Academic and Administrative Audit-2017-18
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	Name of the Assistant Director, email & Mobile Number	Rev. Fr. J. CHIRANJIVI SJ ,email:jchiru16@gmail.com,9491688116
4	Name of the IQAC Coordinator, email & Mobile Number	Dr.A.Srinivasa Rao, email: akella.srinivas08@gmail.com,9440522138
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)	Preparing for First Cycle
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: 159	Regular Working: 159	Self-Financing: 00	Guest Working: **00**
11	Course wise & year wise Students strength particulars (Proforma enclosed)	<td colspan="3">List of students enclosed and strength is maintained in office</td>

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I-CURRICULAR ASPECTS

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	Item	Status (Give Details, not just Yes/No)	Recommendation/Suggestions by Academic Advisors (A-Excellent, B-Good, C-Poor)	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?	Circulated through notice board and e-resources	A	
15	College Activity Register	Maintained in the IQAC Cell & office	B (Suggested to maintain the register of all the activities)	
16	College Calendar/College Magazine	College Hand book & Magazine are available at office	A	

17	Add-on Courses (Department-wise) completed during 2017-18	6 (Life Skills. English for Employability. Aptitude. Coding . Soft Skills, Campus recruitment training for Nandi Foundation)	A	
18	Coverage of Syllabus (Average Percentage)	100% (Both the Semesters)	A	

19	Maintenance of Student Attendance Registers in 2017-18	Registers are maintained and submitted to exam cell.	A	
20	Whether feedback on curriculum was obtained from stake holders and analyzed	Feedback is taken and maintained	B (Suggested to analyze the Feedback)	

		II-TEACHING, LEARNING & EVALUATION		
21	Student admissions-Cut off marks and % of SC.ST. BC. minority and OC students admitted (Group wise) in 2017-18	Details are available at office	----	
22	Social-economic status of students enrolled (Group wise and Year wise) in 2017-18	Details are available at office	A	
23	Number of differently abled students (Divyangjan) on roll	CIVIL- 1	----	

24	Percentage of full time teachers against sanctioned posts in 2017-18	100%	A	
25	Student - Full time teacher ratio	15:1	A	

26	Teaching Diaries & Teaching Plans	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- 5 LCD projectors. 1 laptop.- 2printers . ECE- 4 LCD projectors.2 laptops.-2 printers. 1 OHP Projector. EEE- 2 LCD projectors. 1 laptop.-1 printer.1 OHP Projector MECH- 3 LCD projectors.2 laptops.- 1 printers CIVIL- 1 LCD projectors, 1 laptop. - 1 printer. IT- 2 LCD projectors. 1 laptop.-1 printer.1 OHP Projector S&H- 2 LCD projectors,-1 laptop. -1 printer. MBA- 2 LCD projectors. 1 computer 1 laptop.1 printer) (Bills are maintained in the department)	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)	SPORTS DAY and VENTURA (Conducted and documented by respective co-coordinators)	A	

30	Seminars/conferences/workshops organized in 2017-18	CSE -8,ECE-8,EEE-10 ,MECH -2,CIVIL-8,IT-17 ,MBA-14 (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	A	
33	Teacher wise result analysis (2017-18 SEM-1, 2017-18 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 2017-18	CSE- Sem-I(II year- 62% ,III year-52.4%, IV year-77.4%) Sem-II(II year- 73.9% ,III year-62.9%, IV year-78.9%) ECE- Sem-I(II year-48.45% ,III year-76.5%, IV year-72.9%) Sem-II(II year-69.55% ,III year-73.8%, IV year-80.32%) EEE- Sem-I(II year-42.34% ,III year-55%, IV year-69.12%) Sem-II(II year-47.34% ,III year-61.13%, IV year-85.36%) MECH – Sem-I(II year-24.41% ,III year-43.67%, IV year-52.48%)	In some departments the results are poor and steps can be taken to improve the pass percentage.	

Sem-II(II year-38.47% .III year-51%, IV year-72.52%)

CIVIL-
Sem-I(II year-65.62% .III year-67.21%, IV year-65.62%)
Sem-II(II year-50.70% .III year-80.32%, IV year-88.88%)

IT-
Sem-I(II year-63.63% .III year-72.2%, IV year-50%)
Sem-II(II year-66.6% .III year-57.69%, IV year-65.62%)

MBA-
(III SEM(16-18 Batch)-84.31%.IV SEM(16-18)-75%
I SEM(17-19 Batch)-88.89%.II SEM-61.11%(17-19))

S&H-
 SEM I-46.18% . SEM-II-56.11%

35	Number of students undertaking field projects/internships	CSE-3,ECE-27,EEE-17,MECH-17,CIVIL-19 ,IT-11 ,MBA-52 . (Documents are maintained in the department)	Field projects/internshi ps can be made mandatory for all the departments.

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 is maintained.	A	
37	Conduct of Bridge course	Workshops and Guest lectures are conducted for the related subjects	A	
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	Awareness is created on Student satisfaction survey	A	

III-RESEARCH, INNOVATIONS AND EXTENSION

40	No. of Research Guides in the College	MBA-1	For 40-44: Faculty members of all the departments can be encouraged to take up active research and publication. Cash incentives and awards can be given.	
41	Major/Minor/Other Research Projects	MBA-4 Description: 1)Entrepreneurial attitude and motivational factors among graduate and postgraduate students – A case study in Andhra Pradesh 2)Impact of Land pooling scheme on industrial. social and economic development- An empirical study in capital city area (Amravati) of Andhra Pradesh 3) Institute of Public Enterprises, Hyderabad originally got project		

		from Andhra Pradesh Government. 4)DST NIMAT project – Entrepreneurship Awareness Camp		
42	Research Papers Published in 2017-18 (International/ National)	International CSE -9 .ECE-35 .EEE-24 .MECH-2.IT-5.MBA-12 ..S&H-15 (proofs are maintained in department)		
43	Papers Presented in 2017-18 (International/ National/ State) (conferences)	International CSE -3 .ECE-1.IT-4. S&H-11. EEE-24 (proofs are maintained in department)		
44	Books Published in 2017-18 (Single Author/ Co Author)	EEE-1.S&H-1 (proofs are maintained in department)		
45	Seminars/Workshops/ Training Programme Conducted in 2017-18 (International/ National/ State)	ECE-8.EEE-10.MECH-2 .CIVIL-8.IT-2.S&H – 1.CSE-9 . MBA-8 (Documented in Department)	A	

| 46 | Record of Consultancy in 2017-18 | Yes (CIVIL. MBA)

Documented and maintained in the department | Other departments can take up consultancy. | |

47	Whether the Institution has created an ecosystem for innovation including incubation centre and other initiatives for transfer of knowledge	Conducting Entrepreneurship Awareness Camp & Women Entrepreneurship development Programme.	B	
48	Whether the institution conducted workshop/seminars on Intellectual Property Rights (IPR), Industry-Academia Innovative practices	Yes (MECH-1,CIVIL-1,CSE-5) (Proofs Documented in Department)	A	
49	Record of MoUs in 2017-18	CSE-4 (Rational rose, Microsoft(DR Computer Services) ,Oracle, TCS) EEE- 2 (Tech Trunk Ventures pvt. Ltd, Robokart Technologies Pvt.Ltd) MECH-4 (Synergem Energy Training Center ,Vijayawada, Future NDT Vijayawada , Creatual CAD,GS ALLOY Casting Ltd.) ECE-2 (BSNL , MicroLink) MBA:3(BSNL, Limenaph chemicals, Sri Sambhasiva Kumar Industries) (Proofs Documented in Department)	A (Other departments can also explore the possibility of signing MoUs in their fields)	

50	Record of Subject/Department Related Extension Activities	CSE -3,.EEE-4 ,MECH-1.MBA-.S&H - 1.IT-1.ECE-4, ,MBA-5 (Proofs Documented in Department & Extension officer)	A	
51	Number of extension programmes conducted in the neighbourhood community to sensitize the students	IT-1 , CIVIL-7, MECH-1,MBA-2,CSE-23 (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..	NIL	NSS unit can be started	
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	NIL	---	

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 – 50 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, Tennikoit court, 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 –2 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1 ECE- CLASS ROOMS WITH LCD FACILITIES – 5 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1 EEE- CLASS ROOMS WITH LCD FACILITIES – 2 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1 MECH- CLASS ROOMS WITH LCD FACILITIES – 3 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1 CIVIL- CLASS ROOMS WITH LCD FACILITIES – 1 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1 IT- CLASS ROOMS WITH LCD FACILITIES –2 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1 MBA- CLASS ROOMS WITH LCD FACILITIES –2 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES -1	A	

		S&H- CLASS ROOMS WITH LCD FACILITIES – 2 NUMBER OF SEMINAR HALLS WITH ICT FACILITIES-1 (Proofs as Bills)		
58	Budget allocated for infrastructure augmentation(2017-18)	**105.15729 Lakhs**	A	
59	Library is automated using Integrated Library Management System	Library is using NEW GEN LIB Software by Verus Solutions Private Limited, Version 3.1.4	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 is 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, VIDEEYA, 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 2017-18	16.7799 Lakhs	----	
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 computer peripherals on 28/06/2017 with bill number: 177,178 worth of 46,170.00(forty six thousand one hundred seventy rupees only). 2. The CSE department purchased computer peripherals on 28/06/2017 with bill number: 177,178 worth of 29,955.00(Twenty nine thousand nine hundred and fifty five rupees only). 3. The CSE department purchased optoma Projector on 19/02/2018 with bill number: 163, worth of 23,046.87(twenty three thousand forty six rupees only) 4. The CSE department purchased computer peripherals on 13/03/2018 with bill number: 614 worth of 10,042.34(Ten thousand forty two rupees only). 5. The CSE department purchased computer peripherals on 13/03/2018 with bill number: 614 worth of 5,084.73(five thousand eighty four rupees only). IT: 1. The IT department purchased 64 Computers on 23/06/2017 with bill number: 41 worth of 23,40,000/-	A	

S&H

1. The S&H department purchased electronic goods/ ELCS LAB on 12/10/2017 with bill number 208 worth of Rs.12.075/- (Twelve thousand and seventy five rupees only)
2. The S&H department purchased Unisound UPS-service-ELSC on 18/10/2017 with bill number: 2609 worth of Rs.730 /- (Seven hundred and thirty rupees only).
3. The S&H department purchased Projector for the department on 15/11/2017 with bill number: 118 worth of Rs.29.500/- (Twenty nine thousand five hundred rupees only)
4. The S&H department purchased Canon Toner for the department on 28/03/2018 with bill number: 692 worth of Rs.3.900/-(Three thousand and nine hundred rupees only)
5. The S&H department purchased Mouse Logitech for the department on 21/02/2018 with bill number: 571 worth of Rs.8.000/-(Eight thousand rupees only)

EEE

1. The Department of EEE had .purchased Computer Peripherals (speakers& Amplifier) on28/04/2017 with bill no 849 worth 23.000
2. The Department of EEE had .purchased Computer Peripherals(logistic mouses-25) on 13/06/2017with bill no

7682 worth 5,625/-
3. The Department of EEE had .purchased LCD projector
   (optima) on 20/07/2017 with bill no 49 worth 29,500

MECH:
1. The ME department purchased computer peripherals (Qty-56)
   on 5/03/2018 with invoice bill number: 613 worth of 14,350
   (Fourteen thousand three hundred fifty rupees only).

ECE:

1. The ECE department purchased computer peripherals on
   29/07/2017 with bill number: 88 worth of 21,595.00(Twenty
   one thousand five hundred and ninety five only).

2. The ECE department purchased Projector OPTOMA on
   30/06/2017 with bill number: 43 worth of 28,500 (Twenty
   eight thousand five hundred only).

MBA:
1.   The MBA department purchased Printer with scanner on
   30/10/2017 with bill number: 255 worth of 17,200(Seventeen
   thousand two hundred only).
2. The MBA department purchased Projector OPTOMA on
   17/10/2017 with bill number:104 worth of 29,500 (Twenty
   nine thousand five hundred only).
3. The MBA department purchased UPS 600 VA on 25/10/2017
   with bill number:242 worth of 1,500 (Fifteen hundred only).

		(BILLS as proofs)		
66	Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component	268.79650 Lakhs (Details are available at Accounts Section)	A	
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.	A	

V-STUDENT SUPPORT AND PROGRESSION				
68	Average percentage of students benefited by scholarships by the Government in 2017-18	66.63% (Proofs are maintained in office)	---	
69	Average percentage of students benefited by scholarships by the Institution in 2017-18	0.80% (Proofs are maintained in office)	---	

70	Average percentage of students benefited by guidance for competitive examinations and career counseling offered by the institution in 2017-18	100 % benefited. (Record is available with Placement Cell) (Proofs as registers)	---	
71	Average percentage of placement of outgoing students in 2017-18	35.05% (Record is available with placement cell)	Placement cell can be strengthened	
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 Counseling Soft skill development. Remedial Coaching. Bridge courses. Personal counseling	A	
74	Number of student progression to higher education	CSE -2 , EEE-4.CIVIL-6 .IT-3.ECE-4.MECH-2 (Documents available within the Department)	Measures can be taken to encourage remaining students to pursue higher studies	
75	Number of students qualifying in state/ national/ international examinations (like NET, SLET, GATE, Civil services, state government etc.,)	CIVIL-2 .EEE-3.IT-2.ECE-6 (Documents available within the Department)	A	

76	Number of awards/medals for outstanding performance in sports/cultural activities	CSE-4 MECH-4 MBA-1	A	
77	Records of significant achievements in Sports & Games	Records are maintained and available with Physical Director **Highlights** • JNTUK C-Zone Inter collegiate Basket Ball 1st Place • JNTUK Central-Zone Inter collegiate Basket Ball 2nd Place • Open fest SRM University, Amaravathi Tournament,1st place Basket Ball	A	
78	Number of sports and cultural activities / competitions organized in the Institution in 2017-18	CSE -2 .ECE-2 .EEE-2 ,MECH -2.CIVIL-2 .IT-2 ,MBA-2 Records are maintained and available within charges. (or) Games & sports register is maintained and available with physical director **(Sports Day and VENTURA)**	A	
79	Alumni contribution in 2017-18 & (In Rs)	ALCAA	A	
80	Number of Alumni Association /Chapters meetings held in 2017-18	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 Safe drinking water can be provided in the library and in all the floors	
83	Maintenance of sanitation	Separate toilets are maintained to the boys, girls and visitors	A	

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)	A	
85	Awards/Achievements	CSE -6 ,IT-1,EEE-2,ECE-1 ,MECH-1, S&H-1 (Documents available within the Department)	A	
86	Use of ICT in Governance	Online transactions for tuition 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	Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies in 2017-18	40 (proofs as per audit statement)	A	
90	Number of professional development / administrative training programs organized by the Institution for teaching and non-teaching staff in 2017-18	15 (Documents available within the Department)	A	

91	Percentage of teachers attended professional development programs(Orientation Program, Refresher Course, Short Term Course etc.,) in 2017-18	100%	A	
92	Funds / Grants received from non-government bodies, individuals, philanthropers in 2017-18	MBA-11.90.000/-	More funds/grants can be procured.	
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	

VII-INSTITUTIONAL VALUES AND BEST PRACTICES

96	Percentage of power requirement of the Institution met by the renewable energy sources	100 KW Solar Power 36.6% Reduction in Electricity bill. (proofs as bills)	A	
97	Waste Management steps taken	• 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	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.	More facilities can be provided. Lift can be provided for Divyangjan in the II Block (New)	

		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	
100	Green Practices (plastic free campus, green landscaping etc.,)			
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 2017-18 & Hard Copy of AQAR 2016-17 (should be available with the Principal)	College Activity Register is maintained	B	
	COLLEGE GRADING: **Good**			

Signature of the Assistant Director

Signature of the Principal
PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING
VIJAYAWADA-520 008

Signatures of Academic Advisors

1. G. Srinivas Rao.
2.
3.