

Heritage Institute of Technology (HIT)

Institutional Strategic Plan (2025–2035)

1. Introduction

The Institutional Strategic Plan of Heritage Institute of Technology (HIT) is a comprehensive roadmap designed to guide the institution towards achieving its stated vision:

“To prepare dynamic and caring citizens to meet the challenges of global society while retaining their traditional values.”

The plan operationalizes this vision by integrating academic excellence, research, innovation, and entrepreneurship, aligned with national priorities such as Viksit Bharat 2047 and National Education Policy 2020, along with global frameworks like:

- SDG 17: Partnerships for the Goals
- SDG 4: Quality Education
- SDG 9: Industry, Innovation and Infrastructure
- SDG 8: Decent Work and Economic Growth

2. Vision–Mission Alignment with Strategic Planning

The strategic plan directly derives from HIT’s mission statements and translates them into actionable pillars:

Mission 1: Strong Academic Foundation

- Ensures high-quality education across disciplines
- Supports SDG 4 (Quality Education)
- Integrated into curriculum modernization and interdisciplinary learning

Mission 2: Critical Thinking & Lifelong Learning

- Promotes analytical skills, innovation mindset, and adaptability
- Encourages research-based learning and continuous skill development
- Supports SDG 4 and SDG 9

Mission 3: Entrepreneurial and Professional Skills

- Develops startup culture and industry readiness
- Encourages innovation-driven entrepreneurship
- Supports SDG 8 (Economic Growth) and SDG 9

Mission 4: Research, Development & Industry Interaction

- Strengthens R&D ecosystem and industry collaboration
- Enhances consultancy and applied research
- Supports SDG 9 and SDG 17 (Partnerships)

Mission 5: Leadership and Social Responsibility

- Develops ethical leadership and societal commitment
- Promotes sustainable and inclusive solutions
- Supports SDG 11, SDG 13, and SDG 17

3. Strategic Framework

3.1 Core Framework: RIE Model

- Research: Knowledge generation and problem-solving
- Innovation: Development of practical solutions
- Entrepreneurship: Startup creation and commercialization
- Impact: Societal and economic transformation

3.2 Enabling Framework: Partnerships & Sustainability

- Multi-stakeholder collaboration (SDG 17)
- Sustainable development focus (SDG 7, 11, 13)
- Industry-aligned skill development (SDG 8)

4. Strategic Thrust Areas (Aligned with Programmes & Mission)

4.1 AI, Data Science, and Digital Technologies

- Supports critical thinking and innovation (Mission 2)
- Enhances employability and entrepreneurship (Mission 3)
- Aligned with Digital India
- SDGs: 4, 9, 16, 17

4.2 Semiconductor and Electronics Systems

- Strengthens disciplinary foundation (Mission 1)
- Promotes research and industry interaction (Mission 4)
- Aligned with India Semiconductor Mission
- SDGs: 9, 8, 17

4.3 Smart Manufacturing and Industry 4.0

- Enhances professional skills (Mission 3)
- Promotes applied research (Mission 4)
- Aligned with Make in India
- SDGs: 8, 9, 17

4.4 Sustainable Infrastructure

- Supports societal development (Mission 5)
- Encourages sustainable engineering practices
- Aligned with Smart Cities Mission
- SDGs: 11, 6, 13, 17

4.5 Energy Systems

- Promotes environmental responsibility (Mission 5)
- Focus on renewable energy solutions
- Aligned with National Solar Mission
- SDGs: 7, 13, 17

4.6 Healthcare & Biotechnology

- Contributes to societal well-being (Mission 5)
- Encourages interdisciplinary innovation
- Aligned with Ayushman Bharat
- SDGs: 3, 9, 17

5. Research, Innovation and Entrepreneurship Ecosystem

HIT strengthens its ecosystem through:

- An active R&D Cell coordinating research initiatives
- Promotion of interdisciplinary research clusters
- Development of innovation labs and incubation support
- Encouragement of student and faculty startups

This supports:

- Mission 2 (innovation mindset)
- Mission 3 (entrepreneurship)
- Mission 4 (research and industry interaction)

6. Partnership and Collaboration Strategy (SDG 17)

HIT emphasizes strong partnerships with:

- Industry for internships, projects, and consultancy
- Academic institutions for joint research
- Government bodies for funded initiatives
- Alumni for mentoring and entrepreneurship

These partnerships:

- Enhance resource sharing
- Improve research quality
- Increase global engagement

7. Implementation Roadmap

Short-Term (0–2 Years)

- Strengthen R&D Cell
- Initiate MoUs and collaborations (SDG 17)
- Promote innovation activities among students
- Integrate research into curriculum (SDG 4)

Mid-Term (3–5 Years)

- Establish Centres of Excellence
- Expand funded research and consultancy
- Strengthen incubation ecosystem
- Develop international collaborations

Long-Term (5–10 Years)

- Achieve global recognition in research
- Develop deep-tech startups
- Lead large-scale collaborative projects
- Contribute significantly to national development

8. Governance and Institutional Mechanism

- R&D Cell: Research coordination and funding
- RIEC: Strategic planning and monitoring
- Incubation Centre: Startup ecosystem
- IQAC: Quality assurance and SDG alignment

9. Key Performance Indicators (KPIs)

- Publications and research output (SDG 9)
- Patents and innovations
- Startups and placements (SDG 8)
- Partnerships and MoUs (SDG 17)
- Student participation in innovation (SDG 4)

10. Impact Pathway

Education (SDG 4) → Research & Innovation (SDG 9) → Entrepreneurship (SDG 8) → Partnerships (SDG 17) → Sustainable Development (SDG 7, 11, 13) → Dynamic, responsible global citizens (Vision of HIT)

11. Conclusion

The Institutional Strategic Plan of HIT is deeply rooted in its Vision and Mission, ensuring that:

- Students are academically strong and professionally competent
- Graduates are innovative, entrepreneurial, and socially responsible
- The institution contributes to national growth and global sustainability

By integrating RIE, SDGs (especially SDG 17), and national missions, HIT is positioned as a future-ready institution committed to excellence, innovation, and societal impact.