</b>  Guest Working: <b>00</b>
11	Course-wise & year wise Students strength particulars (Proforma enclosed)	<u>List of students enclosed and strength is maintained in office</u>	

**I-CURRICULAR ASPECTS**

	<b>Item</b>	<b>Status (Give Details, not just Yes/No)</b>	<b>Recommendation/Suggestions by Academic Advisors</b> A - Excellent B - Good C - Poor	<b>Action taken</b>
12	Implementation of Annual Institutional Plan	Prepared at the beginning of the every academic year and implemented	A	
13	Departmental Annual Curricular Plans	In the department, we prepared semester wise plans and implementing	A	
14	Whether the above two circulated among Students?	Yes	A	
15	College Activity Register	Maintained in the IQAC Cell & office	B	
16	College Calendar/College Magazine	College Hand book & Magazine are available at office	A	
17	Add-on Courses (Department-wise) completed during 2019-20	5 (Life Skills, English Communication Skills, Reasoning & Aptitude, Coding Training, Soft Skills)	A	
18	Coverage of Syllabus (Average Percentage)	100% (Both the Semesters)	A	
19	Maintenance of Student Attendance Registers in 2019-20	Registers are maintained	A	

20	Whether feedback on curriculum was obtained from stake holders and analysed	Feedback is taken and maintained	B Suggested to analyze f/b	
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**II-TEACHING, LEARNING & EVALUATION**

21	Student admissions-Cut off marks and % of SC,ST, BC, minority and OC students admitted (Group wise) in 2019-20	Details are available at office	—	
22	Social-economic status of students enrolled (Group wise and Year wise) in 2019-20	Details are available at office	A	
23	Number of differently abled students (Divyangjan) on roll	NILL	—	
24	Percentage of full time teachers against sanctioned posts in 2019-20	100%	A	
25	Student - Full time teacher ratio	20:1	A	
26	Teaching Diaries & Teaching Plans in Prescribed Formats	All the lecturers prepared lesson plans, teaching diaries maintained in the department, and the semester-wise teaching diaries and lesson plans are available within the department.	A	

27	Use of ICT in teaching and learning	In the departments CSE- 6- LCD projectors, 1- laptop, 2-printers ,Smartboard-1, ECE- 6 -LCD projectors,2- laptops,2-printers, Smartboard-1, EEE- 4-LCD projectors, 1- laptop,2-printers, Smartboard-1, MECH- 6 -LCD projectors,2- laptops, 2- printers, Smartboard-1, CIVIL-3- LCD projectors, 1- laptop, 2- printers, Smartboard-1, IT- 3- LCD projectors, 1- laptop, 1- printer, Smartboard-1, S&H- 10- LCD projectors, 1- laptop, 1- printer, MBA- 3- LCD projectors, 1- laptop, 1- printer (Bills are maintained in the department stock register)	A	
28	Average percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.	100%	A	
29	Co-Curricular Activities (College level)	VENTURA (Conducted and documented by respective co-coordinators)	-	
30	Seminars/conferences/workshops organized in 2019-20	CSE -21,ECE-19,EEE-5 ,MECH -6,CIVIL-5,IT-10 ,MBA-10 ,S&H-42 (Conducted and documented in the department)	A	
31	Academic Competitions (College Level & Above)	(Project Expo/ Technical Quiz/ EPISTEMIKON/ Engineers Day) Conducted and documented respective co-coordinators	A	
32	Conduct of Internal Examinations- Internal assessment	Conducted as per the University schedule and marks are maintained in the exam cell and Department		
33	Teacher wise result analysis (2019-20 SEM-1, 2019-20 SEM-2 )	Teacher wise result analyses calculated after every Semester end exam results announced and maintained in the department	A	

34	Pass percentage of students (Group wise) in 2019-20	<p>CSE-  IV year: Sem1-83.4% , Sem2-96.7%  III year: Sem1- 77.6%  II year : Sem1- 69.8%</p> <p>ECE-  IV year: Sem1-76.8% , Sem2-85.4%  III year: Sem1- 66.17%  II year : Sem1- 53.7%</p> <p>EEE-  IV year: Sem1-55.2% , Sem2-75.76%  III year: Sem1- 35%  II year : Sem1- 45.2%</p> <p>MECH –  IV year: Sem1-38.86% , Sem2-78.81%  III year: Sem1- 33.9%  II year : Sem1- 45.25%</p> <p>CIVIL-  IV year: Sem1-67.74% , Sem2-86.66%  III year: Sem1- 66.66%  II year : Sem1- 59.64%</p> <p>IT-  IV year: Sem1-88.88% , Sem2-94.4%  III year: Sem1- 73.33%  II year : Sem1-43.75%</p> <p>MBA-  3<sup>rd</sup> SEM(16-18 Batch)-83.02%, 1<sup>st</sup> SEM-92.98%</p> <p>S&amp;H:  1<sup>st</sup> SEM-43.84%</p>	<p>In some departments results are poor, and steps can be taken to improve the pass percentage</p>
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35	Number of students undertaking field projects/internships	CSE-121,ECE-62,EEE-130 ,CIVIL-62 ,IT-166 ,MBA-53,MECH-35 Students taken internship and documents are maintained in the department	A	
36	Remedial Classes	After the mid semester exams HOD analyses the results year wise and directs the faculty members to take remedial classes for the slow learners. Accordingly, remedial classes are conducted and attendance are maintained (Kept in the departments)	B Analysis is to be made	
37	Conduct of Bridge courses/Certification courses	CSE-5,EEE-2,ECE-3,MECH-3,IT-3 ,CIVIL-2 ,MBA-2,S&H-9 Courses conducted for students, Certificates are maintained in the department	B Suggested more certification courses	
38	Feedback on Teachers by Students and its analysis	Online feedback is taken	Feedback need to be Analyzed	
39	Student satisfaction survey-Feedback on teaching and learning process by Students and its analysis	Student feedback is taken and maintained	A	
<b>III-RESEARCH, INNOVATIONS AND EXTENSION</b>				
40	No. of Research Guides in the College	NILL	—	
41	Major/Minor/Other Research Projects	MBA-1 Description: 1) Dr.Janardhana Rao Nidamaluri had applied for Entrepreneurship Awareness Camps (EACS) to encourage, Promote and facilitate Entrepreneurial activities among B.Tech students .For the Academic year 2019-20, Entrepreneurship Development Institute of India (EDII) sanctioned 3 EACS worth of Rupees		

		60000/- (Mini Project) under the aegis of National Science and Technology, Govt of India, New Delhi. The above 3 EACs are conducted for B.Tech MECH, EEE, CSE, and IT students.		
42	Research Papers Published in 2019-20 (International/ National)	CSE -10 ,ECE-19,EEE-1 ,MECH-4,IT-5 ,MBA-9 , S&H-14,CIVIL-2 (proofs are maintained in department)	A	
43	Papers Presented in 2019-20 (International/ National/ State) (conferences)	CSE -3 ,ECE-23, MBA-12,MECH-3, S&H-7 (proofs are maintained in department)	A	
44	Books Published in 2019-20 (Single Author/ Co Author)	EEE-2,S&H-1,ECE-1, MECH-3 (proofs are maintained in department)	A	
45	Seminars/Workshops/ Training Programme Conducted in 2019-20 (International/ National/ State)	CSE -21,ECE-19,EEE-5 ,MECH -6,CIVIL-5,IT-10 ,MBA-10 ,S&H-42 (Conducted and documented in the department)	A	

46	Record of Consultancy in 2019-20	CIVIL-YES  Documented and maintained in the department	-	
47	Whether the Institution has created an ecosystem for innovation including incubation centre and other initiatives for transfer of knowledge	Conducted Entrepreneurship Awareness Camp Programmes-3 (Proofs Documented in EDC cell)	B	
48	Whether the institution conducted workshop/seminars on Intellectual Property Rights (IPR), Industry-	Yes,EEE-1 (Proofs Documented in Department)	-	

	Academia Innovative practices			
49	Record of MoUs in 2019-20	CSE -4(Anblicks,Indian Servers, Net Smart,ST Global) EEE- 1(HIE-1) MECH-1(CITD) ECE-3(BSNL,MicroLink, ALIENT LABZ) IT-2(Indian Servers, Black Bucks) (Proofs Documented in Department)	A	
50	Record of Subject/Department Related Extension Activities	CSE -2,EEE-2,MBA-1,ECE-3, ,MBA-1,CIVIL-1 (Proofs Documented in Department & Extension officer)	A	
51	Number of extension programmes conducted in the neighbourhood community to sensitize the students	IT-2, CIVIL-1, MECH-3. ECE-3,EEE-3, S&H -6 (Proofs Documented in Department & Extension officer)	A	
52	Number of extension programmes conducted in collaboration with Community/NGOs through NSS/NCC/Red Cross/YRC etc.,	13 (Proofs Documented in Department & Extension officer)	A	
53	Details of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, ODF, Aids Awareness, Gender Issue, etc	(Proofs Documented in Department & Extension officer)	A	
54	Number of awards and recognition received for extension activities from Government/ recognised bodies	NILL	-	



IV-INFRASTRUCTURE AND LEARNING RESOURCES				
55	Number of Class rooms, Labs and computing equipment	The institute has 55 class rooms ,5 seminar halls,56 LCD projectors,710 computers, Internet speed – 66 mbps is provided	A	
56	Facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.,) and cultural activities	Cricket Field, Volley Ball Court, Throw ball Court, Badminton outdoor court, Table tennis , Kho- Kho and Kabbadi Courts are available in the campus. Basket ball court, lawn tennis court and 400 m track for athletics, indoor stadium for shuttle badminton and gymnasium are available inside the campus of society. Inside the campus a unit known as “Kaladarshini” is available whereby interested students can learn classical dance, music, yoga.	A	
57	classrooms and seminar halls with ICT - enabled facilities such as smart class, Virtual Class Room, LMS, etc.	CSE- CLASS ROOMS WITH LCD FACILITIES –6 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1 ECE- CLASS ROOMS WITH LCD FACILITIES – 6 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1 EEE- CLASS ROOMS WITH LCD FACILITIES – 3 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1 MECH- CLASS ROOMS WITH LCD FACILITIES – 6 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1 CIVIL- CLASS ROOMS WITH LCD FACILITIES – 3 IT- CLASS ROOMS WITH LCD FACILITIES –3 MBA- CLASS ROOMS WITH LCD FACILITIES –2 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES -1 S&H- CLASS ROOMS WITH LCD FACILITIES – 8  ( Proofs as Bills )	A	

58	Budget allocated for infrastructure augmentation(2019-20)	Rs. 45,50,923.00 /-	A	
59	Library is automated using Integrated Library Management System	Library is using NEW GEN LIB Software by Versus Solutions Private Limited, Version 3.2	A	
60	Collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment	Special Dictionaries, Hand Books, Project Reports, Rare Books, Great Speeches etc. are available in the library	Suggested to collect rare books	
61	Does college has e-Journals, e-books, e-ShodhSindhu, Shodhganga membership and Databases	Yes, SCIENCEDIRECT, E-books,E-SHODSINDHU, NATIONAL DIGITAL LIBRARY, NPTEL-COURSES, SWAYAM,MOOCS, SPOKEN TUTORIALS, Data is maintained in library.	A	
62	Expenditure for purchase of books and journals in 2019-20	Rs. 12,40,372/-	---	
63	Percentage per day usage of library by teachers and students	11% Proofs (Accession Register)	A	

64	Student-Computer ratio	As per AICTE 1:6 for UG,1:4 for PG but 1:3 ratio provided for students .	A	
65	Updation of IT facilities	CSE 1. The CSE department purchased Projector Screen on 14/02/2020 with Invoice number: 021614 worth of 3,500(Three thousand five hundred rupees only). 2: The CSE department purchased Globus Interactive white board on 11/09/2019 with Invoice number: 50/2019-20 worth of 42,500(Fourty two thousand five hundred rupees only).		

		<p>EEE</p> <ol style="list-style-type: none"> <li>1. The EEE department purchased Projector Screen on 16/02/2020 with Invoice number: 021060 worth of 3,200(Three thousand two hundred rupees only).</li> <li>2. The EEE department purchased Globus Interactive white board on 11/09/2019 with Invoice number: 50/2019-20 worth of 42,500(Fourty two thousand five hundred rupees only).</li> </ol> <p>IT</p> <ol style="list-style-type: none"> <li>1. The IT department purchased Projector Screen on 14/02/2020 with Invoice number: 021614 worth of 3,500(Three thousand five hundred rupees only).</li> <li>2. The IT department purchased Globus Interactive white board on 11/09/2019 with Invoice number: 50/2019-20 worth of 42,500(Fourty two thousand five hundred rupees only).</li> </ol> <p>MBA</p> <ol style="list-style-type: none"> <li>1. The MBA department purchased TALLY ERP 9 software on 21/11/2019 with invoice number: 3665 worth of 61,500(Sixty one thousand five hundred rupees only).</li> </ol> <p>CIVIL</p> <ol style="list-style-type: none"> <li>1. The CIVIL department purchased Projector Screen on 14/02/2020 with Invoice number: 021614 worth of 3,500(Three thousand five hundred rupees only).</li> <li>2. The CIVIL department purchased Globus Interactive white board on 11/09/2019 with Invoice number: 50/2019-20 worth of 42,500(Fourty two thousand five hundred rupees only).</li> </ol> <p>MECH</p> <ol style="list-style-type: none"> <li>1. The MECH department purchased Acer Desktop on 08/07/2019 with Invoice number: 217 worth of 28,000(Twenty eight thousand rupees only).</li> </ol>		
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		<p>2. The MECH department purchased Automation Studio Version 6.3 Educational-Complete package on 22/06/19 with Invoice number: 004/19-20 worth of 7, 78,505.00(Seven lakh seventy eight thousand five hundred five rupees only).</p> <p>3. The MECH department purchased Globus Interactive white board on 11/09/2019 with Invoice number: 50/2019-20 worth of 42,500(Fourty two thousand five hundred rupees only).</p> <p>ECE</p> <p>1. The ECE department purchased Globus Interactive white board on 11/09/2019 with Invoice number: 50/2019-20 worth of 42,500(Fourty two thousand five hundred rupees only).</p> <p style="text-align: center;"><b>(BILLS as proofs)</b></p>		
66	Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component	Rs. 2,79,93,047/- Expenditure Details are available at Accounts Section.		
67	Established systems and procedures for maintaining and utilizing physical, academic and support facilities laboratory, library, sports complex, computers, classrooms etc	The physical facilities of the institute such as buildings, lawns, class rooms etc. are maintained clean and tidy. The entire floor of the building is swept every day and mopping is done once a week. Whitewashing of building and class rooms is done once in three years. The lawns and gardens are well maintained. Facilities for different outdoor and indoor games are available in the institute.		

<b>V-STUDENT SUPPORT AND PROGRESSION</b>				
68	Average percentage of students benefited by scholarships by the Government in 2019-20	64.09% (Scholarships Register is available within the office) List of Applied students for scholar ship (Proofs are maintained in office )	-	
69	Average percentage of students benefited by scholarships by the	18/2311=0.77% (Freeships details are available within the office) (Proofs are maintained in office )	-	

	Institution in 2019-20			
70	Average percentage of students benefited by guidance for competitive examinations and career counseling offered by the institution in 2019-20	100 % benefited. (Record is available with Placement Cell ) (Proofs as registers )	-	
71	Average percentage of placement of outgoing students in 2019-20	242/360=67.22% (Record is available with placement cell)	A	
72	Student grievances redressal mechanism	No incident reported	-	
73	Number of capability enhancement and development schemes conducted (like Career guidance, Remedial coaching etc.,)	6-Guidance for competitive examinations , Career Counselling Softskill development, Remedial Coaching, Bridge courses, Personal counseling  Proofs are maintained	A	
74	Number of student progression to higher education	CSE -11,IT-1, MECH-6 (Documents available within the Department)	B Need to be improved	
75	Number of students qualifying in state/ national/ international examinations(like NET, SLET, GATE, Civil services, state government etc.,)	CSE -11,EEE-2,MECH-2 (Documents available within the Department)	A	

76	Number of awards/medals for outstanding performance in sports/cultural activities	CSE-5 MECH-7 MBA-11 EEE-3	A	
77	Records of significant achievements in Sports & Games	Records are maintained and are available with Physical Director <b>Highlights</b> <ul style="list-style-type: none"> <li>• JNTUK Central Zone Inter collegiate Athletics 3 Gold Medals and Women Overall Champion</li> <li>• JNTUK Central Zone Inter collegiate Power Lifting Bronze Medal</li> <li>• JNTUK C-Zone Inter collegiate Basket Ball 1<sup>st</sup> Place</li> <li>• JNTUK C-Zone Inter collegiate Kabaddi 2<sup>nd</sup> Place</li> <li>• JNTUK C-Zone Inter collegiate Cricket 2<sup>nd</sup> Place</li> </ul>	A	
78	Number of sports and cultural activities / competitions organized in the Institution in 2019-20	Indoor-3, Outdoor-3, Track and Field- 6 Games & sports register is maintained and available with physical director <b>(Sports Day and VENTURA)</b>	A	
79	Alumni contribution in 2019-20 & (In Rs)	NILL	-	
80	Number of Alumni Association /Chapters meetings held in 2019-20	CSE -1,MBA-1,ECE-1,EEE-1 (Documents available within the Department)	A	
81	Record of Anti Ragging cell	Precautionary measures are taken by creating awareness through publishing Disciplinary actions in the students' hand books, announcing the adverse consequences of ragging by Public Address System, Display of anti-ragging posters in prominent locations and in the form of notices. No incident of ragging is registered. (Proofs as minutes of meeting book)	A	

82	Maintenance of drinking water	2 RO water purifier plants are established. (1 in Main Block and 1 in PG Block). The purified safe drinking water is stored in 6 tanks and supplied throughout the day.	A	
83	Maintenance of sanitation	Separate toilets are maintained to the boys, girls and visitors.	A	
<b>VI-GOVERNANCE AND LEADERSHIP</b>				
84	Functioning of Committees in Administration ( Minutes of meetings)	The decentralized governance is under implementation through various committees such as, Anti – ragging committee, Women’s Cell & Internal Complaint committee, Events and Cultural Committee, Media and Public Relations Committee, Academic Audit Committee, Extension Program Committee, Placement and training Cell, Grievances Redressal Committee, Sports and Games Committee, Entrepreneurship Development Cell, IQAC cell . ( Proofs as minutes of meeting books)	A	
85	Awards/Achievements:	S&H-2,CIVIL-1 (Documents available within the Department) (proofs Available in the department )	A	
86	Use of ICT in Governance	Online transctions for tution fees, Question papers through mail, Online Feedback	A	
87	Organizational structure of the Institution	Organizational structure of the institution is provided.	A	
88	Implementation of e-governance in Planning and Development, Administration, Finance and Accounts, Student Admission and Support, Examination	Finance and accounts-Tally Erp software, Student admission through Eamcet (Govt. of AP),Examination portal (JNTUK)	A	


89	Percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies in 2019-20	40/123 = 32.52% (proofs as audit statement )	A	
90	Number of professional development / administrative training programs organized by the Institution for teaching and non-teaching staff in 2019-20	CSE-1,CVIL-3,ECE-1,IT-1,MECH-1 (Documents available within the Department)	A	
91	Percentage of teachers attended professional development programs(Orientation Program, Refresher Course, Short Term Course etc.) in 2019-20	100%	A	
92	Funds / Grants received from non-government bodies, individuals, philanthropers in 2019-20	CIVIL-8,00,867/-	A	
93	Average number of quality initiatives by IQAC for promoting quality culture per year	IQAC cell maintain documents.	A	
94	Participation in NIRF	Participated	A	





95	IQAC activities & maintenance of records , (Action Plan/Minutes of Meeting/Proof of submission of AQAR to NAAC/Activity register etc)	Available in IQAC cell	A	
<b>VII-INSTITUTIONAL VALUES AND BEST PRACTICES</b>				
96	Percentage of power requirement of the Institution met by the renewable energy sources	100kW Solar Power. 40% Reduction in Electricity bill. (proofs as bills )	A	
97	Waste Management steps taken	<ul style="list-style-type: none"> <li>• Solid waste management-Dustbins are placed in each corridor and class rooms, collected solid waste is dumped in main VMC dustbins</li> <li>• Liquid waste management-Centralized liquid waste connected to VMC</li> <li>• E-waste management: E-waste is disposed in E-Bins</li> </ul>	A	
98	Rain water harvesting structures and utilization in the campus	Rain water harvesting pits:4	A	
99	Facilities for Differently abled (Divyangjan) (ramp, scribe for examination etc.,)	Physical facilities (classroom), Lift, Ramp/ Rail and wheel chair are available for differently abled students, Providing scribe facility for differently abled students.	A	

100	Green Practices (plastic free campus, green landscaping etc.,)	The institution strives for the environmental friendly practices in the campus. Green guards Ecolab monitors sustainability in the campus. It takes the lead in redefining the environmental culture and is developing green practices in the form of solar energy, rain water harvesting, management of solid, liquid and e- waste. The institution encourages plastic free campus. The institution has sprawling lush green garden and trees. Green audit is conducted every year	A	
101	Record of best/innovative practices by the institution	The best practices implemented in ALIET, which yielded good results include: 1. Igniting Entrepreneurial Spirit in students and Catalyzing Entrepreneurial Eco system of the region 2. Conducting Research studies for social cause	A	
102	College Activity Register 2019-20 & Hard Copy of AQAR 2019-20 (should be available with the Principal)	College Activity Register is maintained	A	
<b>COLLEGE GRADING:</b>				

  
Signature of the Assistant Director

  
Signature of the Principal

Signatures of Academic Advisors

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2. 
3. 