

Academic and Administrative Audit-2020-21
Andhra Loyola Institute of Engineering & Technology
Format-I (Institutional Data)

COLLEGE PROFILE			
1	Name of the College, URL of Website, email and Phone number	Andhra Loyola Institute of Engineering and Technology, Vijayawada - 8 www.aliet.ac.in, alietbza@gmail.com, 0866 249 8978	
2	Name of the Principal, email & Mobile Number	Dr.O.Mahesh, omaheshr@gmail.com ,9121214609	
3	Names of the Assistant Director, email & Mobile Number	Rev.Fr.D .Balaswamy SJ, email:dbalusj@gmail.com, 9494884306 Rev. Fr.N.Britto Martin Paul SJ , email:brittomartinsj@yahoo.com, 8008899480	
4	Name of the IQAC Coordinator, email & Mobile Number	Dr.K.Prasanthi Jasmine, email: drkpjasmine@aliet.ac.in , 9440518803	
5	Year of Establishment & details of land available if any	2008, own land (11.67 acres)	
6	Affiliating University	JNTU-Kakinada	
7	NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited)	NAAC Accredited with B++	
8	AICTE Approved	YES	
9	College Working Hours(if shift system mention details of both shifts & give reasons for shift system)	9.00AM - 5.00 PM	
10	No. of Posts Sanctioned: 125	Regular Working: 125	Self-Financing: 00 Guest Working: 00
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				
	Item	Status (Give Details, not just Yes/No)	Recommendation/Suggestions by Academic Advisors	Action taken
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 office	A	
16	College Calendar/College Magazine	College Hand book & Magazine are available at office	A	
17	Add-on Courses (Department-wise) completed during 2020-21	5 (Life Skills, English Communication Skills, Reasoning & Aptitude, Coding Training, Soft Skills)	B	Need to be improved
18	Coverage of Syllabus (Average Percentage)	100% (Both the Semesters)	A	
19	Maintenance of Student Attendance Registers in 2020-21	Registers are maintained	A	

20	Whether feedback on curriculum was obtained from stake holders and analysed	Feedback is taken and maintained	A	
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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 2020-21	Details are available at office	A	
22	Social-economic status of students enrolled (Group wise and Year wise) in 2020-21	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 2020-21	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	
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27	Use of ICT in teaching and learning	In the departments CSE- 10- LCD projectors, 2- laptops, 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,Grapgic tabs-2 IT- 5- LCD projectors, 1- laptop,1- printer, Smartboard-1, S&H- 10- LCD projectors,1- laptop, 1- printer, Smartboard-1 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)	A	
30	Seminars/conferences/workshops organized in 2020-21	CSE -16,ECE-14,EEE-5 ,MECH -7,CIVIL-60,IT-11 ,MBA-28 ,S&H-225 (Conducted and documented in the department)	B	Need to be improved
31	Academic Competitions (College Level & Above)	(Project Expo/ Technical Quiz/ EPISTEMIKON/ Engineers Day) Conducted and documented respective co-coordinators	B	Need to be improved
32	Conduct of Internal Examinations- Internal assessment	Conducted as per the University schedule and marks are maintained in the exam cell and Department	A	
33	Teacher wise result analysis (2020-21SEM-1, 2020-21SEM-2)	Teacher wise result analyses calculated after every Semester end exam results announced and maintained in the department	B	Need to be improved

34	Pass percentage of students (Group wise) in 2020-21	<p>CSE- IV year:Sem 1-83.4% ,Sem2-96.7% III year:Sem 1- 77.6% II year :Sem 1- 69.8% ECE- IV year:Sem 1-76.8% ,Sem2-85.4% III year:Sem 1- 66.17% II year :Sem 1- 53.7% EEE- IV year:Sem 1-55.2% ,Sem2-75.76% III year:Sem 1- 35% II year :Sem 1- 45.2% MECH – IV year:Sem 1-38.86% ,Sem2-78.81% III year:Sem 1- 33.9% II year :Sem 1- 45.25% CIVIL- IV year:Sem 1-67.74% ,Sem2-86.66% III year:Sem 1- 66.66% II year :Sem 1- 59.64% IT- IV year:Sem 1-88.88% ,Sem2-94.4% III year:Sem 1- 73.33% II year :Sem 1-43.75% MBA- 3rd SEM(16-18 Batch)-83.02%,1st SEM-92.98% S&H: 1st SEM-43.84%</p>	B	Need to be improved
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35	Number of students undertaking field projects/internships	CSE-121,ECE-62,EEE-130 ,CIVIL-53 ,IT-50 ,MBA-6,MECH-24 Students taken internship and documents are maintained in the department		
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	Need to be improved
37	Conduct of Bridge courses/Certification courses	CSE-4,EEE-2,ECE-6,MECH-1,IT-3 ,CIVIL-2 ,MBA-1,S&H-9 Courses conducted for students, Certificates are maintained in the department	B	Need to be improved
38	Feedback on Teachers by Students and its analysis	Online feedback is taken	B	Need to be improved
39	Student satisfaction survey-Feedback on teaching and learning process by Students and its analysis	Student feedback is taken and maintained	B	Need to be improved
III-RESEARCH, INNOVATIONS AND EXTENSION				
40	No. of Research Guides in the College	NILL	----	----
41	Major/Minor/Other Research Projects	MBA-1, S&H-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	B	Need to be improved

		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. 2) SPICES		
42	Research Papers Published in 2020-21 (International/ National)	CSE -44 ,ECE-25,EEE-1 ,MECH-7,IT-19 ,MBA-9 , S&H-11,CIVIL-2 (proofs are maintained in department)		
43	Papers Presented in 2020-21 (International/ National/ State) (conferences)	CSE -13 ,ECE-2, MBA-7,MECH-3, S&H-3,IT-3,CIVIL-4 (proofs are maintained in department)	B	Need to be improved
44	Books Published in 2020-21 (Single Author/ Co Author)	CSE-2,EEE-2,S&H-8,ECE-2, MECH-1 (proofs are maintained in department)	B	Need to be improved
45	Seminars/Workshops/ Training Programme Conducted in 2020-21 (International/ National/ State)	CSE -16,ECE-4,EEE-5 ,MECH -6,CIVIL-2,IT-10 ,MBA-5 ,S&H-42 (Conducted and documented in the department)		

46	Record of Consultancy in 2020-21	ECE-YES(Rs 24000) Documented and maintained in the department	B	Need to be improved
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)	A	

48	Whether the institution conducted workshop/seminars on Intellectual Property Rights (IPR), Industry-Academia Innovative practices	Yes, MBA-1 (Proofs Documented in Department)		
49	Record of MoUs in 2020-21	CSE -6(ION TCS, BYTEXL, ANBLICK SOLUTIONS, STGLOBAL, ORACLE ACADEMY, Indian Servers) EEE-1(HIE-1) MECH-1(CITD) ECE-3(BSNL, MicroLink, ALIENT LABZ) IT-7(1.Dr.computers.in 2.Efftronics 3.Tech Scape 4.Kveninar 5.Ramson Tech labs 6.Black buck 7.Indian Servers) (Proofs Documented in Department) S&H-3, MBA-3	A	
50	Record of Subject Department Related Extension Activities	CSE -2, EEE-2, MBA-1, ECE-1, MBA-1, CIVIL-1, S&H -1, MECH-1 (Proofs Documented in Department & Extension officer)	A	
51	Number of extension programmes conducted in the neighbourhood community to sensitize the students	CSE -1, IT-2, CIVIL-3, MECH-1, ECE-1, EEE-3, S&H -1 (Proofs Documented in Department & Extension officer)		
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) CSE -1	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	23-MECH (Proofs Documented in Department & Extension officer)	B	Need to be improved
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		
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.		
57	classrooms and seminar halls with ICT - enabled facilities such as smart class, Virtual Class Room, LMS, etc.	<p>CSE- CLASS ROOMS WITH LCD FACILITIES –6 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1</p> <p>ECE- CLASS ROOMS WITH LCD FACILITIES – 6 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1</p> <p>EEE- CLASS ROOMS WITH LCD FACILITIES – 3 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1</p> <p>MECH- CLASS ROOMS WITH LCD FACILITIES – 6 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1</p> <p>CIVIL- CLASS ROOMS WITH LCD FACILITIES – 3</p> <p>IT- CLASS ROOMS WITH LCD FACILITIES –3 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1</p> <p>MBA- CLASS ROOMS WITH LCD FACILITIES –2</p>	A	

		NUMBER OF SEMINAR HALLS WITH ICT FACILITIES -1 S&H- CLASS ROOMS WITH LCD FACILITIES – 8 (Proofs as Bills)		
58	Budget allocated for infrastructure augmentation(2020-21)	Rs. 45,50,923.00 /-		
59	Library is automated using Integrated Library Management System	Library is using NEW GEN LIB Software by Versus Solutions Private Limited, Version 3.2		
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 is available in the library	B	Need to be improved
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.	B	Need to be improved
62	Expenditure for purchase of books and journals in 2020-21	Rs.12,40,372/-		
63	Percentage per day usage of library by teachers and students	11% Proofs (Accession Register)		

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	A	

11/09/2019 with Invoice number: 50/2019-20 worth of 42,500(Fourty two thousand five hundred rupees only).

EEE

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).
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).

IT

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).
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).

MBA

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).
2. 1. Purchased Lenovo Desktop Model Number Core I3 10th Generation, 4 GB Ram, 1Tb Harddisk with Win OS 10 on 15th March, 2021, Rs. 32,500/-
2. Department connected with Wi-Fi

CIVIL

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).
2. The CIVIL department purchased Globus Interactive white board on

		<p>11/09/2019 with Invoice number: 50/2019-20 worth of 42,500(Fourty two thousand five hundred rupees only).</p> <p>MECH</p> <ol style="list-style-type: none"> 1. The MECH department purchased Acer Desktop on 08/07/2019 with Invoice number: 217 worth of 28,000(Twenty eight thousand rupees only). 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). 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>ECE</p> <ol style="list-style-type: none"> 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 style="text-align: center;">(BILLS as proofs)</p>		
66	Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component	<p>Rs. 2,79,93,047/-</p> <p>Expenditure Details are available at Accounts Section.</p>		
67	Established systems and procedures for maintaining and utilizing physical, academic and support facilities laboratory, library, sports complex, computers, classrooms etc	<p>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.</p>	A	

V-STUDENT SUPPORT AND PROGRESSION

68	Average percentage of students benefited by scholarships by the Government in 2020-21	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 Institution in 2020-21	18/2311=0.77% (Freeships details are available within the office) (Proofs are maintained in office)		
70	Average percentage of students benefited by guidance for competitive examinations and career counseling offered by the institution in 2020-21	100 % benefited. (Record is available with Placement Cell) (Proofs as registers)		
71	Average percentage of placement of outgoing students in 2020-21	242/360=67.22% (Record is available with placement cell)	B	Need to be improved
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		
74	Number of student progression to higher education	CSE -12, IT-6, MECH-1,CIVIL-4,ECE-3 (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 -18,EEE-2,MECH-1, IT-1, CIVIL-4 (Documents available within the Department)	B	Need to be improved
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76	Number of awards/medals for outstanding performance in sports/cultural activities	CSE-2, CIVIL-5 MECH-7 MBA-1 EEE-3 IT-3	B	Need to be improved
77	Records of significant achievements in Sports & Games	Records are maintained and are available with Physical Director Highlights <ul style="list-style-type: none"> • JNTUK Central Zone Inter collegiate Athletics 3 Gold Medals and Women Overall Champion • JNTUK Central Zone Inter collegiate Power Lifting Bronze Medal • JNTUK C-Zone Inter collegiate Basket Ball 1st Place • JNTUK C-Zone Inter collegiate Kabaddi 2nd Place • JNTUK C-Zone Inter collegiate Cricket 2nd Place 	A	
78	Number of sports and cultural activities / competitions organized in the Institution in 2020-21	Indoor-3, Outdoor-3, Track and Field- 6 Games & sports register is maintained and available with physical director (Sports Day and VENTURA)	A	
79	Alumni contribution in 2020-21 & (In Rs)	NILL	---	----

80	Number of Alumni Association /Chapters meetings held in 2020-21	CSE -1,MBA-1,ECE-2,EEE-1,IT-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.		
83	Maintenance of sanitation	Separate toilets are maintained to the boys, girls and visitors.	B	Need to be improved
VI-GOVERNANCE AND LEADERSHIP				
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)		
85	Awards/Achievements	CSE-14,S&H-2,CIVIL-1,ECE-2,MBA-1 (Documents available within the Department)		

		(proofs Available in the department)		
86	Use of ICT in Governance	Online transactions for tuition fees, Question papers through mail, Online Feedback	B	Need to be improved
87	Organizational structure of the Institution	Organizational structure of the institution is provided.		
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)		

89	Percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies in 2020-21	40/125 = 32.52% (proofs as audit statement)	B	Need to be improved
90	Number of professional development / administrative training programs organized by the Institution for teaching and non-teaching staff in 2020-21	CSE-1,CIVIL-3,ECE-1,IT-1,MECH-1,S&H-1 (Documents available within the Department)	B	Need to be improved
91	Percentage of teachers attended professional development programs(Orientation Program, Refresher Course, Short Term Course etc..) in 2020-21	100%		

92	Funds / Grants received from non-government bodies, individuals, philanthropers in 2020-21	CIVIL-8,00,867/-		
93	Average number of quality initiatives by IQAC for promoting quality culture per year	IQAC cell maintain documents.		
94	Participation in NIRF	Participated		
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		
VII-INSTITUTIONAL VALUES AND BEST PRACTICES				
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)		
97	Waste Management steps taken	<ul style="list-style-type: none"> • Solid waste management-Dustbins are placed in each corridor and class rooms, collected solid waste is dumped in main VMC dustbins • Liquid waste management-Centralized liquid waste connected to VMC • E-waste management: E-waste is disposed in E-Bins 		

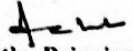
98	Rain water harvesting structures and utilization in the campus	Rain water harvesting pits:4		
99	Facilities for Differently abled (Divyangjan) (ramp, scribe for examination etc.,)	Physical facilities (classroom), Lift, Ramp/ Rail and wheel chair are available for differently abled students, Providing scribe facility for differently abled students.		
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		
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		
102	College Activity Register 2020-21 & Hard Copy of AQAR (should be available with the Principal)	College Activity Register is maintained.		

COLLEGE GRADING:

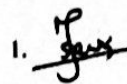
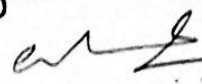
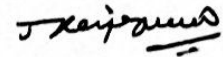
Signature of the Vice-Principal


10/11/21

Signature of the Principal


3-11-21

Signatures of Academic
Advisors

1.  (Dr. NISR Niranjan Kumar)
2.  (Dr. Ch. Padmavathi Raju)
3.  (Dr. J. RAJENDRA PRASAD)