Institutional Strategic Plan
2022-2027

LENDI INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTUGV, Vizianagaram)
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FOREWORD

Lendi Institute of Engineering and Technology (LIET) is committed to achieving academic excellence and technological innovation by producing globally competent technocrats through value-based education, cutting-edge research, and industry-aligned learning to meet the holistic needs of society and industry. This Institutional Strategic Plan (2022-2027) serves as a comprehensive roadmap to elevate our institution's growth trajectory in alignment with our vision and mission.

This strategic plan has been meticulously developed by incorporating insights from various stakeholders, including faculty, students, industry experts, and academic leaders. It highlights our commitment to fostering a robust academic ecosystem, strengthening research initiatives, enhancing infrastructure, and extending our societal impact.

Through the implementation of this plan, LIET aims to achieve global recognition, provide quality education, and equip our students with the necessary skills to thrive in a rapidly evolving world. I congratulate the College Academic Committee for their dedicated efforts in formulating this plan. I extend my sincere gratitude to the Governing Body for approving this plan.

I am confident that with collective dedication and perseverance, LIET will continue to set new benchmarks in engineering education and research.

Dr.V.V.Ram Reddy
Principal, LIET

Vision

Producing globally competent and quality technocrats with human values for the holistic needs of industry and society.

Mission

- Creating an outstanding infrastructure and platform for enhancement of skills, knowledge, and behaviour of students towards employment and higher studies.
- Providing a healthy environment for research, development and entrepreneurship, to meet the expectations of industry and society.
- Transforming the graduates to contribute to the socio-economic development and welfare of the society through value-based education.

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1. Introduction

The Institutional Strategic Plan is a comprehensive document that fulfills the institution's vision, outlines its priorities, and defines the strategies to achieve them. The 5-Year Strategic Plan of Lendi Institute of Engineering and Technology (LIET) for the period 2022–2027 serves as a roadmap for aligning the institution with its vision and mission, ensuring sustainable growth, academic excellence, and meaningful community engagement.

This plan focuses on key areas such as achieving academic excellence, enhancing infrastructure, promoting research, and fostering community development. It reflects LIET's unwavering commitment to innovation, sustainability, and the holistic development of students, preparing them to meet the evolving needs of industry and society.

The Key objectives to design the Strategic Plan:

- To help LIET fulfill its vision and mission.
- To create long-term value for students, faculty, and stakeholders.
- To foster innovation and continuous improvement.
- To facilitate collaborative decision-making on resource allocation.
- To ensure adaptability and resilience in an evolving educational landscape.

Strengths:
- Strong academic programs aligned with industry trends.
- Qualified faculty with research expertise.
- Well-established infrastructure and laboratories.
- Rapid curriculum updates to meet the technological advancements
- Strong student placement records.
- Strong and effective industry-academia collaboration.

Opportunities:
- Integration of AI, Data Science, and other emerging technologies in the curriculum.
- Expansion of research funding and patent filings.
- Increased industry tie-ups and international partnerships.
- The global exposure for students and faculty.
- Competitive higher education landscape.

2 Strategic Plans

4.1 Academic Excellence:

Goal: Achieve excellence in education through outcome-based learning and accreditation compliance.

S.No	Parameter	Strategic Plan
4.1.1	Outcome-Based Education (OBE):	Strengthen the implementation of OBE principles for all academic programs.
		Achieve full compliance with NBA and NAAC accreditation requirements.
4.1.2	Curriculum Development:	Revise curricula every 3 years to integrate emerging technologies
		Offer value-added courses and certifications in collaboration with platforms like NPTEL, edx Coursera, and industry leaders.
4.1.3	Student Success:	Increase overall student placement rates to 85% by 2027.
		Introduce industry-driven capstone projects and internships in collaboration with leading companies.
		Obtaining the national level GATE Ranks below 100 by 2027.

4.2 Campus Expansion and Infrastructure Development:

Goal: Enhance campus facilities to support holistic student development.

S.No	Parameter	Strategic Plan
4.2.1	**Infrastructure Enhancement**	Construct additional academic blocks, hostels, and a centralized library with digital resources.
		Develop a Center of Excellence (CoE) for emerging technologies.
4.2.2	**Laboratory Upgrades**:	Modernize existing labs and set up specialized labs for Data Science, AI, and Renewable Energy.
4.2.3	**Green Campus Initiative:**	Install a 500 kW solar power plant to promote sustainability by 2027.
		Achieve 100% paperless administration by 2027.

4.3 Research and Innovation:

Goal: Promote research culture and innovation-driven ecosystem.

S.No	Parameter	Strategic Plan
4.3.1	**Research Development:**	Establish a Research and Development (R&D) Cell to promote interdisciplinary research.
		Aim for 100 publications annually in Scopus and WoS-indexed journals.
4.3.2	**Collaborative Projects:**	Partner with government bodies like DST and AICTE to secure Rs. 1 crore in funding for research projects by 2027.
		Collaborate with industries for applied research and innovation.
4.3.3	**Patents and Startups:**	File 100 patents by 2027 and encourage commercialization of at least 5 innovations.
		Set up an incubation center to support 10 startups annually.

4.4 Faculty Development

Goal: Empower faculty with skills, knowledge, and incentives.

S.No	Parameter	Strategic Plan
4.4.1	**Capacity Building:**	Organize two Faculty Development Programs (FDPs) per semester on pedagogy, research, and technology.
		Encourage faculty to pursue PhDs and participate in international conferences.
4.4.2	**Faculty Retention:**	Provide performance-linked incentives for research, publications, and consultancy.
		Ensure a student-to-faculty ratio of 15:1 by 2027.

4.5 Student Development and Welfare

Goal: Equip students with skills and opportunities for career success.

S.No	Parameter	Strategic Plan
4.5.1	**Skill Development**:	Introduce dedicated training programs on soft skills, coding, and domain-specific certifications.
		Enhance entrepreneurial capabilities by organizing hackathons and innovation challenges.
4.5.2	**Global Exposure**	Facilitate student exchange programs with international universities by 2027.
		Encourage participation in global competitions and conferences.
4.5.3	**Financial Support**	Offer scholarships to meritorious and economically weaker students

4.6 Accreditation and Rankings

Goal: Establish LIET as a nationally and globally recognized institution.

S.No	Parameter	Strategic Plan
4.6.1	**National Recognition**	Secure top 200 positions in NIRF by 2027.
		Achieve A+ grade in NAAC accreditation and Tier-1 NBA accreditation for all eligible programs.
4.6.2	**Global Recognition**:	Work towards achieving QS and Times Higher Education World University Rankings by 2027.

4.7 Community Engagement and Sustainability

Goal: Strengthen LIET's role in community development and sustainability.

S.No	Parameter	Strategic Plan
4.7.1	**Social Responsibility**	Conduct free technical and skill development training for rural youth.
		Organize annual community programs focusing on health, education, and environmental awareness.
4.7.2	**Sustainability Initiatives**:	Promote tree plantation drives and reduce the campus's carbon footprint.
		Adopt surrounding villages under the Unnat Bharat Abhiyan scheme.

5. Implementation and Monitoring

Lendi Institute of Engineering and Technology (LIET) ensures the systematic execution, tracking, and refinement of strategic goals through the College Academic Committee, which oversees the implementation process, assesses progress, and makes necessary adjustments to align with institutional objectives for the effective implementation and continuous monitoring of the Institutional Strategic Plan.

Action Plans:

- To achieve the outlined strategic goals, each department and functional unit within LIET will develop detailed academic plans that define measurable steps, fostering accountability and efficiency.
- Departments will align their academic plans with the institution's broader strategic objectives to ensure coherence and consistency.
- Faculty and administrative teams will collaborate to implement initiatives that enhance academic excellence, infrastructure development, research promotion, and community engagement.
- Regular progress-tracking mechanisms will be established within each department to monitor the effectiveness of implementation.

Key Performance Indicators (KPIs): The following indicators will serve as benchmarks to assess institutional progress and ensure continuous improvement.

- **Academic Excellence:** Student placement rates, faculty qualifications, accreditation achievements, student performance metrics.
- **Research and Innovation:** Number of research publications, patents filed, industry collaborations, research grants secured.
- **Infrastructure and Facilities:** Completion of new academic blocks, lab enhancements, hostel expansions, digital resource availability.
- **Community Engagement:** Participation in social initiatives, outreach programs, sustainability efforts, and collaborations with rural communities.
- **Faculty Development:** Number of Faculty Development Programs (FDPs), faculty participation in research, conference presentations, and international collaborations.

6. Conclusion

The LIET Institutional Strategic Plan (2022-2027) provides a structured roadmap to achieve academic excellence, innovation, and societal contribution. By fostering a culture of collaboration and continuous improvement, LIET aspires to become a globally recognized institution that nurtures talent and drives technological progress.

This document was approved by the Governing Body before 2022 and serves as the official strategic roadmap for Lendi Institute of Engineering and Technology (LIET) for the period 2022-2027.

S.No	Parameter	Strategic Plan	Implementation/Status
1	**Academic Excellence**		
1.1	Outcome-Based Education (OBE):	Strengthen the implementation of OBE principles for all academic programs.	Regressively implemented in every year. Further, every year we organizing FDP programs on OBE Implementation strategies.
		Achieve full compliance with NBA and NAAC accreditation requirements.	Institution working in this direction to achieve the accreditation in 2025
1.2	Curriculum Development:	Revise curricula every 3 years to integrate emerging technologies	In 2023, B.Tech curriculum is revised with emerging technologies and incorporated the industry and societal needs.
		Offer value-added courses and certifications in collaboration with platforms like NPTEL, edx Coursera, and industry leaders.	Every year, The institution offering the value added courses and also continuously encouraging the students and faculty to pursue certificates from NPTEL, Edx , etc. Every year 2000+ students are completing the certificate courses.
1.3	Student Success:	Increase overall student placement rates to 85% by 2027.	Every increasing the placement and we are achieved nearly the targeted percentage. Now, we are much focusing on Core companies also.
		Introduce industry-driven capstone projects and	Every year 1500+ students and completing

S.No	Parameter	Strategic Plan	Implementation/Status
		internships in collaboration with leading companies.	the internships through online or at industry.
		GATE Ranks	We continuously guiding and encouraging the student to write GATE. Two last year, we achieved significant number increment in GATE towards GATE and few of them got GATE ranks
2	**Campus Expansion**:		
2.1	**Infrastructure Enhancement**	Construct additional academic blocks, hostels, and a centralized library with digital resources.	Academic Block is constructed; additional floors are constructed at boys and girls hostel. New Labs are established
		Develop a Center of Excellence (CoE) for emerging technologies.	We are initiated to establishment of Centre of Excellence (CoE).
2.2	**Laboratory Upgrades**:	Modernize existing labs and set up specialized labs for Data Science, AI, and Renewable Energy.	New Labs are established with latest computers configurations. And Renewable Energy(Wind energy) lab is established
2.3	**Green Campus Initiative:**	Install a 500 kW solar power plant to promote sustainability by 2027.	200 KW Solar power plant is established.
		Achieve 100% paperless administration by 2027.	Examination software is using and reducing the paper in exam cell for pre and post examination process. Office automation software e-cap is using. By 2027, we will achieve 100% paperless administration
3	**Research and Innovation**		
3.1	**Research Development:**	Establish a Research and Development (R&D) Cell to promote interdisciplinary research.	Research and Development (R&D) Cell is established

S.No	Parameter	Strategic Plan	Implementation/Status
		Aim for 100 publications annually in Scopus and WoS-indexed journals.	Every year faculty publishing more 90 research article in reputed journals and index in Scopus and WOS. The Institution encourages the faculty with incentives for quality publication on the occasion of Teachers day celebrations.
3.2	**Collaborative Projects**:	Partner with government bodies like DST and AICTE to secure Rs. 1 crore in funding for research projects by 2027.	The institution encourages the faculty to get Research grants.
		Collaborate with industries for applied research and innovation.	The faculty members and department are collaborated with i industries for applied research and innovation
3.3	**Patents and Startups**:	File 100 patents by 2027 and encourage commercialization of at least 5 innovations.	The institution has more than 100 patent in the last three years.
		Set up an incubation center to support 10 startups annually.	Innovation and incubation cell is established for start-ups purpose.
4	**Faculty Development**		
4.1	**Capacity Building**:	Organize two Faculty Development Programs (FDPs) per semester on pedagogy, research, and technology.	Every year, all departments organizing minimum tw two Faculty Development Programs (FDPs) on pedagogy, research, and technology.
		Encourage faculty to pursue PhDs and participate in international conferences.	Nearly, 30 + Faculty members are acquired the Ph.D after joining in this institution.
4.2	**Faculty Retention**:	Provide performance-linked incentives for research, publications, and consultancy.	The Institution encourages the faculty with incentives for quality publication on the occasion of Teachers day celebrations. Last year, nearly Rs 5,00,000/- cash is presented to the faculty members for their

S.No	Parameter	Strategic Plan	Implementation/Status
			outstanding performance in research publications and patents
		Ensure a student-to-faculty ratio of 15:1 by 2027.	The institution maintaining 16:1 SFR in the institution.
5	**Student Development and Welfare**		
5.1	**Skill Development**:	Introduce dedicated training programs on soft skills, coding, and domain-specific certifications.	Skill development courses are introduced in the curriculum
		Enhance entrepreneurial capabilities by organizing hackathons and innovation challenges.	Awareness activities are organizing on entrepreneur development. Few students are in pipeline into this.
5.2	**Global Exposure**	Facilitate student exchange programs with international universities by 2027.	Initiated and working on this.
		Encourage participation in global competitions and conferences.	Encouraging the students to participate in global competitions and conferences.
	Financial Support	Offer scholarships to meritorious and economically weaker students	Offering scholarships to meritorious and economically weaker students along with in-service staff of this institution.
6	**Accreditation and Rankings**		
6.1	**National Recognition**	Secure top 200 positions in NIRF by 2027.	We participating in NIRF to get NIRF rank
		Achieve A+ grade in NAAC accreditation and Tier-1 NBA accreditation for all eligible programs.	Working on this
6.2	**Global Recognition**:	Work towards achieving QS and Times Higher Education World University Rankings by 2027.	Initiated and we will work on this after getting NBA and NAAC.
7	**Community Engagement**		
7.1	**Social Responsibility**	Conduct free technical and skill development training for rural youth.	Every year, we are conducting the training to the rural youth through Community Service Project(CSP) project.

S.No	Parameter	Strategic Plan	Implementation/Status
		Organize annual community programs focusing on health, education, and environmental awareness.	Organizing annual community programs focusing on health, education, and environmental awareness.
7.2	**Sustainability Initiatives**:	Promote tree plantation drives and reduce the campus's carbon footprint.	Tree plantations are initiated and the institution established the garden in the campus with variety of trees.
		Adopt surrounding villages under the Unnat Bharat Abhiyan scheme.	Adopted nearby villages