



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

LINGAYAS INSTITUTE OF MANAGEMENT AND TECHNOLOGY

VIVEKA NAGAR, MADALAVARIGUDEM, VIA NUNNA

521212

www.limat.edu.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Lingayas Institute of Management and Technology (LIMAT) is a non-profit organization established under the flagship of Sri Viveka Educational Society in 2008 by a visionary leader and founder **Sri Gadde Vijay Kumar Sinha**.

LIMAT campus is situated in Lush green mango orchid spread over in 15 acres land and over 2.5 lakhs sq. ft constructed building to house all facilities required for correct environment to get the best out of students.

LIMAT is a private Self-financing institution approved by AICTE, New Delhi and the Government of Andhra Pradesh. The institution is temporarily affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK). The institution started initially with 4 UG programmes with total 240 intake of 60 during the academic year 2008-2009. Today, the institution offers 5 UG programmes with a sanctioned intake of 420 students. The institution introduced 2 new UG programmes Artificial Intelligence & Machine Learning, Artificial Intelligence & Data Science from the academic year 2021–22 which are producing highly competent technical professionals. Department of CSE is accredited by NBA in 2022. The institution presently offers 5 PG programmes namely MTech in Computer Science & Engineering, AI&DS, Embedded Systems, Structural Engineering with a sanctioned intake of 18 each, and Master of Business Administration having 120 intake. The institute has well qualified and experienced faculty. The faculty is encouraged to update their knowledge and pursue higher degrees. The institution strives to provide quality education that encompasses sustainable holistic development thereby enhancing the career prospects as well as life skills of the students. Every department organizes seminars on higher education and workshops. To foster professional attitudes and behaviours, institute organizes personality development and soft skills training programs. Aligning to the latest developments in the engineering sector, the faculty members are motivated to participate in Faculty Development Programs, conferences, workshops, seminars and adopt innovative teaching techniques using the digital technology platforms like Virtual Labs and online teaching. The college emphasizes on the importance of inculcation of human values and motivates its staff members and students to participate in social activities being organized by NSS.

Vision

To nurture and impart high quality technical education to the young engineers imbining the globally competent skills, embedding the wisdom of socially adept and professionally deft in pioneering the nation's pride.

Mission

- To impart cognizant knowledge, adequate technical and soft skills to the learners.
- To create conducive ambience that excel teaching and learning process.
- To prepare knowledgeable, vibrant, and creative attitudes that contribute to the advancement of engineering and technology.
- To inculcate positive thinking and contribute to build the society to cater the real-time needs.
- To ensure better industry institution interaction and focus on emerging technology trends and research

at global level for better quality of life.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Recipient of “India's Most Trusted Education Award” and “India's Education Excellence Award” by Berkshire Media Pvt Ltd, USA
- Continuous and consistent encouragement of full-fledge support from the Management to take up faculty development initiatives.
- Visionary management who supports everywhere in the administration to give a quality education with human touch.
- Automated system in the library is incorporated for distribution of books. Journals and other resources such as e-services are also upgraded. Digital Library is provided for easy access of information.
- Great focus on holistic development of students that goes beyond mere classroom teaching and also in encouraging them to be active participants in social work and community development activities.
- Actively functioning cells like IQAC, Educational Development Division (EDD), Instruction Division (ID), Intellectual Property Rights Cell (IPRC), Industry-Institute Interaction Cell (IIIC), Internal Complaint Committee (ICC), Grievance Redressal Committee (GRC) and Research & Development Cell (R&D) to foster a spirit of innovation and entrepreneurship.
- Academic excellence enhanced by proficient faculty members having PHD doctorates and supported by strong and excellent infrastructure.
- Administrative autonomy that supports the continuous growth of the institution.
- The institute has Memorandum of Understanding (MoU) with various organizations that include APSSDC, Viraj Constructions, BitLabs, Arc Infra, Siec etc.
- Arrangement of transport facility to students and faculty from nearby towns and villages.
- Internal Quality Assurance Cell (IQAC) formed to ensure quality in teaching learning process through Academic & Administrative Audits.
- Effective mentoring system for close monitoring and counselling with mentor-mentee ratio of 1: 15.
- Student Welfare Division (SWD) constituted to facilitate co-curricular and extension/outreach activities.
- Faculty & Staff Welfare activities, support, festival advances and grant of special leaves for emergency cases, encouragement towards research.

Institutional Weakness

- As it is affiliated college, limited chances for autonomy in syllabus framing
- Required more strengthening to departments to receive recognition as research centres
- Motivation required to the students towards IPR through projects.
- Involvement of the alumni in the overall development of the college is minimal.
- The institute has yet to focus to receive funded projects, standard publications, patents and consultancy
- Students from rural areas at their entry level struggle to meet global standards due to the lack of communication skills in English.
- Lack of enthusiasm even among meritorious students to pursue higher studies.

Institutional Opportunity

- The academic and administrative re-structuring is to be practiced utilizing eminent teachers as academicians and administrators to reform through the policy time-time.
- The institute is regularly organizing various online & offline development programs for the benefit of the faculty and students through seminars, workshops, conferences, symposiums, and student meets.
- Many opportunities for collaboration with both established and start-up companies for enhancing
- experiential learning, internships, and placements.
- The faculty and students are provided opportunity to attend guest lectures, training programmes and interaction with eminent personalities from industries nearby.

Institutional Challenge

- To upgrade the institution to secure autonomous status.
- To be recognized as Potential for Excellence by UGC
- To receive Research grants from external agencies
- To promote Innovative teaching pedagogy on par with global standards.
- To Meet 100% placements in both Core and software industries

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

LIMAT follows the curriculum prescribed by the JNTUK. The University publishes the academic calendar for both the semesters prior to the commencement of the class work for an academic year. The academic calendar provides date of commencement of academic session, duration of the semester, period of internal assessment tests, final semester exams. An Academic Committee (AC) is constituted every year comprising of all the heads of departments as its members headed by the Principal. The AC discusses the scheme and syllabi and prepares institutional calendar for the better implementation of university curriculum. The heads of the departments allocate subjects to faculty by considering the qualification and specialization. The faculty prepare course handout with teaching plan in detail based on topic intensity and time constraint for the semester. The preparation of such a plan helps with effective distribution of syllabus, clarity of curriculum and timely completion of the course.

The institute practices Outcome Based Education (OBE) and audits the performance of each student through the calculate CO-PO attainments and takes necessary corrective/suggestive measures for further improvement semester to semester. A special division named Instruction Division (ID) has formed to carry out all these academic activities time to time.

Apart from traditional chalk and talk methods, teachers are encouraged to impart the curriculum through innovative teaching methods such as presentations, assignments, group discussions, seminars, industrial visits and projects. Students are encouraged to enrol for relevant certificate/Value added courses to reinforce their placement opportunities.

Students are encouraged for internship and as a part of their academic projects, students are encouraged to focus and find solutions for societal challenging problems. Mandatory and audited courses like Environmental Science, Professional Ethics and Human Values, and Intellectual Property Rights are imparted to students as per JNTUK curriculum. All the programs offer elective courses. The institution collects feedback twice per semester from the students regarding the performance of teachers and course delivery. Feedback from all stakeholders on curriculum that is, from students, faculty, parents, alumni is collected. It is analysed and the inputs are used for subsequent year planning for better performance of the students.

Teaching-learning and Evaluation

LIMAT is fully aware that the students have a variety of educational backgrounds and learning styles. The institute is aware of the necessity to offer cutting-edge equipment, particularly in light of the current generation of students who are technological natives. According to government regulations, admissions are made through the AP-EAMCET, ECET for undergrads, GATE, AP-PGCET, and AP-ICET for graduate students. According to AICTE, New Delhi, the faculty-to-student ratio is maintained. The academic calendar guides how the faculty creates the class schedules. The faculty keeps a copy of the syllabus, a list of the course's goals and outcomes, notes, question papers with answers, sample answer scripts, and CO attainments in a course file.

The instructional materials and approaches include Chalk & Talk, PPTs, NPTEL Videos, Seminars, Workshops, Presentations, Quizzes, Group Discussions, Debates, and ICT resources. The institution uses student-centered instructional methodologies like problem-solving, experiential, and participatory learning. All teachers of the institute have access to Wi-Fi. In the library, all students and faculty members have access to e-resources such e-books, e-journals, and DELNET, NDL, and NPTEL video courses. Mentorships are a crucial part of the formal educational system's teaching and learning procedures. Every student has a mentor assigned to them for guidance and supervision. Soft skills training and placement training are given particular attention. To improve student learning, frequent events like guest lectures, field trips, internships, and industrial tours are planned.

The institute has a practice of identifying distinct learning styles and learning capacities of the students. For slow learners, remedial, make-up, and revision classes are offered. To increase the students' interest in the material, the faculty also organises a variety of active learning strategies for each topic during the lesson plan. Advanced learners receive additional study materials, coaching, and preparation for the GATE, competitive exams, and other advanced technology training sessions. Faculty who advance their education, go to conferences, workshops, and seminars, and publish papers in reputable journals are given financial support. Exams and evaluation processes are conducted in a transparent manner. Internal examinations are carried out in accordance with JNTUK norms. The weighting of the internal evaluation marks is based on guidelines established by the university.

Research, Innovations and Extension

To promote the publication of research articles, projects, and consulting, LIMAT formed a Research & Development Division after realising the value of such endeavours. To close the technological gap between industry and academia, the division supplies technical need and equipment on campus. To enhance institute-industry connection and give staff and students a platform to obtain practical experience with cutting-edge technology, LIMAT established the Industry Institute Interaction Cell. There is a research committee at the institute made up of senior academic members who done PHD and doing research. The college has held

seminars, workshops, and Faculty development programmes throughout the past five years. Nearly all members of the teaching staff have attended orientation and retraining sessions. Many faculty routinely participate in seminars and workshops and publish their research in peer-reviewed journals.

The institution has an extensive and well-stocked library to support research activity. To support scholarly work in multidisciplinary and cross-disciplinary fields, the library subscribes to research journals, magazines, and electronic publications. The library also offers databases and application software. The faculty makes the best use of the library's resources for their research. Through the NSS throughout the past five years, 43 extension and outreach programmes have been carried out in partnership with business, the community, and non-governmental organisations. In the last five years, nearly 3,535 students have participated in extension activities that have been carried out in association with business, the local community, and non-governmental organisations, such as Swachh Bharat, gender sensitization, and other social issues. The college has operational memorandums of understanding to provide students fieldwork and internships. The R&D unit holds FDPs on High-Quality Research, High-Quality Projects, and Project Publication is Made Mandatory from Undergraduate Level. Few professors have received National Best research awards for their excellent research achievements.

Infrastructure and Learning Resources

The institution has the necessary classrooms, tutorial rooms, labs, seminar halls, libraries, and computing resources for teaching and learning in accordance with AICTE and JNTUK, Kakinada norms. The institution allots enough money for building and maintaining labs with educational tools like ICT-equipped classrooms. infrastructure with modern workshops and laboratories. The institution has the university-required domain-centric laboratories. The institute features a central library that is nicely furnished. It keeps all the books and periodicals up to AICTE norms. All resources can be accessed digitally by teachers and students. It has a reprographics facility, as well. The institute offers amenities like a gym, open fields for outdoor recreation, and competent physical director supervision.

Students are encouraged to sports & cultural activities to compete at the state, national, and intercollegiate levels as well as at the college level. As part of the Student Welfare Division, departments offer both technical and non-technical events to help students develop their proficiency. In accordance with industry standards, the institute offers sufficient ICT resources and student computer ratios for efficient teaching and learning. A LAN with an internet connection has 381 systems connected. Wi-Fi is available across the entire campus, including the departments, staff rooms, library, and offices. Students can improve their skills in CRT programmes by taking online quizzes and classes. It is possible to access the course materials for the NPTEL (National Program on Technology Enhanced Learning), a project of the IIT and IISc that is supported by the AICTE.

A maintenance crew under the administrative officer's supervision that keeps track of playgrounds, libraries, labs, and classrooms. To address the needs of the entire campus, a RO mineral water plant with a 1000-liter storage capacity is also made accessible. Maintenance and use of the infrastructures for academic, co-curricular, extracurricular, and other basic amenities are carried out according to well-planned procedures.

Student Support and Progression

Since students are the main stakeholders, LIMAT demonstrates the utmost concern for the general growth and progression of students. The institute aids make students' time on campus productive, to enhance their learning there, and to clear a path that fits with their objectives and motivations. When they first arrive at the college,

students are offered a three-week induction programme. This programme includes modules on the minimum requirements for attendance and credits at the institute, campus rules and regulations, anti-ragging, anti-drug, health, and yoga best practises, career opportunities, various job roles and skills needed, and specialised training and certification programmes offered in the college. The students are offered a wide range of support services.

Bridge courses, soft skills, life skills, yoga, and ICT programmes are just a few of the services offered. Other services include tutorials, make-up classes, foundational skill programmes for slow learners, and advanced skill-based certification programmes for fast learners. In the second year, the students receive instruction on ICT tools, a description of the department's add-on and certification programmes, as well as an overview of online courses like MOOCS, SWAYAM, their advantages. The cell responsible for training and placement organises and performs a variety of orientation events for students studying abroad, as well as career counselling, training programmes, and placements.

The T&P cell provides preparation for competitive exams for pre-final and final-year students as well as training for admittance into higher education programmes. As part of numerous national day celebrations, college annual day, and techno culture fests, the institute hosts a variety of literary, extracurricular, game, and sports events. The students have a key role in both participating and planning these events. The Student Welfare Division actively participate in carrying out a variety of activities on a regular basis. Alumni are crucial for inspiring students, educating them on business practises and trends, and helping to shape additional training programmes on campus to suit industry demands.

Governance, Leadership and Management

The college's mission is clearly stated to fulfil its objective of achieving excellence in technical education. According to the institution's vision and mission, the departments have developed their own. Stakeholder participation helps to create a learning environment that is in line with the institute's values, vision, and mission. Under the strong direction of the Director, principal, the academic policies, rules, and regulations for the various programmes offered by the institute are developed. Decentralization and participatory management are techniques that the institute supports since they advance its vision and goal. The institute's decentralised organisational structure offers opportunities for leadership development, fostering a positive work environment, and growth of organization.

The decentralization reflects in various functional bodies like Management, Governing Body, Principal, College Academic Committee, IQAC, Instruction Division, R&D, NSS committee etc. IQAC, Management and Governing Body frame strategic policies and quality initiatives to be adopted. Top management provides the necessary leadership, financial and administrative support to realize the policies. As a commitment to quality, LIMAT has obtained “India's Most Trusted Education Award” and “India's Education Excellence Award” in 2022. LIMAT has adopted the philosophy of Outcome based Education (OBE) in the teaching learning process to reach heights in quality education.

The vision of the college is to achieve excellence in technical education and to achieve this; the mission of the institute is well articulated. The departments, in turn, have formulated their vision and mission in accordance with that of the institution. Through involvement of stakeholders, an environment of quality learning is facilitated conforming to values, vision and mission of the institute. The academic policies, rules and regulations for different programmes offered by the institute are framed under the strong leadership of the Principal. The institute believes in the practices of decentralization and participative management which

promote its vision and mission. The decentralized structure set up at the institute provides opportunity for leadership, building the organizational culture and for growth of organization. The decentralization reflects in various functional bodies like Management, Governing Body, Principal, College Academic Committee, IQAC, NSS committee etc. IQAC, Management and Governing Body frame strategic policies and quality initiatives to be adopted. Top management provides the necessary leadership, financial and administrative support to realize the policies. As a commitment to quality, LIMAT has obtained two awards “India's Education Excellence Award” and “India's Most Trusted Education Awards”.

Institutional Values and Best Practices

The organisation LIMAT supports and advocates for gender fairness. Women make up a significant portion of the teachers and students at the institute. A little over 43% of the student body is made up of girls. Women make up 40% of the faculty. The greatest effort is made to treat every student impartially and equally. The organisation is also aiming to create a robust, inclusive society. Numerous campaigns to promote gender equity are carried out. The organisation understands the value of sustainability and environmental awareness. There are solar-powered lights and heaters. To save energy, the institute employs LED lighting. Under the supervision of the professor, the students completed a project on a sensor-based energy-saving device. Furniture that is damaged is recycled. For managing electronic and solid waste, the institution has MoUs.

There are ample tanks, bunds, and bore wells at the institution. Roof water collection and open well replenishment are also included. teaching students to internalise the fundamental idea that waste can be responsibly repurposed into the natural cycle as well as a commitment to reduce food waste. Many green initiatives are implemented, such as limiting vehicle access, promoting bicycle use, and landscaping with trees. The institution provides lift and ramps allowing students who are physically challenged to have easy access to the classrooms. Each year, students volunteer to serve as scribes. The organisation tries to foster an inclusive environment. To foster harmony and tolerance toward the cultural, linguistic, regional, communal, and socioeconomic diversity, a variety of cultural activities are arranged. Additionally, students receive awareness programs on the Code of Conduct.

The institution observes numerous national and international holidays, including Ekta Diwas, Engineers' Day, and Teachers' Day. In other words, the institution is cognizant of its responsibility for shaping the community of students who will, via their behaviour and readiness to adopt environmentally sound policies, become a driving force for a sustainable environment, particularly in urban areas. Additionally, it is aware of its obligation to advance a society that values diversity and all forms of human diversities.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	LINGAYAS INSTITUTE OF MANAGEMENT AND TECHNOLOGY
Address	Viveka nagar, Madalavarigudem, Via Nunna
City	Vijayawada
State	Andhra Pradesh
Pin	521212
Website	www.limat.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Nakka Satyanarayana	0866-9642999399	9849083888	0866-9642999399	grajling@gmail.com
IQAC / CIQA coordinator	Nagesh Mantravadi	0866-9959835235	9959835235	0866-9959835235	naac.lingayas@limat.edu.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

State	University name	Document
Andhra Pradesh	Jawaharlal Nehru Technological University,Kakinada	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Viveka nagar, Madalavarigudem, Via Nunna	Rural	11.22	22985

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Electronics And Communication Engineering	48	Ten plus Two	English	120	50
UG	BTech,Civil Engineering	48	Ten plus Two	English	60	22
UG	BTech,Computer Science Engineering	48	Ten plus Two	English	120	110
UG	BTech,Computer Science Engineering	48	Ten plus Two	English	60	44
UG	BTech,Computer Science Engineering	48	Ten plus Two	English	60	53
PG	Mtech,Electronics And Communication Engineering	24	Undergraduate	English	18	10
PG	Mtech,Civil Engineering	24	Undergraduate	English	18	11
PG	Mtech,Computer Science Engineering	24	Undergraduate	English	18	9
PG	Mtech,Computer Science Engineering	24	Undergraduate	English	18	9
PG	MBA,Master Of Business Administration	24	Undergraduate	English	120	109

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	18				10				131			
Recruited	15	3	0	18	7	3	0	10	59	72	0	131
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				30
Recruited	16	14	0	30
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				18
Recruited	12	6	0	18
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	15	3	0	4	0	0	0	0	0	22
M.Phil.	0	0	0	0	0	0	1	0	0	1
PG	0	0	0	3	3	0	58	72	0	136
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
		4	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	174	0	0	0	174
	Female	105	0	0	0	105
	Others	0	0	0	0	0
PG	Male	0	0	0	0	0
	Female	97	0	0	0	97
	Others	51	0	0	0	51

Provide the Following Details of Students admitted to the College During the last four Academic Years

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	28	50	39	30
	Female	12	16	32	20
	Others	0	0	0	0
ST	Male	4	4	7	3
	Female	0	2	4	2
	Others	0	0	0	0
OBC	Male	115	143	100	113
	Female	59	43	62	52
	Others	0	0	0	0
General	Male	113	152	116	130
	Female	82	96	65	75
	Others	0	0	0	0
Others	Male	11	15	8	21
	Female	3	4	9	2
	Others	0	0	0	0
Total		427	525	442	448

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The vision of National Education Policy is to provide quality education on global standards with diversity for all curriculum and pedagogy with technological innovations and teaching-learning process. The institution currently relies on the affiliated University to provide an innovative and flexible curriculum. The University JNTUK has started moving in the direction of NEP and provides environmental education and community engagement services. For students in their second and third years, the institute currently encourages multidisciplinary project-based learning, which is not credit-based. Also started the interdisciplinary certificate courses from the second year onwards.
2. Academic bank of credits (ABC):	The University has started taking steps to create an academic bank of credits, but they are still in their early phases. The institution has not registered under ABC; the only entity that may do so to access numerous entry and exits is the University. There are ongoing efforts to provide smooth research collaboration with academic institutions. The learning management system is used in terms of pedagogical approach to material and textbook, assignment, to allow some flexibility.
3. Skill development:	By partnering with the AP Skill Development Corporation to run skill courses, the institution has started its efforts in skill development. Through the delivery of guest lectures and the organization of workshops, the development of humanistic, ethical, constitutional, and universal human values in the student is encouraged. The blended learning approach is also used. Association with www.ncs.gov.in encourages the development of fundamental skills.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The affiliating University started and is continuing to teach the Indian Knowledge System in the curriculum. The promotion of Indian arts and culture is achieved by holding various festivals like Ganesh Chaturthi, Sankranti, Holi, Christmas etc. and holding traditional days like Raksha Bandhan etc.
5. Focus on Outcome based education (OBE):	The affiliating University has developed a good strategy to transform its curriculum towards OBE and the institutions is adopting it in totally. The institution has developed some good practices towards OBE by having well defined process to evaluate the outcome from Program Educational Objectives (PEO),

	<p>Program Specific Objectives (PSO) and Course Outcomes (CO) for all courses. In addition, all the students are assessed as per the OBE model.</p>
<p>6. Distance education/online education:</p>	<p>Distance education has not been initiated for the engineering courses offered by the affiliating university and as such the institute has no such provision. The institute established a specific division Education Development Division (EDD) which will introduce the blended learning. The college has all the necessary infrastructure and necessary tools to offer online education, and this was extremely useful during the Covid-19 pandemic. The institute was highly successful in offering online classes through a myriad of online platforms such as Zoom, Google meet, Microsoft teams, Code Tantra.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1274	1375	1256	1335	1244

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 328

File Description	Document
Institutional data in the prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
159	171	164	157	191

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
390.79	100.71	370.85	458.1	369.52

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

LIMAT is affiliated to JNTUK and approved by AICTE, New Delhi. Department of CSE is accredited by NBA in 2022. The Vision & Mission of the Institute and departments with Program Educational Objectives (PEOs) for all departments are well defined and implemented with Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs). The institute follows the Outcome Based Education (OBE).

Curriculum planning

The Institute follows the curriculum prescribed by the affiliating University. This curriculum is revised periodically by the University Board of Studies. The University publishes the academic calendar for both the semesters. Academic calendar provides details regarding date of commencement of academic session, duration of semester, period of internal assessments and semester end examinations in an academic year. Based on the University academic calendar respective departments head along with senior faculty and professors, prepares the departmental academic calendar, timetables, guest lectures, seminars, and other academic activities by taking inputs from the IQAC and CAC. Timetables are prepared including the library and project hours and are uploaded to the Institute website and displayed on all department notice boards.

Curriculum Delivery

The Instructional Division (ID) takes the responsibility of monitoring the effective delivery of the curriculum through the execution of a well-planned academic calendar and documented process. The allotment of the courses to the faculty is based on the submission of expression of interest and according to their experience and specialization. Faculty must prepare a course document called handout with a detailed teaching plan with course outcomes and map them to the Program outcomes and prepare lesson plan and course file and notes which helps in effective coverage of syllabus on time. The curriculum is executed by way of LTP components as prescribed. The ID cell monitors and collects the feedback from the students on syllabus coverage and academic related matters. Industry visits and guest lectures are arranged to bridge the curricular gap. Students are motivated to participate in various technical events. Apart from traditional methods, curriculum is imparted through innovative teaching methods such as presentations, group discussions, quiz, seminars, industrial visits, and projects. The institution is ICT enabled for making the teaching learning process joyful.

Continuous Internal Assessment

Performance of the student is evaluated by conducting internal examinations, assignments, Active learning methods and slip tests. Experiment wise performance of the students in laboratory is evaluated. The Project

Work is evaluated using rubrics. Question papers are prepared with course outcomes and revised Blooms Taxonomy levels along with scheme of evaluation and key. Examination section ensures smooth conduct of examinations. The quality of the question paper is assessed by senior faculty through vetting process. CIE marks are uploaded to University web portal within the stipulated time as per the almanac. Two internal tests and end semester examinations are conducted in a semester as per the schedule given by the University. The makeup classes are conducted for students who find certain topics in the course challenging. The tutorial classes are held to help the students in problem solving.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years

Response: 112

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

Response: 65.65

1.2.2.1 Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
868	640	1013	688	1048

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Response:

LIMAT is committed to fostering a diverse, value-based educational community. The curriculum includes many courses that address cross-cutting problems such as Professional Ethics, Gender, Human Values, Environment, and Sustainability.

Professional Ethics and Human Values:

The aim of any educational programme is to produce successful professionals who can address the societal issues effectively and with new and innovative solutions. Engineers must use their ingenuity and professional ethics and values to balance the benefits and drawbacks of technology. The importance of professional ethics and human values is not only emphasized in JNTUK's technical education program and inscribed in the university curriculum. This course helps students to understand the importance of these values in their careers. According to recent guidelines from AICTE, Universal Human Values (UHV) will be offered as part of the Student Induction Programme (SIP). LIMAT offers these courses in all programs. The Professional Ethics & Human Values course covers the personal and operational standards of behaviour expected of professionals. The course aims to help students make sound judgments in any situation, and to take informed decisions based on their knowledge and skills also impact on the students' thought processes in a positive way to cater to the needs of the community. Universal human values have been introduced to connect students with the faculty and create a stronger sense of awareness. The purpose of this activities is to channel the energy of the youth into positive outlets.

Gender Sensitization:

LIMAT believes in equality for all genders and has taken many initiatives to sensitize the community about the importance of women in society. The management's commitment to women's empowerment is evident in their recruitment of women faculty at a rate equal to or more than 50%. A women's empowerment cell has been established at LIMAT with the goal of empowering girls to face problems with confidence. The college implemented a new awareness program on gender equality and women's rights in accordance with the collaboration with the NGO called SAFE (Step Ahead For Equality). The program was spearheaded by a women empowerment cell by conducting Equality Day, Women's Day etc. Both girls and boys have equal opportunity to participate in academic, co-curricular, and extracurricular activities and training programmes. By holding several seminars for students, gender sensitive issues are directly addressed. Women's Day celebrations, and other similar events assist female students in identifying their leadership and entrepreneurship potential.

Environment and Sustainability:

As prescribed by JNTUK, various areas of sustainability and environmental studies are covered in the course Environment Studies in engineering programmes. Students learn about:

- The importance of natural resources and conservation in a systematic fashion through this course.

- Environmental issues and assessments in rural and urban areas.
- Pollution has a variety of characteristics and can be controlled in several ways.
- Green campus that is self-sustaining in terms of electricity, water, and waste management, as well as plantation, landscaping, and rainwater harvesting.

The institute encourages students to participate in projects such as Swachh Bharat, Vanam Manam, Jal Shakti, and others.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 67.19

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 856

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website (Yes or No)

Response: Yes

File Description	Document
Upload supporting document	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 72.83

2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
427	525	441	448	453

2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
612	612	642	642	642

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the last five years (Exclusive of supernumerary seats)

Response: 68.06

2.1.2.1 Number of actual students admitted from the reserved categories year - wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
208	209	173	214	268

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
306	306	321	321	321

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.2 Student Teacher Ratio

2.2.1 Student – Full time Teacher Ratio (Data for the latest completed academic year)

Response: 8.01

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Response:

To improve learning experiences, LIMAT employs student-centered strategies such problem-solving methodologies, participatory learning, and experiential learning. Teachers and students participate equally in the learning process in a student-centered teaching paradigm.

1. EXPERIENTIAL LEARNING:

Experiential learning that is immersive and participant-centered engages students of all backgrounds and experience levels. The college provides students with numerous chances for practical education.

Institutional training:

The students participate in the institutional training programmes run in partnership with industries.

Participation in industry promoted competitions:

Students are encouraged to take part in competitions sponsored by various sectors and display their original thinking and talent.

Industry visits:

Students visit industries to gain knowledge about how the workplace operates there. Additionally, it makes students more aware of the real-world difficulties that industry encounter.

2. PARTICIPATIVE LEARNING:

Using a range of teaching techniques, roles, and connections based on the needs of the learner and the desired goals, teachers and students co-create a trusted and innovative learning environment.

Debates and Group discussion:

encouraging students to develop their own comprehension of the material and relate it to their own experiences through debate and discussion. Students learn more effectively when preparing for seminars.

Mock interviews:

This is commonly adopted in English and Management classes.

Model Development:

The act of developing and assessing models may aid students in making connections between concepts that at first glance appear to be unrelated.

3. PROBLEM SOLVING LEARNING:

It is a technique of teaching that encourages student learning of the ideas and principles using challenging real-world challenges. It can support the improvement of communication, analytical, and problem-solving skills. Additionally, it can offer chances for group collaboration, research orientation, and lifelong learning.

Assignments and quizzes:

Assignments and quizzes are conducted at the end of instruction of each unit.

Case Study Analysis and Discussion:

The open-ended problems are presented in form of case studies. It helps students feel connected to life.

Think Pair Share:

It is a collaborative strategy commonly implemented in classrooms.

4. LEARNIG THROUGH ICT:

LIMAT has used ICT-enabled strategies in addition to conventional classroom teaching methods. The faculty makes use of ICT-enabled learning resources, including PPT, video clips, audio systems, LCD projections and web sources, to impart cutting-edge technology and practical expertise. By utilizing digital resources like DELNET, spoken tutorial, and the Digital Library, the faculty stays abreast of cutting-edge technological advancements.

Through the intranet, the professors and students have access to a significant quantity of e-books and e-journals in the digital library. The seminar rooms have Wi-Fi, multimedia, and fast internet access for hosting guest lectures and seminars. Another way to conduct experiments is in simulated laboratories.

Through technological resources like CISCO WEBEX libraries, the faculty produces brief video tutorials that can be sent to students. while completing an online course.

The faculty uses a range of online tools, including White Board in MS Teams and JAM Boards in Google Meet, to deliver numerical and problem-solving courses. The teachers use programmes like Flip Flop, Prezi, Google Slides, and Slide Share to create presentations and movies.

File Description	Document
Upload Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

Response: 100

2.4.1.1 Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:

2021-22	2020-21	2019-20	2018-19	2017-18
159	171	164	157	191

File Description	Document
Upload supporting document	View Document

2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 11.4

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
22	26	22	17	9

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

Since LIMAT is affiliated with JNTUK, Kakinada, it adheres to all academic standards and University policies. The rules specify the methods for internal and external evaluation as well as the minimal attendance requirement for final exams. In the orientation program, parents and newly admitted students learn about the continuous assessment process.

- The department has a Scrutinizing Committee, comprising of HOD and two senior faculty members to check the quality of the question paper as per the revised blooms taxonomy (BTL) levels and COs compliance.
- Internal assessment for theory courses is carried out through two Mid-term examinations. Each Mid-term consists of an objective, descriptive and assignment tests. The objective test is an automated online exam conducted by the University. The marks are displayed on the students' screen as soon as the test is submitted within the stipulated time. A common question paper of 4 sets for descriptive test is prepared by the subject experts. One set is chosen by the institution Examination In-Charge just before the commencement of the examination. The evaluation by the concerned faculty and script verification by the students is done within the stipulated time. The Mid-term marks statement is displayed in the notice board before uploading to the University.
- The laboratory internal assessment is based on three parameters - day to day laboratory performance, internal practical examination, and maintenance of record. The faculty transparently post daily performance and record marks in the laboratory attendance register on regular basis in the presence of the students. The final laboratory internal marks statement is displayed in the notice board.
- Seminars and projects are also transparently assessed. The faculty evaluate the presentation skills of the students by reviews and seminars with the help of rubrics. Departmental level Project Review Committee (PRC) is constituted along with the head of the department, senior faculty, and respective guides.
- The external assessment of both theory and Lab is done by University through Semester End Examination.
- Any discrepancy or deviation is immediately brought to the notice of the In-Charge of Examinations, and it will be redressed immediately without delay.

The general grievances expressed by the students regarding internal examinations are:

- Dissatisfaction regarding evaluation of the descriptive answer scripts
- Discrepancy in totaling of the marks
- Wrong posting in mark sheets

- Discrepancy in totaling of aggregate internal marks
- Problems in downloading and submission of the objective question paper
- Wrong options in objective question paper
- Often, some of the issues faculty will resolve immediately. Any student who is still not satisfied may approach the concerned head of the department. In case of discrepancies in the objective question paper, the student takes the screen shot and represents it to the In-Charge of Examinations through the head of the department. The same is represented to the University through proper channel. The institute follows transparent assessment system by displaying the students' performance in the respective departmental notice boards. If the student is still dissatisfied, he/she can represent his/her grievance to the principal for necessary action.

File Description	Document
Upload Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated

Response:

The LIMAT has a distinct vision for the Course outcomes. By actively involving all the stakeholders, the institution is successfully implementing the outcome-based education (OBE) system. Program Objectives (POs), Programme Educational Objectives (PEOs), and Course Outcomes are used to determine the learning outcomes (COs).

The PEOs are established in accordance with the institute's vision and goal and describe the skill set that student possess upon completion of the programme. COs are typically defined in the JNTUK syllabus.

If necessary, the instructor can modify the COs provided by the University. If the university does not directly mention the COs, then the subject experts define the COs. At the start of the academic year, every member of the faculty creates course files with information on the course objectives, course outcomes, modules, reference materials, teaching plan. The following channels of communication are used to inform about POs, PEOs, and COs:

- Website
- Classrooms
- Departmental display boards
- Laboratories through display boards
- Library

Each course concludes with a PO assessment based on the CO completion of all course requirements. For measuring the achievement of the programme outcomes quantitatively, the course outcomes are mapped to the programme outcomes.

CO Attainment:

To gauge each course outcome's development both direct and indirect methods of assessment are used. The process of course outcome assessment is based on mid-term examinations and semester end examination. The matching CO is assigned to each question on the mid-term examinations. The overall attainment of that CO is based on the average obtained by all the students.

Direct assessment methods include:

Theory Courses – Internal and End Semester exams

Indirect assessment methods include:

Course end survey

Course Outcomes – Assessment Process

- 80% and 20% of the overall attainment of the course is taken from direct and indirect assessments respectively.
- The direct assessment weightage is shared between internal and external assessments based on the prescribed university regulations.
- The internal attainment is calculated twice in a semester.
- The attainment level of each student can be studied, and it can also be checked if the entire COs are attained or are met with the set performance goal.
- In correlation of CO-PO tables, '3' indicates strong correlation, '2' indicates moderate correlation, '1' indicates low correlation with the respective PO.
- Indirect assessment is executed through Course end survey.
- The final attainment of the COs is calculated from the average attainment obtained by all the students.

PO Attainment:

All the courses which contribute to PO are identified and are evaluated by Course Outcomes using direct assessment tools (Internal and External examinations) and indirect assessment tool (Course End Survey). After the assessment of the POs using both the direct and indirect assessment tools, the overall results from the assessments of the PO are compared with the expected attainment. If the expected attainment level is reached, the PO is considered satisfied. If the expected level of attainment is not met, the concerned faculty along with guidelines by the Academic Committee would strive to take measures for overall improvement of the class through gap analysis.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2 Pass percentage of Students during last five years**Response:** 94.77**2.6.2.1 Number of final year students who passed the university examination year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
155	141	130	220	79

2.6.2.2 Number of final year students who appeared for the university examination year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
166	147	133	237	82

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.7 Student Satisfaction Survey**2.7.1 Online student satisfaction survey regarding teaching learning process****Response:** 3.64

File Description	Document
Upload database of all students on roll	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 0

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

The Lingayas Institute of Management and Technology is committed to providing better opportunities for stakeholders in the path of research, innovation, and entrepreneurship. To achieve this, LIMAT realized creative ideas by forming various cells, creating an active flow of information and resources, and creating an ecosystem of innovation.

Research & Development Cell (RDC):

LIMAT Research and Development Cell was established to promote research activities for faculty, undergraduate and postgraduate students. It encourages the students to publish their project works and establishing the research culture. Research & Development cell monitors the faculty, and students research progress and guides them time to time for better outcome. It conducts various programs on IPR and facilitates the faculty to file patents from their research work. Also conducts workshops and seminars on IPR.

Objectives:

- To Promote research activities in the frontier field of science and technology

- To improve research performance by publishing research papers in peer-reviewed journals and prestigious conferences
- To encourage the faculty to guide innovative research projects.
- To conduct various workshops / seminars / training related to the promotion of research
- To raise awareness of patent publications and intellectual property rights (IPR)

Industry Institute Interaction Cell (IIC):

A better interaction between the institute and the industry is the need of hour. There is an urgent need for engineering students to become familiar with new technologies and methods to prepare for work in multinational corporations. These goals can only be successfully achieved by bridging the gap between industry and academia. With this motto LIMAT established Industry Institute Interaction Cell (IIC) in the year 2020.

Objectives:

- Promote Industry - Institute Interaction.
- Organizing Workshops, conferences and symposia with joint participation of the faculty and the industries.
- Encouraging engineers from industry to visit Institution to deliver lectures.
- Participation of experts from industry in curriculum feedback.
- Arranging visits of staff members to various industry
- Memoranda of Understanding between the Institute and industries to bring the two sides emotionally and strategically closer.
- Visiting faculty/professors from industries.

Incubation Centre:

LIMAT believes inculcating innovation among students there by contributing to nation's development that solves societal problems. Strong Academics, Industry relevant training, Emerging technology knowledge through R&D and Professional mindset with human approach are the essential attributes that determine the success of our institute. In the year 2019, **Prof. Rashidhar, Principal and Prof. Sridevi, Training and Placement Officer** has conceived an idea that the spirit of innovation has to be incubated in the minds of the students and the college has conducted the very first innovative idea and solutions competition by establishing an incubation centre in the campus by inviting **Sri D. Chandrasekhar, Additional Industry advisor, MSME-DI, HYD and Sri KC Chowdary, Asst Director, Ministry of MSME, GOI**. From then onwards, the college has been encouraging the students to come out with innovative solutions for the problems that are faced by the students and the society at large during every semester.

File Description	Document
Upload Additional information	View Document

3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 38

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
9	6	07	08	8

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1 Number of research papers published per teacher in the Journals on UGC care list during the last five years

Response: 0.08

3.3.1.1 Number of research papers in the Journals notified on UGC CARE year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
4	3	11	3	4

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.01

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1	0	0	1	1

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

LIMAT has set the task of motivating students to grow overall and become more sensitive to social issues. It teaches students social responsibility and ethical values. Teachers and volunteers participate in several extension activities conducted to support social justice, public participation and accountability in neighbourhood development. Credit courses on human values and professional ethics, as well as environmental studies, are provided as part of the students' holistic development. At regular intervals, guest lectures are organized for students by inviting experts from outside to educate them on social issues such as drug addiction, traffic rules and regulation, anti- ragging, cybercrimes, safety, and security to women in Telangana state through SHE Team/Disha App Awareness program and so on.

Extension activities organized by LIMAT:

LIMAT has selected a neighbouring village, Madalavarigudem, to carry out its service activities. Volunteers participate in blood donation camps. Digital literacy camps are organized to raise awareness of digital banking transactions and effective cybersecurity measures. Swachh Bharath Abhiyan is deployed to raise villagers' awareness of health and hygiene. Andhra Pradesh's tree planting, cultural and heritage awareness campaign is conducted with the active participation of students. Medical camps are organized on campus, and volunteers also serve various NGOs. Students attended workshops on topics such as waste of electricity and alternative energy sources. Celebrate Independence Day, republic day, Gandhi Jayanti, and important National Foundation Day like Dr. BR Ambedkar Jayanthi, National Constitution Day, National vigilance Week, teaches students patriotism and social responsibility. Engineer's Day and Teacher's Day are celebrated to celebrate their contributions and services. Raise awareness by celebrating important international days such as World Environment Day, Plastic Bagless Day, Smoking Cessation Day, and Population Day. Volunteers participated in Women's Day, Women's Safety "CYBER MITHRA" in Cyberspace. Each year, in collaboration with NDRF 10 BN we conduct International Day of Yoga at NDRF campus, LIMAT campus and actively participate in various health and stress reduction activities such as yoga, meditation and the Art of Living. As an additional activity, students contributed to the clean maintenance of the campus through Swachh Bharath Abhiyan. Volunteers are increasing campus greenery through plantations and other green initiatives such as Vanam Kosam Manam. Neighbouring communities have benefited from the LIMAT initiative on digital transactions, Swachh Bharath Abhiyan, Mana Krishna

Plastic Rahitha Krishna, traffic awareness, and environmentally friendly vehicle maintenance practices. As a part of curriculum Community engagement session is also conducting for 3rd year students as prescribed by the JNTUK. In this community engagement, students need to spend in villages and must study about their problems and solutions for their benefit and for the social skills of students. Students actively participating in this program and shaping themselves to help in needy and as a good real human being with huma ethics and values.

The college maintains its social cohesiveness through extended activities in the neighbourhood community to sensitize students about social issues. The college consistently promotes participation of students and faculty members in socio-friendly extension activities through various cells. Under “Plastic free campaign” student and faculty educated the need to adopt a plastic-free lifestyle by making the village plastic-free in adopted villages. The residents of the village were made aware about the health and climate-hazards of using plastic and were also urged to adopt Eco-friendly products in their daily lives.

File Description	Document
Upload Additional information	View Document

3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

Response:

Lingayas institute of management and technology always encourages the stakeholders towards their goals and enrichments to fulfil their wishes. Along with studying in college, it also encourages recognition of skills. Students and teachers will be honored on their achievements and recognitions, also plans to get fellow teammates too.

The NSS wing, SWD wing continuously striving to get an appreciation by serving the society in a huge manner. It was the general habit of every member in the college. Institute encourages the social welfare activities, blood donation camps, awareness camps in and around the campus and getting a good reputation and recognitions for the service rendered.

The students are very social active and participates in every activity conducted by the college and must deliver their heartfelt service.

The following are few of the awards and recognitions bagged by the college/ the students/ faculty for their efforts.

- 1.Lingayas Institute of Management and Technology was awarded with “India’s Education Excellence Award”
- 2.LIMAT was awarded with “India’s Most trusted Education Award”
- 3.APSSDC recognized the college as a Skill Centre to train the rural youth to build up the life skills and professional skills.
- 4.An appreciation was given to students for their contribution towards the enthusiasm and creative art and responsibility conducted on the eve of Adbutha Andhra Pradesh

5. National Women's parliament is a prestigious event conducted by AP government and students are actively participated and bagged an appreciation for that.
6. Few faculty members got a prestigious National Best Research Award sponsored by Novel Research Academy.
7. The college is appreciated by the AICTE, for the establishment of Institute Innovation Council.
8. For the active participation and social responsibility through the 2K run, SAFE organization awarded the LIMAT with certification of Appreciation.
9. An appreciation from DELNET for the continuous efforts in digital library enhancement and best practices
10. For the Best Volunteering services for the LION'S club, college got an appreciation award.
11. Also got the LIFE SAVER AWARD on conducting blood donation camps frequently in the campus from Lion's Club of Vijayawada.

The college stood first in this type of recognitions and laurels. The college management is very much focussed on shaping the young minds as socially responsible citizens. All these activities are conducting through a central division for extension activities called Student Welfare Division (SWD).

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years

Response: 49

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
13	4	7	12	13

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.5 Collaboration

<p>3.5.1 Number of MoUs, collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research and other academic activities during the last five years:</p> <p>Response: 41</p>	
File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

Response:

LIMAT, is Away from Huss-Buzz of concert jungle and the campus is situated in Lush green mango orchid spread over in 15 acres land and over 2.5 lakhs sqft constructed building to house all modern and latest facilities required for correct environment to get the best out of students. The college is equipped with latest labs and other on campus facilities for overall development of the students. The institute has well equipped classrooms and laboratories as per the AICTE norms.

Classrooms: The college has a range of classrooms, fifty in number, and measuring between 66 to 100 sqm approximately. The e- classrooms are equipped with ACs and LCD projectors and computers to facilitate innovative learning with ICT tools.

Interactive White boards: Teachers using interactive whiteboards to present content to students

Tutorial Rooms: LIMAT has sufficient number of tutorial rooms.

Laboratories: LIMAT has prescribed laboratories for all the programmes as specified by JNTUK.

Seminar Halls: The institute has well-furnished adequately spacious seminar halls with a seating capacity of 150-200 students. The hall is well equipped with a projector, audio systems and amplifiers. An open field auditorium with huge space is also available.

Computer Labs: LIMAT has sufficient computer labs with the required ratings and specifications to run the lab smoothly

Training and Placement Cell: LIMAT has a spacious Placement cell with sufficient rooms for group discussion/debates and to conduct the placement drives effectively.

Workshop and Drawing halls: LIMAT have well equipped workshops and spacious drawing halls with sufficient furniture having a maximum capacity of 150 students that fulfil the needs of curriculum.

Library: LIMAT has a state of art Central library. It is housed in an area of 800 sq.m with the seating capacity of 150 users. A separate Digital library with nearly 35 computers and a separate reading hall for the students to take up their academic works peacefully in the library. Good infrastructure to hold the huge capacity of books safely. An integrated automation system using in the library gives the transparency and affective book management.

Yoga Hall: The Institute lays due emphasis not only on the academic growth of its students but also on their holistic development. For this purpose, a hall around 400 sqm area is allotted by the college for yoga practice. Every year in collaboration with NDRF 10 BN International Yoga Day is celebrating in a grand manner.

Gymnasium: The institute has a gymnasium with good amount of equipment like, abdominal bench, weights and dumbbells etc.

Stationary bicycles, Dumbbell sets etc. for the physical fitness of the students.

Sports Ground: LIMAT has a huge area of sports ground with a lush green tree around it. All the courts, sports and games equipment are periodically maintained under the supervision of the Physical Director. The institute encourages students to participate in regional, university, national and international level events. Some of our students represented and won major events in different levels.

Prayer Hall: There is a special prayer hall for religious freedom, and for daily prayers

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)

Response: 8.8

4.1.2.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
27.08	0.9	49.13	30.72	40.96

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library

Response:

The central library of carpet area 627 Sq. mt. is in ground floor with good infrastructure and ambience. There is regular subscription to newspapers, magazines and journals, there by augmenting the library as a

rich source of knowledge. In addition to central library, each department is well equipped with department library.

DelPlus is a fully web based integrated library management software that runs on distributed computers through a network or server. It can also run-on local area networks without access to the Internet. DelPlus supports following major international standards for better interoperability. DelPlus is a complete solution for libraries. It is a unique combination of a library automation software, digital library software and a database search facilitator. DelPlus is compatible with international standards such as MARC 21 for bibliographic description, ISBD, OAI PMH Protocol, Z 39.50 Protocol, Dublin Core, Unicode, and many more. It uses Java technology, PostgreSQL for the database, and Apache for Web server. DelPlus unlike Koha is a platform independent software which turns it more beneficial for the user who are not well verse with Linux.

It has six main modules, i.e.

- Acquisition
- Cataloguing
- Circulation
- OPAC
- Administration
- Export/Import
- Authority Control
- Article Indexing
- Report Generation
- Stock Verification
- Technical processing (cataloguing)
- Circulation.
- Acquisitions serial management.
- OPAC besides administration.
- Queries
- Utilities

Features of DelPlus

- Compatible with international standards such as MARC 21.
- Scalable, manageable, and efficient.
- Compatible to run on any version of Windows (except window 95, 98 and 2000) and Linux.
- Automated email/instant messaging is integrated in different function of software

- Form and letter can be configured to save time.
- Extensive use of parameters to enable easy configuration of the software to suit specific.
- Needs Allows digital attachment to metadata.
- Enables users to search online databases through OPAC.
- Self-issue return is enabled that save the time of the user.

The institute library functions under the Open Access System having a total collection of **24,270** volumes of books with **5371** titles covering all the branches of Engineering, Management, Sciences and Humanities and general books. The library has the subscription of several online Journals, national and international

Journals, Periodicals, newspapers, project reports of UG and PG students, previous years question papers, books on competitive exams along with the Book Bank consisting of **1384** books are also made available. One terminal is allotted for students to check the availability of books with the help of OPAC. The digital library has an impressive collection of around **1484** CDs, e-resources like DELNET, NDLI, SWAYAM, and collection of e-books. In addition to this, the library is also equipped with an internet browsing centre with **18** systems with unlimited access to various academic resources available on the internet.

The library creates a good atmosphere to read and refer the books with a peace of mind and noiseless ambience. The library kept opened from 8AM – 5PM and Sundays also works for a half day. Also conducts workshops to get awareness of digital libraries, integration of libraries and plagiarism software, research methodology etc.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Response:

LIMAT has well established IT infrastructure and updates its laboratories including hardware, system and application software and Wi-Fi connectivity periodically. Since its inception in 2008, the institution has been procuring the high end desktops. Core2Duo systems procured during the academic year 2007-08, core i3 systems in 2011-12 and core i5 systems in 2017-18. As on today, the institution has 386 desktops. In the last five years, in 2019-20 the institution procured 60 core i3 systems with 8GB RAM, and in 2017-18 90 core2duo desktops. In 2021, for the better online classwork 12 high end Laptops were procured. The institute has intranet with 40Mbps fibre optic backbone network with manageable switches supplemented with Wi-Fi support given by 27 access points with 24x7 availability. In the last five years, 13 unmanageable switches were replaced with manageable switches. The campus has 42 surveillance cameras and 2 biometric attendance devices. Internet bandwidth of 10Mbps in 2017 was enhanced to 30Mbps in 2021. Hardware SonicWALL firewall with Firewall throughput of 1500Mbps was recently procured replacing the existing software firewalls.

Library and Exam Cell are facilitated with high-end print/copy/scan/fax/box/ADF printers. The institution procured 14 new LCD projectors in the last five years for E-classrooms, seminar halls, conference halls and laboratories and replaced 12 projectors procured during 2009-12. All CRT monitors are replaced with LCD desktops. Smart interactive board is procured for conducting online sessions during pandemic time.

File Description	Document
Upload Additional information	View Document

4.3.2 Student – Computer ratio (Data for the latest completed academic year)

Response: 3.97

4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 321

File Description	Document
Upload supporting document	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)

Response: 24.12

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
195.35	12.36	89.35	12.32	98.2

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years

Response: 46.87

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government and Non-Government agencies year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
446	489	646	785	673

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: B. 3 of the above

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 73.03

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
869	968	986	1056	856

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

5.2 Student Progression

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 85.42

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
141	136	94	201	90

5.2.1.2 Number of outgoing students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
166	147	133	237	92

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 100

5.2.2.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
14	8	1	0	0

5.2.2.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
14	8	1	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 1

5.3.1.1 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 wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	1	0	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 10.2

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
16	0	12	5	18

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

Lingayas Institute of Management and Technology Alumni Association (LIMATAA) is an association of passed out students of Lingayas Institute of Management and Technology. Alumni meet is conducted every year during the month of December, to encourage interaction among alumni and the students. On the day of the event many activities are conducted for the Alumni like games, quizzes. Alumni have contributed to the association fund, to organize various alumni and developmental activities.

The association has the following broadly identified objectives in the field of Engineering.

- To establish and maintain contact among the ex-students
- To pursue and sustain excellence in education by interaction among the alumni, faculty members and present students
- To improve Industry-Institute-Interaction and help the training and placement cell for benefit of the students.
- To extend financial assistance and co-operation to the institute for the growth and development of education and research in the field.
- To provide common platform for exchange of ideas and disseminating the knowledge in the field.
- To perform other constructive activities leading towards the enhancement of the skills and knowledge of the students.
- Alumni are invited to LIMAT campus whenever they visit their hometown. The Management and faculty will be delighted to have alumni in the department to share their valuable professional experience among the faculty and students. They can take the liberty to contact the Principal/Vice Principal/HODs/Alumni Association coordinator and the LIMAT city office for any information and assistance.

Functions

The Alumni Association Advisory Board /Executive Members who are the senior members of the LIMAT, who extend suggestions and support for the upliftment of LIMAT alumni fraternity.

Knowledge Transfer:

Our Alumni have been actively contributing for the development of laboratories in college.

Guidance for Higher Education:

The Alumni, pursuing their higher studies in various universities across the world, share their experiences and help the students in choosing specialization for higher education.

The Alumni guide students appearing for GATE, PGECET, GRE, TOEFL, IELTS and other competitive exams.

Guidance on Placements:

Our Alumni are placed in various reputed organizations like Google, HSBC, TCS, Hitachi and many reputed organizations. They help the students to prepare for placements by giving suggestions on improving articulation and soft skills. They share their valuable experiences at work, so that students get accustomed to different work environments and learn standards of work and ethics.

Extra-curricular Activities:

Our alumni support and encourage students to participate in various extra-curricular activities.

To develop and strengthen relations between our Alumni and the Institute by providing diverse tangible benefits including career services, networking opportunities, special events, seminars, workshops, lectures,

and the opportunity to connect, inspire students and graduates, an ALUMNI Association is formed with the following members as alumni crew team.

File Description	Document
Upload Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance

Response:

VISION

To nurture and impart high quality technical education to the young engineers with the globally competent skills and embedding the wisdom of socially adept and professionally deft in pioneering the nation's pride.

MISSION

- To impart cognizant knowledge, adequate technical and soft skills to the graduates
- To create conducive ambience that excel teaching and learning process
- To prepare knowledgeable, vibrant and creative attitudes that contribute to the advancement of engineering and technology
- To inculcate positive thinking and contribute to build the society to cater the real-time needs.
- To ensure better industry institution interaction and focus on emerging technology trends and research at global level for better quality of life

The vision and mission statement define the various characteristics of the institute to meet the needs of all stakeholders of the institute. In accordance with the norms of AICTE and UGC's vision and mission, the college management has formed a Governing Body whose members are associated with years of experience, leadership qualities can contribute to the overall growth of the institution. The mission of the institute is to propose an intellectually challenging environment with a commitment for the Empowerment of students and faculty members. The institute implements best practices that act as benchmarks and allows the institute to evolve into an epitome of values and culture. Statutory committees such as the Governing Body, Academic Council (AC) consists of all department heads and non-statutory committees /cells such as women empowerment Cell, Anti-ragging committee, etc. were formed to involve faculty in decision making, implementation. The principal develops rules and regulations under the guidance of the Governing Body and Academic Council of the institution. He ensures the proper logistical and academic atmosphere to support the learners in the institution to become globally competitive.

The Academic Council administers academic planning, faculty requirement, academic load, and Feedback on education, learning systems, analysis of results, research activities, and ensuring student discipline. Also, addresses Infrastructure requirements, maintenance, Meetings, transportation, and internships. The HoDs are held responsible to enhance and upgrade the required laboratories as per the demand of regulation and syllabus changes time to time. We solicit feedback and ideas from learners and other stakeholders for innovation and improvement in various activities such as academics, industry institute interaction cell (IIIC), internships and so on. Senior professors, with the support of faculty members, act as conveners for the non-statutory committees/ cells and support the principal. Faculty and staff are involved in every committee and contribute their service for the refinement and implementation of decisions at various levels. Principal and HoDs will be provided with sufficient financial resources to modernize and

reimplement the required facilities, infrastructure expansion, laboratories, libraries, classrooms, ICT, modernization of sports facilities according to the annual plan and the sanctioned budget.

The institute believes in the practices of decentralization and participative management which promote its vision and mission. The decentralization reflects in various functional bodies like Governing Body, Academic Committee, IQAC, Administrative, Cells and various committees. Governing Body, AC and IQAC, frame strategic policies and quality initiatives.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc

Response:

Governing Body is the functional head of the institution. It mainly looks after the overall growth of the institute. The principal serves as a liaison between management, staff, and students and is responsible for both academic and administrative issues.

Internal Quality Assurance Cell (IQAC):

IQAC monitors the academic, research, co-curricular and extracurricular activities to ensure quality in teaching & learning.

Academic Council (AC):

This Council is constituted to deal with all academic related affairs of the College, academic staff, academic planning, Instructional issues, Co-curricular activities, & Extra-curricular activities.

Other Academic and Administrative Duties:

- Vice Principal, Heads of the Department (HODs), Coordinators and In-charges provide academic support to the principal.
- Instructional Division assists the HODs in academic activities.
- Training & placement cell conducts training in skill development and provides placement

assistance.

- Examination Cell Incharge monitors the conduct of internal & external examinations.
- Librarian performs all activities related to library.
- Research & Development cell motivates the students and faculty members of all programs for R&D activities in their specialization and help their professional growth. The innovation culture is also promoted in the campus towards the start-ups.
- Entrepreneurship & Development committee conducts interactive sessions and trainings from the industry/ academia for the students to become as an entrepreneur.
- The HR and Administrative Officers will monitor the administrative activities related to academics.

Service Rules, Policies and Procedures:

The service rules and policies regarding recruitment and promotion are prepared as per AICTE and JNTUK norms.

Strategic Plan:

The institute has developed a strategic plan in the year 2016 for five years with the help and suggestions from all the stakeholders. The strategic goals of this plan were:

Strategy- 1 : Good Governance

Strategy- 2 : Autonomous Status

Strategy- 3 : Accreditation & Certification

Strategy- 4 : Teaching & Learning Process

Strategy- 5 : Research & Development

Strategy- 6 : Industry & Institute Collaborations

Strategy- 7 : Training & Placement, Internships & Career

Strategy- 8 : Infrastructure and facilities

Strategy- 9 : Alumni engagement and interaction

Strategy-10 : Entrepreneurship

Strategy- 11 : Library

Case Study: Strategy- 4: Teaching & Learning Process

Objective:

To reduce the gap between industry expectations (practice) and academic offerings (theory) in collaboration with the industry to attain a symbiosis.

The following are the identified tasks & their Developments:

1. *Modern training methodologies towards skill enhancement*

A special division is established named Educational Development Division (EDD) shall be responsible for all Education development activities related to teaching-learning Methodology

2. *Teaching pedagogy inline to Industry 4.0.*

To improvement the quality of learning, for making receptive during learning sessions, and to improve the student participation with higher cognitive skills we are focussing on effective pedagogical issues like learning style, competence of teacher, field studies, educational systems, and active learning methods.

3. *Outcome Based Education (OBE)*

By actively involving all the stakeholders, the institution is successfully implementing the outcome-based education (OBE) system.

4. *Support for the Internship/ Visits, Guest lectures and Training programmes*

MoUs are made to provide internships and training for the campus placements.

File Description	Document
Upload Additional information	View Document

6.2.2 Implementation of e-governance in areas of operation

1. Administration

2. Finance and Accounts

3. Student Admission and Support

4. Examination

Response: D. Any 1 of the above

File Description	Document
Upload supporting document	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff

Response:

LIMAT views employee wellness as a crucial element. Institute evaluates the contributions and services of the teaching and non-teaching faculty and staff through a transparent Self-appraisal form and based on the score they will get a yearly increments and incentives. The annual faculty appraisal form is a self-assessment report submitted by the faculty, verified by the HOD and forwarded to the principal.

Self-Appraisal Form:

The faculty performance appraisal process at the institute is conducted using a defined framework that involves both accountability and professional growth. The following list includes the performance characteristics of the performance appraisal process:

- The staff's performance appraisals are completed manually.
- Each faculty member submits an annual self-appraisal report to the various departmental HoDs.

Different types of Evaluations are:

1. Students' Evaluation of Faculty & Staff:

The feedback from the students is taken at the end of each semester. The students rate the teacher on various parameters like subject knowledge, content presentation, communication skills, classroom management, clarification of doubts, transparent evaluation, use of technology, counselling, prompt completion of syllabus, punctuality, interaction with students and mentoring.

2. Self-appraisal of Faculty & Staff:

The faculty rate their own performance for 10 marks.

3. HoD's Evaluation of Staff:

The HoD monitors the overall performance of every faculty member and rate them on ten-point scale in the faculty appraisal form (FAF).

4. Principal's Evaluation:

The principal observes the overall performance of every faculty member and rate them on ten-point scale in the faculty appraisal form (FAF).

Performance Appraisal for the non-teaching staff

The appraisal of non-teaching staff is done by the admin office in-charge along with HR manager. The day-to-day activities and self-appraisal given by them is taken into consideration.

Welfare policies for both teaching and non-teaching faculty members what the institute offers is:

- A moral, fit, healthy and competitive, academic driven, student centred, supportive, and professional work environment to its faculty.
- A chance to upgrade their qualification to acquire the higher educational degrees.
- Infrastructure, library, equipment, required software and other resources for the researchers.
- Reimbursement of membership fees of the professional bodies to the faculty.
- Free Transport facility.
- Maternity leave.
- Hostel facility
- Recreation programs, sports and Games.
- Grievance Redressal Cell.
- Subsidized canteen facility.

- Yoga classes for physical & mental fitness.
- Wi-fi facility.
- Medical assistance.
- Recommendation to bank loan facilities etc.
- Appreciation and incentives to faculty for their professional achievements.
- Fire safety, CC TV cameras to ensure safety and security.

For the Professional Development of faculty, the institution provides:

- Special leave and financial assistance to participate in seminars /workshops /conferences / training and faculty development programs.
- Study leaves for higher education or for full time higher education programmes.
- Encouragement to present and publish research papers.
- Support to undertake minor/major research projects.
- Training programs for the new entrants to improve their teaching skills.

For Non-Teaching:

- Training on laboratory skills, fire safety and first aid.
- Training to library staff.
- Encouragement to acquire computer operating skills by Workshops

File Description	Document
Upload Additional information	View Document

6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 54.28

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
112	96	85	69	95

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

Response: 69.85

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
124	112	136	121	195

6.3.3.2 Number of non-teaching staff year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
30	25	36	31	21

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

RESOURCE MOBILIZATION

LIMAT follows a procedure for preparing assets and guaranteeing straightforwardness in the monetary administration of the organization. It essentially relies upon the quality improvement and the standing of the Institution. Able staff with a higher capability, State-of the craftsmanship labs and great situation record empowered fixing of better expense by the Govt. Fee Regulatory Authority. Coming up next are the various approaches to assembling the assets in the Institution.

1. Tuition fee:

The major source of revenue generation is tuition fees collected from students. The appropriate fee is fixed, as per the norms, by Fee Regulatory Authority of Govt.

2. Rentals:

Computer labs and test centres generate revenue by providing space and resources to various competitive exams like NEET etc.

RESOURCE UTILIZATION

The resources are utilized for the following as per the approved budget.

- Employee Salaries & benefits are a major component of expenditure.
- Furniture, Laboratory Equipment and Consumables, etc.
- Library.
- Skill Development and Innovation
- Training & Placement.
- Computer & Printers maintenance.
- Wi-Fi, Internet & Networking.
- Student Services - NSS, Sports.
- Power and fuel.
- Printing and Stationery.
- Postage and telephones.
- Affiliation and Renewals.
- Travel and conveyance.
- Repair, Replacements, and Maintenance.
- Taxes and licenses.
- Scholarships to merit and poor students.
- Campus maintenance.
- Events.
- Miscellaneous expenses.

LIMAT has a system of both internal and external audits for all the financial transactions carried out in the institute every financial year. Accounts department headed by Manager (Accounts) maintains financial accounts daily and prepares all financial statements and submits them to all statutory bodies like AICTE, UGC, JNTUK and State Government as and when required.

Internal Audit:

The principal constitutes an Internal Financial Audit Committee (IFAC) with three members. The IFAC verifies all the financial transaction statements by checking Cashbook, Bank accounts, Ledgers, Bills, Vouchers, and statement of cash position and cash flow physically and conducts sample check on the heads of various accounts, balance dates, and postings. The IFAC was suggested to send reminders to students and the parents and is implemented from the academic year 2017-2018. In the year 2018-2019, to make it convenient for the parents, online payments were suggested. It was implemented in the academic year 2019-2020 onwards.

Suggestions by Internal Audit team:

In the audit year, 2018-2019 it was suggested to collect the tuition fees at the beginning of the academic year to avoid arrears of payments. It was suggested to send circulars to students and reminders to the parents. The above proposal was implemented in the academic year 2019-2020 onwards.

External Audit:

Mr. S. Sree Rama Murthy, Narayan & Associates (Chartered Accountants), Vijayawada have been auditors for the institute since its inception. An annual external audit is conducted, and the reports are submitted to the management. With all statutory obligations duly complied, there were no major audit objections till the last audit. The last audit was done in the year 2022.

File Description	Document
Upload Additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

Internal Quality Assurance Cell (IQAC)

Vision

Realize an environment where quality is pursued across all Institute procedures to the best satisfaction of all stakeholders.

Mission

1. To regularly assess academic and administrative processes
2. To promote self-evaluation, responsibility, independence, and transparency through quality circles
3. To encourage the efficient use of cutting-edge technical expertise for activity automation.
4. To create protocols for each activity and then improve them in response to input from stakeholders.

Objectives:

- To establish a mechanism for monitoring the functioning of academic, research, infrastructure, finance, maintenance, and Faculty & Student welfare wings of the institutions.

Functions:

- Taking feedback on quality efforts from institute stakeholders.

- Periodical conduct of Academic and Administrative Audits and it follow up.
- Raising awareness of different quality criteria.
- Planning workshops and seminars for professors and students on quality development.

1. Institutionalization of OBT & CBT:

IQAC suggested introducing open book test & closed book test patterns for the classroom teaching in the year 2019-2020. Students are encouraged to enhance their skills in preparation, analysis, and execution of content. These practices will improve the self-learning skills and creativity.

Outcome: The continuous effort of IQAC towards OBT & CBT has resulted in getting a good mark in internal examinations as well as semester end examinations.

2. Infrastructure:

IQAC infrastructure initiatives:

- The institute increased the total number of computers from 300 to 475 during the last five years.
- Wi-Fi facility to all classrooms and Library.
- Suggested to enhance the language lab with latest i5 processor-based systems for first year students.
- Suggested to have Competitive exam cell (CEC) to encourage the competitive exam like GATE, GRE etc. aspirants.
- A new set of classrooms with ICT facility.

Review of Teaching Learning Process:

1. Performance Based Self Appraisal System (PBSAS) and student feedback

- All faculty members must keep a course file for each subject they teach.
- Lesson plans, course outcomes, and attainments are all included in the course file, along with details on various teaching techniques, including ICT-based teaching through Power Point presentations, group discussions, inspirational movies, etc.
- It is also done to set up test questions in line with learning outcomes (COs), assess them, and map them to programme outcomes.
- It is done to review the semester's results and analyse the students' grades and CO-PO achievement.
- For the proper evaluation of faculty performance, HoDs, the IQAC coordinator, and the principal audit the internal response scripts of randomly chosen courses.
- At the conclusion of each semester, a course end survey is completed to assess the students' achievement of the learning objectives.
- To evaluate the faculty's effectiveness as teachers, feedback is gathered in the middle and at the end of the semester.

2. Academic audit

Frequent internal and external academic audits conducting by IQAC in cooperation with Instruction Division (ID). A coordinator is assigned to each department who gathers all the information on academic matters such as lesson plans, the teaching methods used by the faculty, evaluation, student counselling, and feedback. The HoD, who is a participant in AC/IQAC, provides guidance to the department coordinator.

File Description	Document
Upload Additional information	View Document

6.5.2 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2.Collaborative quality initiatives with other institution(s)/ membership of international networks**
- 3.Participation in NIRF**
- 4.any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc**

Response: B. Any 3 of the above

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years

Response:

Gender equality & sensitization in curricular and co-curricular activities

LIMAT believes in equality for all genders and has taken many initiatives to sensitize the community about the importance of women in society. For gender sensitization, every year curricular and co-curricular activities are conducting through various activities like debates, discussions, seminars, theatrical performances, and other forms of arts.

The management's commitment to women's empowerment is evident in their recruitment of women faculty at a rate equal to or more than 50%. The ratio of male to female staff is 2:1, average ratio of Boys and Girls in the college is also 2:1. The college implementing awareness program on gender equality (Gender equality day) and women's rights. Girl students and faculty participated in a program to raise awareness about women's safety in cyberspace. As a practice, every year during the start of academic year this type of programs are arranged by AP Police Department to give awareness on Anti-Ragging, women laws, and protection.

Our curriculum has courses on Gender Sensitization and Human values and Ethics, to enable

students to think away from fixed gender discriminatory rules of the society. Students have a look at basic Human Aspirations, Right understanding, Relationship and Physical Facilities and understand the basic requirements for fulfilment of aspirations of every human being with their correct priority. Understand Harmony in the Family and Society and holistic perception of harmony at all levels of existence. Girls and female teachers participate in sports and games.

International Women's Day is celebrated annually on campus. Many programs designed to promote gender equity are conducted by inviting eminent speakers.

LIMAT is committed to promote the regional, linguistic, communal socio-economic diversity by celebrating special days like Women's Day, Gender Equality Day, Teachers' Day, Yoga Day, Independence Day, Republic Day, Human Rights Day, Vigilance Awareness week etc. and national festivals like Sankranti, Ganesh Chaturthi, Holi which is a common practice in LIMAT through such events helps foster a sense of community.

Counselling

Separate Counselling sessions are arranged for girls and a team of faculty is available for mentoring students with depression, psychological problems, and even gender-related issues.

Career development programs by experienced speakers are also conducted to guide and motivate.

Safety & security

- The entire campus is under CCTV surveillance.
- An Internal Complaint Committee has been constituted to receive the complaints from girl students and to seek medical, police and legal intervention with the consent of the complainant.
- Anti-ragging squad is maintained to ensure that no ragging takes place.
- A safe environment that is free of sexual harassment.
- An atmosphere promoting equality and gender justice.
- Visitors log register is maintained and passes are provided to the visitors.
- Extra security precautionary measures are taken when there are events beyond college hours.
- Organised a program in the college with SHE TEAM of Vijayawada city police for the girls to bring the awareness on self-protection and an app “DISHA”, created by SHE TEAM was installed in the mobile phones of all the girl students and female faculty members.

File Description	Document
Upload Additional information	View Document

7.1.2 The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

Response: B. 3 of the above

File Description	Document
Upload supporting document	View Document

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)**Response:**

By fostering an environment that fosters a sense of belonging, the institution creates an inclusive environment where human diversity is respected and embraced. Everyone is regarded and cherished for his or her individuality, which is acknowledged and cultivated, and their skills are frequently used in an inclusive setting. People are respected because of their differences, not despite them, in an inclusive atmosphere, allowing everyone to engage freely and flourish. The institute upholds complete transparency in admissions that are made based on merit. Because students from many castes, religions, and regions are enrolled in the college without facing any prejudice, the college believes in the equality of all cultures and traditions. Students are not divided based on their social, geographical, linguistic, or community backgrounds. Students are given equal opportunity to participate in numerous activities regardless of their caste, creed, religion, or geography. The institution has conducted NSS activities to foster a sense of cohesion, order, and harmony. The initiatives implemented by the NSS activities in our institution lessen socioeconomic differences and move people closer to living in harmony and tolerance. Maintaining tolerance and harmony among students is made possible in large part by the anti-ragging cell. Since the cell's creation, there has not been a single instance of ragging reported, demonstrating its effective operation. In order to ensure harmony among the students, a grievances redressal committee has also been established to address the grievances among students to maintain harmony in the college. No serious grievances have been reported till date. The Girl students are urged to assume leadership positions and actively participate in all extracurricular activities. Events are also held to advance gender equality. Industrial visits expose students to real-world difficulties and help students from all backgrounds adapt to one another, fostering unity and tolerance within the organisation. A cultural group called Tarang hosts plays, skits, competitions, and guest lecturers to teach students about their social obligations and the effects of their acts. The institute supports cultural events like Sankranti Sambralu, Vinayaka Chaturthi, Independence Day etc to meet that foster peace among racial and ethnic differences. Students are encouraged to take part in a variety of co-curricular and extracurricular activities so that they can interact with one another and peacefully express their thoughts and differences. The institute offers financial aid in the form of merit and poor scholarships and offers aptitude and general knowledge training to interested students to prepare them for competitive tests. The social welfare department can provide SC/ST pupils with books from the Central Library's book bank. In the college, commemorative days including Women's Day, Teachers' Day, Yoga Day, and national holidays are also observed. The holding of these events supports regional, linguistic, societal, economic, and other diversity. The institute regularly every year conducts Vigilance awareness week and Human Rights Day to foster the awareness on social responsibilities and rights in the young minds. In the curriculum, some courses are also prescribed by the University like Environmental science, human values & professional ethics, Indian constitution etc. and through these course implementations strictly in academics the institute ensures the development of the student with a social conscious minded student.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

Response:

Best Practice – I:

Title: Student Welfare Division (SWD)

A specially designed division for the all-round development of the students during their stay in the campus

Objective:

- To make the students socially responsible
- To train the students on life skills so that they can excel in their academics and in the careers of their choice.
- To train them in all-round activities for their holistic development

The Context:

- Most of the company's value workers with volunteerism experience. Students must therefore practise being socially responsible. Students can access chances and advantages around the world by taking part in social activities. Additionally, they are aware of what it means to be responsible citizens.
- The capacity to master the things has a direct impact on how you feel about oneself, their emotional balance, physical health, and independence. Life skills might include the ability to manage emotions, health, finances, relationships, and academic performance. Understanding some fundamental life skills might also help to avoid facing mental health issues or helps in dealing with them more effectively.
- The cultural activities enhance the confidence level of the students thereby allowing them to perform better. These activities develop the personality of the students and assist them in shaping a good career.

The Practice:

LIMAT strongly believes that students' comprehensive development by the academic learning programs blended with various extracurricular activities. The goal is to provide the right knowledge, skills, and training so that its students can practise their professions to the highest standards possible. Effectuating this task, the college has started SWD, working with the motto of bridging the gap between the teachers and the students and among the students of different streams promoting communication and coordination skills.

This organization spurs up the social intelligence and responsibilities by conducting various philanthropic, social and ethnic activities. SWD conducts different activities which includes symbiotic, traditional and social forms.

Some which are like:

Training sessions on life skills

Conducting social awareness campaigns

Independence Day/ Republic day/ Women's day etc.

Green environment & tree plantation

Traditional festivals like Ganesh chaturdhi etc.

These activities develop the personality of the students and assist them in shaping a good career. Also, devotional attachment will help us to grow in right direction. These festivals have a significance which can show us a way how to live.

Evidence of Success:

With the combined effort and commitment of the institution and students, the institution has achieved very good number of cultural event participations and reached the expectations of the students in exploration of their interests and developmental activities. Before the SWD constitution, the training and placement cell carried these activities to provide life skill trainings and capacity building trainings. Only those who enrolled and interested can engaged in this and results in few placements as evidence. Now by taking up the challenge by SWD, more students are getting connected, involved, and benefitted in all objectives as specified and it is shown in improved placements from past two years. Overall participation of the students is drastically improved from event to event and witnessed that the organization skills, managerial skills, teamwork, team build, and event management skills are enhanced. At the start of the SWD the organization of workshops, seminars and events is done only at the rate of average 10 volunteers per event, today it was increased to 45.

Problems Encountered and Resources Required:

- Time plane for conducting more and more training sessions, due to fixed academic calendar by JNTUK

Best Practice – II:

Title: Educational Development Division (EDD)

A specially designed division for the skill enhancement using modern training methodologies for the all-round development of the student academics.

Objective:

- To promote Education development activities related to teaching-learning Methodology
- To use by students and teachers for the transformation of teaching pedagogy
- To train the faculty towards the usage of modern tools of TLP

The Context:

To Improving the quality of the Teaching-Learning Process in the Institution. It has been proven that the use of ICT in the classroom increases the motivation of the students, showing more interest and becoming more involved in the areas they study. ICT enables the use of innovative educational resources and the renewal of learning methods, establishing a more active collaboration of students and the simultaneous acquisition of technological knowledge.

The Practice:

The following activities are planned to accomplish the task:

- Planning conceptual and application part of unit
- Video animation for PPTs to impart practical knowledge and current trends of the concerned course
- Make use of the digital touch panel, which is an up gradation to the chalk and talk technique
- Train the students and faculty with simple techniques of animations and industry needs
- The quality of the recorded modules will be initially cross verified by the EDD team and then cross verified by the concerned branch technical expert or HOD in view of the lecture notes and technical aspects of the topic

Evidence of Success:

After establishing the EDD, every faculty member gets aware of using ICT and modern tools for the transformed Teaching Learning Process. It is shown the result as the motivation levels of the students are greatly improved even the learning activity is scheduled beyond the hours. It is due to the interactive sessions developed and the delivery mechanism is so interesting. The absenteeism of students is greatly reduced to 3% after initiating the EDD in academics. The evidential fact is that all the students are aware of using ICT for their self-learning and get benefitted from it. A vide resourceful and impactable course content preparation is possible through these ICT implementations in academics.

Problems Encountered and Resources Required:

The Interactive boards needs more practice by both faculty as well as student for effective learning and teaching.

The establishment of EDD is a right step to develop the TLP to the industry 4.0 requirement and to make the students for industry ready saleable product.

File Description	Document
Any other relevant information	View Document
Best practices as hosted on the Institutional website	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

STUDENT WELFARE DIVISION (SWD)

LIMAT strongly believes that students' comprehensive development is through the academic learning programs blended with various extracurricular activities. It further opines that these activities are a great way to demonstrate the interests and talents of the students. Effectuating this task, the college has started SWD, working with the motto of bridging the gap between the teachers and the students and among the students of different streams promoting communication and coordination skills. This organization spurs up the social intelligence and responsibilities by conducting various philanthropic, social and ethnic activities. The vivid participation of the students help them to develop their leadership skills, commitment towards the society and multicultural competence. SWD conducts different activities which includes symbiotic, traditional and social forms.

Some which are like:

- Orientation Day for first year students
- Independence Day
- Cleanliness
- Green environment & tree plantation
- Gender sensitization
- Traffic rule awareness
- Traditional festivals like Ganesh chaturdhi etc.

and many more...

Organizing these activities on the campus has made the students proactive, boosted up their confidence, enriched creativity and sensitized them towards social causes.

YOUTH FOR SEVA:

Rally for Rivers: Students of LIMAT participated in a program called, "Rally for Rivers", a comprehensive solution to save Indian rivers and to raise awareness about the existing environmental issues in India..

SAHAAYKARTH:

LIMAT has started a social organization called SAHAAYKARTH which literally means helping hand to the needy. The impulsion of this organization is to pacify the human suffering and all- round amelioration of society especially, the poor, the helpless and the weaker sections involving the students making them aware of their social responsibility towards the society.

It adheres to a policy of striving for the betterment of the society by providing scope for poor children's education, educating people about environment, providing health assistance, sensitizing the students towards gender issues and access to medical health. SWD will monitor the activities and the college takes pride in announcing that there are around four hundred members of this organization.

A card is issued to the members and daily one rupee is donated by the members which is utilized for different welfare activities. Implementing the purpose of the organization, an amount of Rs.40,000/- was collected and donated.

Few volunteers along with the faculty went to the orphanage home located at Surampalli village on 26 January 2019. The team distributed the food supplies and general items to the students. The team also encouraged SAY NO TO PLASTIC USE in the program.

The students to such welfare programs aroused the feelings of self satisfaction for both the students and the committee.

FREE BOOK BANK:

Free books are provided for under privileged students, specially for SC&ST students (the recipients of scholarships from Telangana govt) to support them in having uninterrupted learning, in students' education. turn contending as a service to the society by providing scope for poor.

COURSERA

The covid-19 epidemic has had a significant impact on Indian education. Online education has supplanted traditional instruction. The LIMAT College moved forward with implementing cutting-edge educational techniques after quickly accepting the inevitable change in the educational system. It has partnered with Coursera, a platform created as part of a global initiative to help schools and universities deliver courseware online, to move forward with this enormous undertaking. Five hundred eighty-eight students, including instructors, have registered in Coursera since April. They have completed guided projects, obtained certifications, and kept up with the latest developments.

SPOKEN TUTORIAL

Remote Learning Through IIT, Bombay

Technology and connectivity of people is the only way to equip the students to combat with future. Implanting the ability to adapt and selflearn in the present cut throat competitive world. all the time to the students has become a prerequisite Selflearn education imparted by the institution. Facilitating the Engineering College ing , highly a personal process reinforces the selflearning process of its students, LIMAT is associated with a Knowledge Partner Spoken strongly aims atspreading IT literacy all over India.Tutorial, IIT Bombay which The Spoken Tutorial Project is about teaching and learning a particular FOSS (Freeand Open Source Software) like Linux, Scilab, LaTeX, PHP & MySQL, Java,C/C++, Libre

Office etc. via an easy Video tool Spoken Tutorials Google awardwinning MOOC.

Through internships, the college collaborates on learning opportunities with agencies like BSNL and All India Radio, Doordarshan kendra, Kusalava Hyundai etc. Additionally, students were taken on field trips to Door darshan, AIR, and Microwave Stations, Mechanical workshops, electronic industries nearby like INCAP pvt ltd. For further professional training for training management students towards entrepreneurship, the college collaborates with Digital Manju Pvt Ltd. The institution also supports the students' overall growth. From first year onwards, students receive training in language and communication skills. Beginning in the third year, regular training programmes for campus placements are offered. Training programmes tailored to each company are planned. Both technical and non-technical skills are taught in a structured manner.

It is crucial that the Industry and Institute continue to engage to improve the interaction between the industrial community and our institution, which offers a great forum for teachers and staff to learn about what the industrial world expects from graduates. In LIMAT, the Industry Institute Interaction Cell (IIC) provides as a platform to highlight the best practises, most recent technological advancements from an industry standpoint, and their application. Additionally, IIC encourages industry professionals to actively participate in career development programmes and curriculum implementation, both of which are crucial in developing students' skill sets in accordance with industry expectations.

Our students benefit from the Entrepreneur Development Cell's (EDC) periodic workshops, seminars, and training programmes, which are tailored to the needs of the industry/business. A special division named Training division is established in the college to give ample training in core, Life and soft skills to the young minds and facilitating with a continuous assessment to verify themselves the level of acquired knowledge and skill set. The institute tries its best to provide all the graduates with the necessary skill sets so they may enhance their profiles and find good jobs.

File Description	Document
Appropriate web in the Institutional website	View Document
Any other relevant information	View Document

5. CONCLUSION

Additional Information :

Coursera: The institution is having registered in Coursera courses and offering to students for enhancing their knowledge levels.

Digital Interactive Boards: The use of digital interactive board made mandatory for every course at least for few hours to conduct various active learning methods like Video synthesis, animations etc..

MoUs: Having a MoU with Andhra Pradesh State Skill Development Centre (APSSDC) for skill development activities

Test Centre: The institution has been recognized for conduction of National eligibility tests like NEET, EAMCET

Alumni: Prominent Alumni of LIMAT ready to contribute their services like Knowledge Sessions, placement assistance etc.

Faculty: The strength of the institute is faculty, with dedication and commitment, good number of PHD doctorates to occupy various administrative positions. Every faculty is encouraged to register for PHD, and they are working towards attaining their doctorate degree and publishing their research work in reputed journals.

Transport: Offering free transport facility to the teaching and non-teaching staff, and subsidized fee for the students.

Cafeteria & Canteen: Subsidized canteen (50%) for the welfare of teachers and staff.

Leaves: Festival advances, special leaves like Maternity/Paternity/Higher Education

Concluding Remarks :

The Institute tirelessly to deliver high-quality, value-added education so that graduates can develop holistically and be equipped with skills for lifetime learning on both a professional and personal level. By completing a decade, the institute is well grown and delivering a quality service to the stakeholders which is a dream of the founder with the inspiration of freedom fighters' legacy.

The institute is aware that receiving accreditation from numerous agencies is necessary. The institute aspires to become an independent college having NBA accreditation for advancement. To enhancing students' employment possibilities, the college wants to provide more specialised technical courses that are both inter- and multi-disciplinary and socially relevant. The goal of the college is to receive funding and grants for research. By offering faculty and students incentives, it will be possible to activate the R&D cell, by incentive policy to bring the real essence of knowledge.

All of the institution's statutory committees, including the Governing Body, Academic Council, Finance Committee, and various non-statutory committees, are in charge of making and implementing decisions

regarding academic and extracurricular activities. IQAC has been making a substantial contribution to maintain and improve the institution's operation in every way. The institution's service policies, which are compliant with regulatory organisations, apply to the faculty and personnel.

The training and placement cell provides the students with the appropriate training and helps them find jobs. The college wants to launch a lot more programmes to help students advance to higher education. Additionally, it plans to launch a great deal more projects aimed at raising students' awareness of gender and environmental issues to make globally qualified ethical citizens.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.3.2	<p>Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)</p> <p>1.3.2.1. Number of students undertaking project work/field work / internships Answer before DVV Verification : 1154 Answer after DVV Verification: 856</p> <p>Remark : DVV has made the changes as industrial visits, site visits etc. Consider only project and internships.</p>																				
3.1.1	<p><i>Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)</i></p> <p>3.1.1.1. Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs) Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>019</td> <td>13</td> <td>23</td> <td>16</td> <td>011</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Remark : DVV has given the value as HEI has not provided supporting documents as per SOP</p>	2021-22	2020-21	2019-20	2018-19	2017-18	019	13	23	16	011	2021-22	2020-21	2019-20	2018-19	2017-18	0	0	0	0	0
2021-22	2020-21	2019-20	2018-19	2017-18																	
019	13	23	16	011																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
0	0	0	0	0																	
3.2.2	<p><i>Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years</i></p> <p>3.2.2.1. Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>8</td> <td>11</td> <td>11</td> <td>9</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>6</td> <td>07</td> <td>08</td> <td>8</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	10	8	11	11	9	2021-22	2020-21	2019-20	2018-19	2017-18	9	6	07	08	8
2021-22	2020-21	2019-20	2018-19	2017-18																	
10	8	11	11	9																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
9	6	07	08	8																	

Remark : DVV has made the changes as considered workshops/ seminars conferences including on Research methodology, Intellectual Property Rights (IPR) and entrepreneurship only.

3.3.1 Number of research papers published per teacher in the Journals on UGC care list during the last five years

3.3.1.1. Number of research papers in the Journals notified on UGC CARE year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
5	8	15	7	5

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
4	3	11	3	4

Remark : DVV has made the changes as HEI has not provided the link for the publications to UGC CARE list.

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years

3.4.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
23	9	16	23	24

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
13	4	7	12	13

Remark : DVV has excluded the activities such as Republic day, Women's Day Celebrations, Teachers day, National sports day etc.

3.5.1 Number of MoUs, collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research and other academic activities during the last five years:

Answer before DVV Verification :

Answer After DVV Verification :41

Remark : DVV has made the changes that MoUs is for more than one year it will be counted only once.

4.4.1 Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)

4.4.1.1. Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
249.94	28.54	141.35	273.79	166.91

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
195.35	12.36	89.35	12.32	98.2

Remark : DVV has excluded those expenditure on Advertisement, Electricity charges, Examination maintenance, Hostel maintenance, Bus maintenance, Printing stationery etc.

5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following

1. *Soft skills*
2. *Language and communication skills*
3. *Life skills (Yoga, physical fitness, health and hygiene)*
4. *ICT/computing skills*

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. 3 of the above

Remark : DVV has select B. 3 of the above as per shared report by HEI.

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

5.1.3.1. Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1002	1189	1044	1123	1076

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18

869	968	986	1056	856
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Remark : DVV has excluded general coaching for govt. sector jobs .

5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

5.3.1.1. 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 wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1	3	6	0	3

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
0	1	0	0	0

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

5.3.2.1. Number of sports and cultural programs in which students of the Institution participated year wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
23	0	24	7	24

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
16	0	12	5	18

Remark : DVV has made the changes as such as PAPER PRESENTATION, SEMINARS etc. Further all activities conducted under sports/cultural events to be counted as one event.

6.2.2 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Answer before DVV Verification : A. All of the above
 Answer After DVV Verification: D. Any 1 of the above
 Remark : DVV has select D. Any 1 of the above as per shared report by HEI.

6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
128	124	110	116	125

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
112	96	85	69	95

Remark : DVV has made the changes as the supporting documents shows only request letters and no proof for payment . Hence, the data may not be considered.

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
156	183	182	167	200

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
124	112	136	121	195

6.3.3.2. Number of non-teaching staff year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
30	25	36	31	21

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
30	25	36	31	21

Remark : DVV has made the changes as FDPs less than five days not to be considered. Same faculty attending multiple FDPs in a year to be counted as one.

6.5.2

Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality initiatives with other institution(s)/ membership of international networks**
3. **Participation in NIRF**
4. **any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. Any 3 of the above

Remark : DVV has select B. Any 3 of the above as per shared report by HEI.

7.1.2

The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Answer before DVV Verification : A. 4 or All of the above

Answer After DVV Verification: B. 3 of the above

Remark : DVV has select B. Any 3 of the above as per shared report by HEI.

2.Extended Profile Deviations

Extended Profile Deviations
No Deviations