



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution		Dr V.V.Rama Reddy
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08922241111
Mobile no.		9490304747
Registered Email		lendi_2008@yahoo.com
Alternate Email		siri_venkat@rediff.com
Address		Lendi Institute of Engineering & Technology, Jonnada(V), Denkada (M), Vizianagaram
City/Town		Vizianagaram
State/UT		Andhra Pradesh

Pincode	535005																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	K V NARASIMHAM																		
Phone no/Alternate Phone no.	08922241111																		
Mobile no.	9866278504																		
Registered Email	iqac.lendi@gmail.com																		
Alternate Email	narasimham_kv@yahoo.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://www.lendi.org/IOAC/AQAR2017-18.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.lendi.org/index.php?option=com_content&view=article&id=398&Itemid=1470																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.02</td> <td>2017</td> <td>08-Jun-2017</td> <td>08-Jun-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.02	2017	08-Jun-2017	08-Jun-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.02	2017	08-Jun-2017	08-Jun-2022														
6. Date of Establishment of IQAC	01-Jul-2016																		
7. Internal Quality Assurance System																			
<table border="1"> <tr> <td>Quality initiatives by IQAC during the year for promoting quality culture</td> </tr> </table>						Quality initiatives by IQAC during the year for promoting quality culture													
Quality initiatives by IQAC during the year for promoting quality culture																			

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
No Data Entered/Not Applicable!!!		
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. A Workshop on Outcome Based Education Frame Work Design, Implementation and Evaluation. 2. An Expert Talk on Blooms Taxonomy Preparation Quality Question Paper. 3. Academic Audit and Admirative Audit in various Departments. 4. Preparation for SelfAssessment Report of NBA for ECE. 5. A workshop on New NAAC Assessment and Accreditation Methodology.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Implementation of Outcome Based Education.	1. Curriculum Implemented in line with OBE. 2. The following are implemented:

	Value added Courses, Addon courses, Selfstudy topics in theory courses, mini projects, Employability skills Cocurricular and Extracurricular activities.
Preparation for NBA Accreditation for ECE department.	Preparation of SAR for ECE department.
Inclusion of College in UGC 2(f) and 12B section	Included of College in UGC 2(f) and 12B section
Monitoring and Evaluating the performance of teaching-learning activities	Students Feedbacks are taken on curriculum, Teaching learning process and Facilities.
Workshops and guest lectures will conducted on Outcome Based education and Blooms Taxonomy among faculty	1. A Workshop on Outcome Based Education Frame Work-Design, Implementation and Evaluation. 2. An Expert Talk on Blooms Taxonomy-Preparation Quality Question Paper. 3. A workshop on New NAAC Assessment and Accreditation Methodology.
Training for Internal Academic Auditors	Training for Internal Academic Auditors conducted for quality assessments of the all departments
Internal Academic Audit	Academic Audit and Administrative Audit conducted on all Departments.
External Academic Audit	Academic Audit and Administrative Audit conducted on all Departments.
Orientation programs on OBE and Course files to newly joined faculty.	Orientation programs on OBE and Course files were conducted for newly joined faculty.
Strengthening the quality of Curriculum	Various Seminars and workshops are conducted by experts from other reputed universities and Industry experts
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	19-Jan-2019
17. Does the Institution have Management Information System ?	Yes

<p>If yes, give a brief description and a list of modules currently operational (maximum 500 words)</p>	<p>The College has Management Information System namely ECAP software and it contains academic and administrative features. The main features are given below: i. Students Attendance, Time table, Marks, Fees, student profiles etc. ii. Faculty Attendance, Time table, daily attendance marking, faculty profiles etc iii. Communications etc. iv. Students and Faculty activities etc.</p>
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Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The institution has a mechanism for well-planned curriculum delivery and documentation. As the institution is affiliated with Jawaharlal Nehru Technological University, Kakinada (JNTUK), it adheres to the university academic calendar for the smooth conduction of regular academic activities. The department academic calendar is prepared in accordance with the same. The teaching and learning processes undertaken by the department include various instructional methods and pedagogical initiatives and are discussed below in detail ? Teaching Process a) Preparing the Lesson Plan: The lesson plan is a vital component to keep the teachers organized in conducting the class works accurately and provide easy access to the students. b) Providing Question Bank to students: Provision of question bank to students at the end of every unit helps them to prepare well for the examinations. c) Quality of laboratory experiments with regard to the conduct of experiments: students come to the laboratory well prepared and conduct laboratory experiments (in groups of three) by making effective usage of available equipment under the mentorship of faculty. • After completion of every experiment, viva-voce is conducted to assess the knowledge levels of the student relevant to that particular experiment. • Finally, an Internal Assessment test is conducted to award the final internal mark d) Encouraging Bright Students: As a part of encouraging bright students: • Advanced learners are encouraged to take up various certificate courses, take up choice-based Projects, and present papers in conferences/journals. • Institutional Entrepreneurship Development Cell (EDC) is set up to encourage advanced learners to become entrepreneurs. . Advanced learners are encouraged to attend lectures/Workshops (on advanced topics) outside the campus to enrich their knowledge levels.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Cambridge's BEC QAI's GETSHE	Business English	25/02/2019	2	Employability	LSRW GV Skills
Python programming	Skill development	15/12/2018	2	Employability	Coding skills

IoT Programming	Skill development	12/12/2018	3	Employability	Coding and hardware project development
IoT and Embedded systems Programming	Skill development	28/11/2018	3	Employability	Coding and hardware project development
NX CAD	Skill Development	23/07/2018	6	Employability	Drafting Skills, APSSDC
Turning NC programming	Skill Development	Nil	6	Employability	Manufacturing Skills APSSDC
Synchronous Modelling Parametric Design	Skill Development	Nil	6	Employability	Design Skills APSSDC
Milling NC Programming	Skill Development	Nil	6	Employability	Manufacturing Skills APSSDC
Manufacturing Welding Foundation	Skill Development	Nil	6	Employability	Manufacturing Skills APSSDC
Automotive 2 wheeler foundation	Skill Development	Nil	6	Employability	Design Manufacturing Skills APSSDC
NDT	Skill Development	Nil	6	Employability	Design and Testing Skills byTJL Technologies

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Computer Science and Engineering	01/06/2018
BTech	Electrical and Electronics Engineering	01/06/2018
BTech	Electronics and Communication Engineering	01/06/2018
BTech	Mechanical Engineering	01/06/2018

Mtech	Computer Science and Engineering	01/06/2018
Mtech	Embedded Systems & VLSI Design	01/06/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	276	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
An Introduction to Embedded Systems	11/06/2018	180
Basic Electrical Foundation Course	18/06/2018	30
CNC Turning Milling	26/11/2018	59
Embedded Systems Training	17/09/2018	71
English Certification BEC	25/02/2019	276
Essentials for NX Designer	02/07/2018	17
Full Stack Development	12/02/2019	50
Milling NC Control Programming	14/08/2018	22
Milling NC Part Programming	13/12/2018	46
NDT Training	04/03/2019	36
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Electronics and Communication Engineering	180
BTech	Mechanical Engineering	182
BTech	Computer Science and Engineering	266
BTech	Electrical and Electronics Engineering	269
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes

Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

Every semester feedback is collected online and offline for the overall development of the institution through the departments and online mode. The feedback analysis process: The feedback analysis process consists of the following steps: a. Feedback Collection Process: The teaching-learning system followed by an educational institution needs continuous refinement. To ensure this happens -the institution follows a well-defined feedback system of collecting feedback from different stakeholders like parents, students, faculty, graduate students, alumni students, and recruiters, etc. b. Feedback Assessment Process: The feedback assessment process is comprised of the following steps: 1. Feedback data is scrutinized at the department level by the HOD. 2. All parameters mentioned in the feedback forms are thoroughly analyzed and relevant feedback index percentages are calculated for each faculty concerning the respective subject. 3. Ability of teaching levels is identified to improve the teaching-learning process. 4. All observations specified by the students in the feedback process are taken care of by advising/counseling relevant subject/Laboratory faculty. 5. Based on the feedback levels, faculty are driven to know their strengths and weaknesses to further enhance their teaching skills. c. Corrective Measures System of Rewards: Faculty performing better are rewarded with a letter of appreciation and cash prizes on teacher's day (5th September) every year. The annual performance of faculty members is also one of the factors being considered at the time of providing annual increments. Corrective Measures: • After analyzing the feedback information by the HOD, Faculty who are performing below average are motivated to attend Faculty Development Programs within the campus and outside the campus in order to improve their quality of teaching. • If feedback is Poor (less than 60) - HOD and Principal Counsels staff to overcome the identified weakness. d. Indices for Measuring Quality of Teaching and Learning: The following parameters are used to ascertain the quality of the teaching and learning process. • Teaching Methodology • Technical Knowledge of faculty • Communication Skills of faculty • Punctuality and Timeliness • Classroom control • Student Evaluation process The above indices are meant to improve the Faculty Performance, teaching effectiveness, change the attitude of Faculty, appreciate the efforts of faculty, encourage interactive learning in the classroom environment, and finally ensure student satisfaction. Process of Summarising the Index Values: The process of ascertaining the quality of feedback on faculties is described below on all subjects. In the offline feedback process with Each Subject can be graded by the student as 1-Excellent, 2- good, 3-Average 4-Poor. e. Corrective Actions Initiated: Faculty members whose feedback grade is less were counseled by the Head of the Department continuously to improve their teaching abilities and enhance subject knowledge levels in order to make their teaching more effective. Faculty members are motivated to attend FDP's, STTP's, Workshops and Seminars, etc. Overall, the feedback collection, analysis, and corrective action mechanism adopted led to an overall improvement in the performance levels and quality of teaching levels thereby transforming the teaching-learning process into an effective one.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Electronics and Communication Engineering	180	170	170
BTech	Computer Science and Engineering	180	172	172
BTech	Electrical and Electronics Engineering	120	87	87
BTech	Mechanical Engineering	120	88	88
Mtech	Computer Science and Engineering	18	1	1
Mtech	Embedded Systems & VLSI Design	18	1	1
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2404	3	132	12	144

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
144	144	20	20	5	100

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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Lendi Institute of Engineering and technology has an effective mentoring system to guide and motivate every individual student for academic and professional development. The Mentoring system is mainly focussed on providing guidance to students in the following aspects: Professional guidance, Guidance for career advancement, Course-work specific and Laboratory specific guidance, and All-round development of students A. Professional Guidance: Professional Guidance at Department–Level Includes: i) Industrial Interactions: Industrial interaction programs are arranged once or twice in every semester with eminent persons from core industries to educate all the 2nd, 3rd and 4th-year students about the core engineering practices and advancements being followed in industries in order to bridge the academics and industry gaps. ii) Guest Lectures/ Seminars: By

resource persons from faculty within the institution as well as from outside premier educational institutions are arranged to educate the students of 2nd, 3rd, and 4th year about topics relevant to the curriculum and few advanced topics of interest. iii) Work Shops: Workshops relevant to specific technical concepts with incorporated hands-on experience are conducted once in every semester. Students are made to do various exercises as a part of attending workshops. iv) Faculty Counsellors: Every faculty member acts as a counselor for around 10 to 12 students. Faculty counselors educate students about building a professional career through attending various technical talks, seminars, group discussions, and interactive sessions relevant to technical advancements in industries. Faculty counselors continuously interact with other subject faculty to know about the academic progress of counseling students. v) Head of Department Interaction: Head of Department continuously counsels the students frequently by inquiring about the progress of every student from the respective faculty counselors, class in-charges, and other subject faculty, etc. B. Professional Guidance at Institution Level Includes i) Personality Development Programs: In order to enhance the characteristics like qualities, characteristics, attitudes, psychological traits, beliefs, and motives in each and every student of the institution, personality development programs are arranged once in every semester. ii) Industrial Interactions: Industrial interaction programs are organized by the Training and Placement cell once in every semester with eminent persons from industries. iii) Interaction by Head of the Institution: C. Guidance for Career Advancement: The Training and Placement (TP) Cell of the institution arranges various interactive sessions with people from industries and Alumni to train all students. D. Course Specific and Laboratory Specific Mentoring: Mentoring process by faculty includes guiding students with respect to the academic courses and laboratories. E. All-around development: Mentoring towards "All Round Development of students emphasize more on developing the technical knowledge base, communication skills, logical and analytical thinking abilities, ethical thinking and character development, etc. to transform them into all-round, successful, and competitive citizens of tomorrow. The Principal Head of the Department, Faculty counselor, Women Empowerment Cell are continuously interacting with students to motivate them about developing leadership and team working abilities. The Institution continuously encouraged and motivated the students to participate in various department level, institution level extra-curricular events in order to exhibit their inherent talents.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2407	144	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
144	130	14	14	17

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. D. Naresh Kumar	Associate Professor	Postdoctoral Fellowship from University of Quebec, Canada
2018	Dr. D. Naresh Kumar	Associate Professor	IEEE Senior member Grade Elevation in August 2019.
2018	Mr. S. Suresh Kumar	Assistant Professor	Best Mentor in Smart India Hackthon (2018-19) competition held at NIT Patna.

2018	Dr. D. Naresh Kumar	Associate Professor	Best researcher Award from JNTUK, Kakinada
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

a. Internal Question paper: i. Question paper for mid-examinations will be prepared by respective subject faculty to assess the student's knowledge levels, application abilities, and analytical skills. ii. All the semester mid-examination question papers are framed to achieve the specified course outcomes - in accordance with the revised Bloom's Taxonomy levels. iii. Two sets of question papers are prepared by respective subject faculty, one set will be selected by the Head of the Department. iv. Detailed answers and scheme of evaluation for the question paper for mid-examinations will be prepared by respective subject faculty. v. At the time of evaluation, concerned subject faculty clearly specifies any advice/suggestions for improvement in the comments section of the answer scripts. vi. Evaluated mid-examination answer scripts are distributed to ensure the students satisfaction of evaluation clearly specifying the comments in the answer scripts. vii. Further these answer scripts are verified by the IQAC to assess the quality of the evaluation advice for revaluation if required. viii. The quality of question paper analyzed by the departmental DAC and necessary suggestions will be given to the concerned faculty for continuous quality improvement, further, the Internal Academic Audit the institute level IQAC will verify the observations and actions taken by the department provides proper guidelines for the concerned faculty. b. Assignment Questions: Assignment questions (five from each unit) are given to the students based on the Course outcomes. The quality of the assignments is verified by IQAC and DAC. c. Project Evaluation: i. The PRC together with the projectguide evaluates the quality of the project by conducting periodical reviews. ii. Further the quality of every project can be ascertained by mapping its outcomes relevance to the PO's and PSO's of the program. iii. Every group of students is supposed to submit the project report (in accordance with the stipulated schedule) for evaluation by an external examiner nominated by the university. iv. Students are expected to present their work in front of the external examiner as a part of the external Viva-Voce examination. v. Based on the performance levels of every student, internal and external marks will be awarded.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

As the institution is affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK), it adheres to the university academic calendar for the smooth conduction of regular academic activities. The department academic calendar is prepared in accordance with the same. The academic calendars are placed on the website www.lendi.org/Academic_Calendar. It has a standard procedure to plan and develop curricular, co-curricular, and extracurricular activities. Dates

proposed by the university for commencement and conclusion of the semester, online examination are reflected in the department calendar and strictly followed. All departments prepare their academic calendar in accordance with the Universitys academic calendar. Various activities such as industrial visits, expert lectures, seminars/ workshops/ conferences, department social programs, etc are included in the department academic calendar. The teaching plan is prepared by each teacher which adheres to the academic calendar of the departments academics calendar.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

[Please visits the departments for POs/PSOs/CO in the institution website https://www.lendi.org](https://www.lendi.org)

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
EMVLSI	Mtech	Embedded Systems & VLSI Design	1	1	100
03	BTech	Mechanical Engineering	130	116	89.23
02	BTech	Electronics and Communication Engineering	134	115	85.81
05	BTech	Computer Science and Engineering	178	142	79.77
04	BTech	Electronics and Communication Engineering	181	164	90.6

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

www.lendi.org

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
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No Data Entered/Not Applicable !!!

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Hackathon on "Internet On Things"	Computer Science and Engineering	04/07/2018
Hackathon on IOT	Electronics and Communication Engineering	04/08/2018
Hackathon on IOT	Mechanical Engineering	04/07/2018
Ideas Discussion	Electronics and Communication Engineering	02/08/2018
Ideas Discussion	Mechanical Engineering	02/08/2018
National Wide Mental Wellness Workshop	Electronics and Communication Engineering	01/12/2018
National Wide Mental Wellness Workshop	Mechanical Engineering	01/12/2018
Orientation Program On Entrepreneur Skills	Computer Science and Engineering	03/07/2018
Orientation Programme On Entrepreneur Skills	Electronics and Communication Engineering	03/07/2018
Orientation Programme On Entrepreneur Skills	Mechanical Engineering	03/07/2018
Problemathon Ideathon	Electronics and Communication Engineering	05/08/2018
Problemathon Ideathon	Mechanical Engineering	05/08/2018
Problemthon Ideathon "Internet On Things"	Computer Science and Engineering	05/07/2018
TEKHACK-LIET In Collaboration with IBM	Computer Science and Engineering	27/12/2018

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Best Achiever	Vijay Kumar Varma, CSE	Lendi Institute Of Engineering And Technology	23/03/2019	Cash Prize:Rs.10000
Asymmetric and Symmetric modified bow-tie sloted circular patch antennas for circular polarization	Dr D Naresh Kumar	JNTUK Kakinada	01/04/2019	Best Researcher
Best Outgoing student	K Chanidini Priya CSE	Lendi Institute Of Engineering And	23/03/2019	Cash Prize:Rs.10000

Technology

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
	3000	7000

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Science and Engineering	10	1.70
International	Electrical and Electronics Engineering	30	4.18
International	Mechanical Engineering	2	1.32
International	Electronics and Communication Engineering	14	0
International	Science and humanities	4	0
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Science and Humanities	12
Mechanical Engineering	13
Computer Science and Engineering	1
Electrical and Electronics Engineering	1
Electronics and Communication Engineering	1
No file uploaded.	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	31	79	Nill	Nill
Presented papers	25	40	40	Nill
Resource persons	Nill	Nill	1	Nill
No file uploaded.				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Medical Camp (09.01.2019)	NSS	1	25
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Ch.Harsh Vardhini 14KD1A0426	Prathibha Awards	JNTUK	1
V.Narasinga Rao 15KD1A0257	Prathibha Awards	JNTUK	1
K.Bharath Kumar 15KD1A0341	Prathibha Awards	JNTUK	1
Youth Talk-20	First Prize	ICT Academy	1
Quiz Completion	First Prize	Future Hindustan Club	1
Quiz Completion	First Prize	GMRIT Rajam	1

Essay Writing Completion	First Prize	IE Vizianagaram local Centre	1
PPT on Future Technologies	Second Prize	Future Hindustan Club	1
PPT on Future Technologies	Second Prize	JNTUK UCEV Kakinada	3
No file uploaded.			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
swachh bharath (6-1-2019)	NSS	NSS Rally on Swachh Bharath	3	120
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Apply Volt Private Ltd	29/01/2019	Opportunity to collaborate with the industry for research programs, projects and student internships in the different fields.	43
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
103	78.76

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Existing
Classrooms with Wi-Fi OR LAN	Newly Added
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
EZ-Library	Fully	10.0.9.23	2011
ECAP	Fully	4	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	28953	2022398	2201	916945	31154	2939343
Reference Books	2851	1282950	84	21100	2935	1304050
Journals	67	16599	17	48950	84	65549
e-Journals	197	983502	199	844484	396	1827986
Library Automation	1	Nill	1	Nill	2	Nill
CD & Video	6	29871	Nill	Nill	6	29871
Digital Database	2	35786	1	13570	3	49356

e-Books	120	Nil	Nil	Nil	120	Nil
No file uploaded.						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	625	9	625	0	1	15	5	45	0
Added	0	0	0	0	0	0	0	55	0
Total	625	9	625	0	1	15	5	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
20.05	1.44	51.63	22.73

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The institution policy manual is available in the website with link <http://lendi.org/General/PMM.pdf>. Every year, resources are allocated both for maintenance and development depending on the requirement of each Department on a priority basis. Whenever a new equipment is bought, a stock register is maintained duly signed by the head of the department or laboratory in-charge. Any new book or equipment is purchased for library maintained the stock. Every department is provided a sufficient contingency amounts for the smooth maintenance of the labs, classrooms etc. The Head of the department upon utilization should provide the bills for the contingency amount spent so as to get the next year amount released by the principal. The institution has a separate purchase committee in the college and department level to monitor the

needs and requirements with respect to purchase of new equipment. The utilization certificate is to be produced at the end of the academic year.

<http://lendi.org/General/PMM.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Tuition fees Transport support	130	970800
Financial Support from Other Sources			
a) National	State Govt Fees fee Reimbursement	1349	48348200
b)International	00	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Remedial Coaching to Slow learners	12/11/2018	58	ECE Department of LIET
Yoga and Mediation	27/06/2018	127	Navachatinya Yoga Training Centre by A Sankar rao Visakhapatnam
Soft skill Development program	25/06/2018	177	English Department of LIET
Personal Counselling to the students	19/08/2018	37	Progressive Psychologists Association Vizianagaram Dr U V Suryanarayana
Personal Counselling of the Students(Mentor Mentee Program)	18/06/2018	538	ECE Department of LIET
Personal Counselling of the Students(Mentor Mentee Program)	18/06/2018	420	CSE Department of LIET
Personal Counselling of the Students(Mentor Mentee Program)	18/06/2018	390	EEE Department of LIET
Personal Counselling of the Students(Mentor Mentee Program)	18/06/2018	420	ME Department of LIET

Personal Counselling of the Students(Mentor Mentee Program)	10/09/2018	510	SH DEPARTMENT
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	CRT Training	600	600	460	389
2018	GATE	100	Nil	3	Nil
2018	GRE/TOFEL/IELTS	Nil	3	3	3
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	6
TOFEL	3
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Cultural Meet	Institutional Level	400
Sports Meet	Institutional Level	250
No file uploaded.		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Activity of Student Council representation of students on academic administrative bodies/committees of the institution is available in the website with link www.lendi.org. At department level class representatives (CR's) are elected at the starting of the academic year to act as point of contact between department and their classmates. They are responsible for student interaction and involvement in day to day activities. At college level, student clubs are promoted for the overall development of the students outside classroom environment. The institution has 4 student clubs(Lakshya, Dhruva, Taksh, Vidharthri) which are actively participating in seminars, conferences, cultural fests etc. At Institution level student union bodies are active and they participate in technical discussions and overall development of the college. Every department has a student member in every committee to participate in the discussions. IQAC advisory committee has one student representatives to involve themselves in the development of the college.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, Lendi Alumni Association, Registered in 2016, Reg. No 156 of 2017
 Objectives of LAA 1) To promote and foster mutually beneficial interaction between the Alumni and the present students of Lendi and between the Alumni themselves. 2) To extend the help to the students of Lendi Institute of Engineering and Technology for placement and industrial training. 3) To act as a bridge between college and the industries for interaction on new developments in different disciplines of engineering. 4) To encourage the formation of Chapters as a means to increase participation of Alumni. 5) To assist the college to promote RD activities, testing and consultancy. 6) To extend financial help to economically backward and deserving students in the form of scholarship for UG, PG and higher studies here and abroad. 7) To encourage the students from this college by awarding prizes to meritorious students showing bright performance in the field of education, sports and cultural. 8) To enrich the central library by donating books and also by subscribing journals in the field of engineering and technology. 9) To extend every possible help to the college authorities for overall progress of the institution. 10) To organize programmes on personality development, interview technique and leadership development, education in health science, yoga, literature, sports etc. 11) To

foster linkages amongst the alumni and promote personal and friendly relations through meetings and get-togethers, tours / trips etc. 12) To organize programs for the entertainment and enjoyment of the members of the Association 13) To promote literacy, cultural and other social activities by awareness programs, as adult education classes, lectures, essay competitions, exhibitions, symposiums, cultural programs, press conferences and seminars 14) To create awareness about important social issues and help develop a sense of national / social responsibility (through activities like medical camps including eye and blood donation camps, etc.) amongst alumni, students and the society, through various activities and means

5.4.2 – No. of enrolled Alumni:

1243

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

1. Mr. Dileep G, Senior Analyst, Edge Verve Technologies, 14 Passout of ECE conducted an event entitled 'the importance of Coding in obtaining the opportunities' 2. Mr. Mahesh Perla, Software Engineer, Girnar Soft, 12 Passout of CSE conducted an event entitled 'A Hackathon on Programming' 3. Ms. Sumalya G, Software Professional, Infosys, 14 Passout of ECE conducted a Session on the importance of Corporate Ethics.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The Institution encourages decentralization and autonomy of the departments with respect to the departmental activities. The Head of the Department conducts the departmental committee meeting in every month and discuss regarding the academic and administrative matters of the department. The curriculum implementation, outcome based education implementation, evaluation schedules and other related matters are monitoring and executing through various committees in the department. The department/Instructional research committee meets once in every month and discusses research activities and development of the department. The departments are preparing with annual budget which the Head of the department in consultation with the department advisory committee(DAC) for departmental activities. The Principals of institution conduct periodic review meetings with the Heads of the departments to ensure that the departments are functioning effectively. All decisions taken at the department level is informed to the Principal. The IQAC conducts two internal quality audits to identify the non-confirmative items with respect to processes and procedure, and to initiate corrective actions.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	1. The institution Organized workshops at the department level

involving experts from industry/research organizations for curriculum enrichment. 2. The Department Advisory Committee(DAC) is constituted with members from industry, expert faculty, and student representatives for a review of curriculum implementation. 3. Feedback mechanism is in place for continuous improvement. The feedback collected from students and alumni for curriculum and suggestions were placed in DAC and GB meetings. 4. High Priority is given to employability and value-based education.

Teaching and Learning

1. Industry engagement for the latest emerging technologies. 2. Departmental Academic Committee (AMC) to review class-wise academic progress from time to time and suggest remedial measures. 3. Adequate provisions are there in the curriculum to promote collaborative learning, self-learning, and interactive learning 4. Periodic academic audits. 5. Financial support and academic leave to attend FDP, Conferences, Workshops.

Examination and Evaluation

1. Audit for question paper quality assurance. 2. Assessment pattern for question paper design. 3. Re-evaluation by other senior persons to ensure the quality of evaluation

Research and Development

1. Introduction of Faculty incentives to encourage research and development. 2. Financial support and paid leaves for attending the course work of Ph.D. 3. Faculty engagement in taking real-time industry-oriented research projects. 4. Organize National/International Conferences and Workshops. 5. Appending/Upgrading infrastructural facilities for research and development to 2. augment postgraduate and doctoral-level studies. 3. 6. Faculty engagement in taking real-time industry-oriented research projects.

Library, ICT and Physical Infrastructure / Instrumentation

1. The printed books, national and international journals on various subjects of reputed publishers to enhance the advanced knowledge and skills of students and faculty. 2. The commutative entrance books, magazines, newspapers, placement, and personality development books for updating their knowledge. 3. The e-resources of e-

journals, e-books, video lectures (like NPTEL), audio lectures of the various publisher are made available in the Digital Library for effective teaching-learning process. 4. The Learning materials, Previous Question Papers, Project Reports of all departments are made available in the Central Library and Department libraries. 5. The e-contents of the web: <http://ndl.iitkgp.ac.in> is extensively used in the regular teaching-learning process. 6. DELNET Facility is available in the central library. 7. Virtual labs (<http://vlab.co.in/>) in physics, other sciences and engineering subjects are used to enthuse students to conduct experiments by arousing their curiosity. 8. Multimedia animated lectures and Prototype models are used to teach the various subjects like ED, Machine design etc., for effective interpretation and understanding of the content.

Human Resource Management	1. Transparent Lendi HR policies and procedures for the welfare of the employees. 2. Well-structured annual faculty appraisal system for all employees. 2. Maintaining faculty-student ratio as per the norms. 3. Well defined internal promotion policy for career advancement of the faculty. 4. Training programs for skill development and personality development of employees. 5. Providing Group Insurance for staff and family.
Industry Interaction / Collaboration	1. MoUs for full semester internship and summer internship. 2. MoUs for industrial research and training. 3. MoUs for academic collaborations viz. Curriculum implementation design, delivery, and assessment.
Admission of Students	Promotional incentives for quality admissions viz. Tuition hostel fee concession.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	Ecap software is implemented for planning and development.
Administration	Ecap software is implemented for entire administration activities and filing system.
Finance and Accounts	TALLY software and Ecap software are using for finance and accounts.

Student Admission and Support	Ecap software is using for students data management
Examination	Examinations are conducting through JNTUK online portal.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
22	Nill	4	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Medicclaim, Provident fund	Medicclaim, Provident fund	Medicclaim,

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Yes. A separate accountant is appointed to take care of the finances. The accounts of the institution are regularly auditing through an external Chartered accountant (Manohar Chowdary and associates) and it is the file to the income tax department and the internal Auditing by the college representative. The

auditing reports are placed in the website with link
www.lendi.org/auditedstatements.zip.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	0
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	IQAC	Yes	University professor
Administrative	Yes	IQAC	Yes	Chartered Accounts, Visakhapatnam

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. 1st Mid Performance and Result Analysis of 2nd Semester results parents meeting is conducted. 2. 1st Sem analysis and activities conducted in the college for the overall development of the students parents meeting is conducted. 2. 2nd Sem before final Exams discussed about placement activities in the college parents meeting is conducted . 3. The parents are periodically apprised about the department activities through students and mails. 4. The feedback back from parents various academic and non academic activities are collected and analyzed. 5. The orientation programmes are organized in the college for which the parents are also invited atthe starting of the academic year. 6. The Institution belies and maintains a holistic relationship between teachers and parents which can improve the quality of education and it adopts several initiatives in this direction. 7. The HODs, Faculty representatives are interacting with the parents through mobile on regular basis.

6.5.3 – Development programmes for support staff (at least three)

1. Microprocessor Interfacing by Mr. B, Hemanth Nag and Mr. S. Suresh Participants are ECE and EEE supporting staff - 6 Days in Summer Holidays May 21st -26th 2018 2. VLSI - Layout design and Routing by Mr. V. Nancharaiah and Dr. S. Sridhar Participants are - ECE supporting staff - 6 Days in the Semester gap Nov 10th -24th 2019 3. Embedded IoT Training by Ranadheer, TechMeet Solutions and Venkat Reddy Tech Team Solutions in may 6th -11th 2019

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1.Project based learning 2. Conducting Value added courses to the students in the Academic curriculum 3. Implementing peer group learning methodology in the class room 4. Introducing innovative idea club and its activity 5. One to one Counselling the slow learners and motivating towards Academics 6. Introducing simulation methodology for laboratory experiments

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	A Workshop on Outcome Based Education Frame Work-Design, Implementation and Evaluation.	04/06/2018	04/06/2018	04/06/2018	120
2018	An Expert Talk on Blooms Taxonomy-Preparation Quality Question Paper.	18/06/2018	18/06/2018	18/06/2018	115
2018	A workshop on New NAAC Assessment and Accreditation Methodology	01/01/2019	01/01/2019	01/01/2019	130
2018	Training for Internal Academic Auditors conducted for quality assessments of the all departments	02/11/2018	02/11/2018	02/11/2018	6
2018	Academic Audit and Administrative Audit conducted on all Departments	28/01/2019	28/01/2019	28/01/2019	6
2019	Academic Audit and Administrative Audit conducted on all	23/02/2019	23/02/2019	23/02/2019	4

	Departments				
2018	Orientation programs on OBE and Course files	07/07/2018	07/07/2018	07/07/2018	110
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
'She builds India' an initiative to empower woman spirits.	12/08/2018	12/08/2018	150	50
Sensitization of Women for Blood Donation	01/10/2018	01/10/2018	250	25
Gender sensitization a need of the Hour on International Women's Day	08/03/2019	08/03/2019	450	100
LLR Mela for Young Drivers	12/12/2018	12/12/2018	200	275
Awareness on the importance Banking and its educational support Services for Freshers	23/01/2019	23/01/2019	150	300
Anti Ragging Awareness	10/08/2018	10/08/2018	136	350
Road Safety Techniques and Usage of Helmet	10/02/2019	10/02/2019	120	300
Brahma Kumarki Yuva Vikas Yatra	31/08/2018	31/08/2018	175	200
Talk On Abroad Education By Charles Chuck Petentler Of University Of	08/08/2018	08/08/2018	110	180

Central Missouri Of Warrensburg, Us				
Workshop On Promoting Organ Donation Programm	04/08/2018	04/08/2018	180	250
One Day Rj Programm Conducted By Radio City 91.1	13/08/2018	13/08/2018	120	170
My Dreams - An Induction To First Years By Raj Kumar Sabbithi Recruitment Head Apps Associates	01/09/2018	01/09/2018	280	300
Hindu Future India Club Challenge An Inter Collegeiate Competition	20/09/2018	20/09/2018	25	36
A Series Of Invited Talk On Leadership Skills In Surviving & Modern Times	28/09/2018	28/09/2018	280	320
Voter Enrolment Activity	18/09/2018	18/09/2018	160	250
Lendi Planitation Programm From Dist. Collector Hari Jawahar Lal	03/11/2018	03/11/2018	250	320
Women Safety Fortnight Awareness Programm With Smt. Nannapaneni Raja Kumari	07/12/2018	07/12/2018	360	200
One Day Workshop On Abroad Studies In Assocation With Edwise, Nec & British Council	15/12/2018	15/12/2018	120	175

Youth Parliament Selections By Setviz	27/12/2018	27/12/2018	36	57
Wokshop On Abroad Education From Ielts	22/02/2019	22/02/2019	80	125
Gender equality by Sabitha Joseph HR	24/07/2018	24/07/2018	167	128
Women Empowerment and Equal opportunities By Swathi	23/08/2018	23/08/2018	289	Nill
Yoga Day	21/06/2018	21/06/2018	60	120
Women Entrepreneurship, An awareness program on Women Start-up by Mrs. D.Rajeswari, Asst. Prof. In Management, LIET. (Shared her experiences of Bootcamp Program, NSRCEL, IIMB).	14/07/2018	14/07/2018	100	Nill
Health awareness Program: Organised Fruit Day by all Branches	03/12/2018	03/12/2018	500	Nill
Sankranthi Sambaralu	11/01/2019	12/01/2019	500	200
Women's Day Celebrations	08/03/2019	08/03/2019	500	Nill

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

Environmental Consciousness and Sustainability: The Institution organized various Environmental Awareness programs to build Environmental Consciousness and Sustainability among the students, staff, and society. The details 1. World Environmental Day was celebrated on the campus and created awareness among the students and conducted plantation in the college campus on June 5th 2018. 2. Conducted quiz on Impacts of deforestation on rainfall on 3rd November 2018. Distributed the saplings through the Honourable Vizianagaram District Collector Mr. Hari Jawahar, District Forest Officer Mr. Janaki Rao. 3. Conducted awareness to the students as a part of World Forest Day March 21st 2019 and

World Water Day March 2019. Alternate Energy Initiatives: 1. The institution has a 200KW solar power plant and it produced 80 Percentage of the power requirement of the College met by renewable energy sources(solar energy) with the production of 264400 units in the year 2018-19.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2404
Provision for lift	Yes	2404
Ramp/Rails	Yes	2404
Braille Software/facilities	No	Nil
Rest Rooms	Yes	2404
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	04/01/2019	6	Organization of Health Camp at Duvvupeta	Health Hygiene	150
2018	1	1	09/01/2019	6	Awareness on Digital Services	Digital Banking Other Services	145
No file uploaded.							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
A Hand book Code of conduct on Human Values and Professional Ethics	02/07/2018	A Hand book Code of conduct on Human Values and Professional Ethics prepared for all students, Faculty and parents. It is circulated to all stakeholders and it is displayed in the website. This book address various issues on Human values and

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Brahma Kumarki Yuva Vikas Yatra	31/08/2018	31/08/2018	375
'Values and Ethics from the point of various characters of Ramayana' A Talk by Swami Gunesananda RK Mission, Vizag	31/12/2018	31/12/2018	380
Ethical Leadership by V V Lakshminarayana	04/03/2019	04/03/2019	560
Youth of India Future of India by Ajay Kallam	14/08/2018	14/08/2018	475
'Self confidence is the Key for success' a Talk by Dr Hari Jawaharlal, Dist Collector, VZM	29/09/2018	29/09/2018	612
'Art of Living the Need of the Hour' A Talk made by Dr P.V. Sudhakar, Principal, Andhra Medical College, Vizag	04/03/2019	04/03/2019	582
'Ethical Attitude and Self Confidence are the key factors for opportunities' a Talk made by N. P. Dubey, Joint Director, Software Technology Park of India.	07/03/2019	07/03/2019	447
Yoga Day	27/06/2018	27/06/2018	286
Spiritual Talk, Ramakrishna Mission - Guneshananda	23/08/2018	23/08/2018	569
Spiritual Talk, Maha Sraman Maharaj from Jain Community	26/04/2018	26/04/2019	348
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Optimum Consumption and utilization of energy in the campus as an activity of Energy Saving Club.

2. Service records pertaining to waste materials/condemned equipment are maintained regularly. Sustainability principles, practices, and Environmental Studies are integrated into the Curriculum.

3. The NSS team is striving continuously to maintain an eco-friendly green environment in the campus as well as nearby villages by adopting them and conducting some awareness programs.

4. A continuously greenery monitoring is in the place

5. In order to conserve Rain water, Rain water harvesting pits have been constructed in the college premises.

6. Landscaping done across the campus for beautification and eco friendliness

7. Pollution Free campus is created through No Usage Of Plastic, Swachh Bharat (Clean And Green) programs organized, Tree Plantation programs and an indoor plantation nearby the Classroom eco-friendliness has been done to create awareness among the students regarding the importance of air-purifying plants. Charts are displayed on importance of plantation.

8. The campus eco-friendly system is created through the Energy Saving club, Solar Power plant 200KW, LED street lights are being used as a power conservative initiative.

9. Created awareness regarding the pollution caused during Vinayaka chaviti because of using plaster of paris idols on 12th September 2018. In this regard, distributed clay idols conducted painting competition, poster presentation, and live sample display and plantation program among the students.

10. Solid Waste Management in the College: Canteen Food Waste i.e. Vegetable waste and remains of food waste is used to prepare compost. All dry program presentations competition waste like paper material is sent to the recycling centers.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice - I Title: "Encouragement to Faculty for Pursuing Ph. D and Research Publications" Goal of this practice: The institution encourages faculty to pursue their Ph.Ds at institutes of repute by giving financial assistance and academic leaves to overcome scarcity of faculty having doctoral degrees. This has resulted in cultivating research culture, quality publications and enhanced teaching learning process. The main objective of this practice is to motivate the faculty for active involvement in research and to contribute for the overall development of the institution. The Context: In the initial stages of the Institution, there was a dearth of faculty having Doctoral Degrees. The Practice: ? Encouraging faculty to register for Ph.D Programs at reputed institutes like IITs, NITs, Government Universities etc. ? For Registered candidates, the Institution provides Academic leaves with financial assistance for attending Ph.D course work. ? Academic Leaves are sanctioned time to time for carrying out research discussions. ? Sponsoring faculty members to various Workshops, National and International Conferences/Seminars in India and Abroad by providing necessary support. ? At the submission stage of Ph.D, an academic leave is sanctioned up to six months. ? After acquiring the Ph.D degrees a substantial hike is given in the pay package. ? Incentives for Research Publications in Reputed Journals. ? In-house research funding is provided for the promotion of RD. Evidence of Success: After exercising this practice, the number of Ph.Ds are increased from One to 16 and 36 faculty are pursuing Ph.D. S.No Details 1 75 Faculty Registered for Ph.D Programs/Ph.D Awarded 2 The Faculty availed/availling Academic Leaves for Ph.D course work 3 Maximum member of Faculty participated in Workshops/Conferences/Seminars 4 Th Faculty availed/availling Academic Leaves

for research discussions 5 The Faculty availed/availed Academic leave at the submission stage of Ph.D 6 More Number of Research Publications are increased in the last four years Problems Encountered Resources Required: 1. The major problem encountered is the pre requisite of minimum experience to register for Ph.D. 2. Limited number of seats available in the universities to register. 3.

Additional budget allocation in order to meet the expenses during the implementation of this practice. Best Practice II Title: "Skill enhancement through Mentoring System to develop Social relevance projects" Goal of this Practice: Goal of this practice includes motivating the students to enhance their knowledge and skill levels through mentoring system, in turn to develop social relevance projects that enable them to become industry ready. The

Context: Most of the students joining our institution hail from rural background and from vernacular medium of study. It has become a major challenge

to transform them into self sustained engineers. The Practice: Various activities under this practice are: i) A teacher-student adoption is to drive the performers towards excellence and slow learners to reach the minimum qualifying level. ii) Students are mentored to maintain good track record of academics by encouraging them to be abreast of latest technological developments. iii) Imparting practical exposure to students in latest

technologies by arranging industrial visits/in-plant trainings. iv) Conducting workshops, guest lectures and seminars by eminent academicians from premier institutions and Industry Experts. v) In order to transform students into tomorrow's potential leaders of the society, various personality development and soft skill training programs are conducted. vi) A continuous encouragement for students to come up with innovative ideas related to societal issues. vii) Students are allowed to share their ideas with outside world by allowing them to present papers at various National / International conferences. Evidence of

Success: As a result of this practice, a discernible positive change has been observed in the morale of the students in addition to few of the outcomes listed below: ? More than 85 of pass percentage is maintained consistently. ?

Social relevance projects like mini agriculture harvester, Smart Gamela, GSM Based Solar Irrigation System, Wastebin Monitoring System using GSM Technology,

Suraksha App for Women Protection, Multi Nut remover and tightener, Power assisted screw jack, Swing Electric Power Generation, Manual Plough, Solar Car (under construction). ? Acquisition of skill enablement and consistent increase

in the placement track is profoundly observed. Problems Encountered: As technologies are rapidly changing, it has become difficult for the institution to incorporate all those rapid changes in the process of skill development.

Resources Required: Provision is made in the Budgetary Allocations to arrange training programs. Best Practice III Education through Community Service Goal

of this Practice: Encouraging the students to involve in community service for inculcating social responsibility, leadership and organizational skills among them. The Context As the Institution is at a modest rural setting, students are expected to address the community problems like alcoholism, illiteracy, child

labour, Open Defecation, Child Marriages etc in order to inculcate social responsibility. The Practice To inculcate the social responsibility, leadership and organizational skill among students, following are some of the practices: ?

The Institution has adopted a few villages nearby campus for rural development by addressing the problems with technological solutions. ? Several social

service camps are organized periodically in the adopted villages by involving students to understand the ethos of rural life and its problems through

surveys. ? Visiting Orphanages, Oldage Homes is a regular practice to inculcate human values. ? Plantation, Blood Donation Camps, Rain Harvesting Pits, Health

Camps and Awareness Rallies on various social stigmas. ? As part of Digital India, activities on e-banking, internet usage, Aadhaar and Vote Franchise enrolment are taken place. ? Skill development Programmes like House Wiring,

Fan Winding, Computer Literacy are conducted. ? As part of Swachh Bharath initiative, awareness on problems of Open Defecation, clean and green

programmes are conducted. ? Fund raising activities like fund for eradication of Polio, establishment of Library at D. Tallavalasa village. Evidence of Success The following are some of the appreciations are for activities undertaken: ? An Appreciation from District collector Vizainagaram as Best Institution for conducting Blood donation camps. ? Best Institution award from JNTUK for conducting service camps in the villages . ? An Appreciation Certificate from District Collector for the committed service rendered in Sankranthi Sambaraalu. ? An Appreciation Certificate from District Collector for the committed service rendered in Vizianagara Utsavaalu. ? An appreciation certificate is given by Govt. of AP to Akulapeta Village a hamlet of our adopted village D. Tallavalasa for the initiatives of Open Defecation Free Problems Encountered ? Initially, a resistance is found among villagers in accepting the students to serve them. Later after the students heartfelt involvement made them to unite both the counterparts to have mutual benefits. Resources The Management itself has met the financial needs for the attainment of the goals in this practice as a social responsibility. Sometimes, the students and staff of the Institution have also come forward to support the wise mission of management.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.lendi.org>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

1. The Institution is more focusing on communication and empowerment of rural youth through skill development because it is located in the rural area. 2. The institution is giving more importance on counselling and personal care of the student for the overall development of the student. 3. The institution is contributing significantly through research in humanities, science and technology, engineering and management. 4. The institution has identified the need for world class research and as one of its best practise has formulated multi-disciplinary research teams to promote quality research in the institution through creating modern research infrastructure.

Provide the weblink of the institution

<https://www.lendi.org>

8.Future Plans of Actions for Next Academic Year

1. Autonomous Status 2. Research centers 3. NBA Accreditation for ECE (UG) Program 4. Effective Implementation Outcome Based Education. 5. Implementation of Skill Based courses 6. More Focus on Research and Developments 7. Establishment of Industry sponsored Labs