



IIST
Indore Institute of
Science & Technology

**Indore Institute of
Science & Technology**

Affiliated to - RGPV (Bhopal) & Approved by - AICTE (New Delhi)



**VISION-MISSION
STATEMENT
&
STRATEGIC PLAN
2026 – 2040**





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PROLOGUE

I am delighted to share our Vision, Mission and Strategy for 2026–2040.

Our vision is to deliver excellence in all pursuits - with focus on research, best practices in teaching, exceptional education, technical knowledge, outstanding faculty, and ethical behaviour.

I believe that by 2040, institutions will be judged not only by the quality of education and technical competencies they impart, but equally by how their students shape up as good human beings - with a wider identity, purpose, and perception.

A Vision Document is a roadmap that guides an institution toward its desired destination, keeping in view the aspirations of students, faculty, society, and the nation.

Building upon our foundational vision, IIST now presents its Strategic Vision 2040 - to establish itself as a centre of academic and research excellence. We aspire to provide our students a forum to achieve their fullest potential by recognizing their inherent strengths and developing a professional ecosystem that enhances their technical competence.

We believe education is truly complete when it attains two objectives: preparing the student to nurture their inner self - encompassing body, mind, and soul - while equipping them to meet the challenges of the outer world with confidence and competence.

In other words, our endeavour is to prepare students for a better standard of living as well as a better standard of life.

The objectives of Vision 2040 are aligned with the National Education Policy 2020, contributing to “Atmanirbhar Bharat” and India’s aspirations as a global knowledge economy.

Arun S Bhatnagar
Arun S Bhatnagar IRS
Group Advisor
Sparsh & IIST Group of Institutes





VISION DOCUMENT

“To be a globally recognized institute of excellence to develop Industry-ready, spiritually empowered professionals.”





MISSION OF THE INSTITUTE

- 1. Academic & Technical Excellence:** To provide high-quality education and technical knowledge through state-of-the-art infrastructure and a motivated, highly qualified faculty, enabling students to excel in their respective fields and lead in the discovery of new knowledge.
- 2. Industry Readiness & Future Technology (4.2/5.0):** To enhance employability and innovation by integrating Digital Technology, AI, and industry collaborations across the curriculum, offer capacity-building programmes, preparing students as creative, critically thinking leaders for Industry 4.2 and 5.0.
- 3. Research & Innovation Ecosystem:** To foster a robust interdisciplinary, multidisciplinary and transdisciplinary research culture by establishing specialized Centres of Excellence and incubation facilities that promote entrepreneurship and the creation of intellectual property.
- 4. Holistic Growth & Spiritual Quotient:** To cultivate a high Spiritual Quotient and ethical mindset among students through value-based education, ensuring they are recognized for their commitment to excellence and societal well-being.
- 5. Sustainability & Green Ecosystem:** To maintain an environment-friendly, sustainable green ecosystem supported by modern infrastructure and amenities, providing a conducive atmosphere for lifelong learning and continuous professional development, contributing to the United Nations Sustainable Development Goals (SDGs).
- 6. Stakeholder Collaboration:** To synergize efforts with industry, research organizations, and global stakeholders to ensure students reach their maximum potential and contribute effectively to humanity and nature.





STRATEGIC PLANNING

2026–2040

IIST has formulated a comprehensive and progressive strategic plan for 2026–2040 in tune with its Vision 2040 and Mission, anchored firmly in its institutional strengths and the requirements of the evolving world of work. The plan is organized around eleven strategic pillars:

1. Strengthening Our Core Philosophy

- * Support meritorious and talented students regardless of their economic circumstances through merit-based scholarship, Financial awards and fee-assistance structures.
- * Retain and recruit exceptional, dedicated faculty and committed staff of integrity, backed by competitive compensation and a robust retention policy.
- * Emphasize holistic development based on the Samagra Samutkarsh Yojana — preparing industry-ready professionals (Industry 4.2/5.0), encouraging startups and entrepreneurship, communication, physical health, connect with nature, and social responsibilities.
- * Impart advanced technical knowhow through SIGs in Artificial Intelligence, Data Analytics, Blockchain, Quantum Computing, Drone Technology, Robotics, and other emerging areas.
- * Promote a culture of integrity, mutual respect, excellence, teamwork, and innovation across all levels.

2. Establishing Research Centre and Strong Incubation Cell

- * Make strategic investment in research infrastructure, library, and digital resources.
- * Prioritize funded research in AI, advanced electronics, drone technology, nano-materials, EMI shielding, semiconductor design, and other nationally important areas.
- * Pursue AICTE, MoE, MPCST, DST, and other government/non-government grants aggressively (building on existing AICTE SPICE, MODROB, RPS, and IDEALAB grants).
- * Encourage faculty members and students to register patents, copyrights, and file technology disclosures.
- * Establish an incubation cell and innovation hub for student startups and industry-linked product development.





3. Industry Interaction, Academic Collaboration, & MoU Ecosystem

- * Organize interaction with industry leaders, startup founders, alumni, and entrepreneurs at least once every two months through guest lectures, Skill Training, DAB meetings, and IIC activities.
- * Aggressively expand the MoU ecosystem with national and international universities, MNCs, research labs, and industry partners.
- * Participate in Government of India's innovative missions: MoE schemes, AICTE schemes, Smart India Hackathon, eYantra (IIT Bombay), Virtual Lab (IIT Delhi), Spoken Tutorial, and NPTEL/SWAYAM.
- * Develop industry-connected labs and sponsor chairs in emerging technology areas for research, incubation, and innovation.
- * Facilitate student and faculty exchange programmes with institutions of repute, and develop student exchange programmes with international universities.
- * Invite industry-sponsored labs, value addition certification and chair.

4. Academic Excellence and NEP 2020 Alignment

- * Pursue UGC autonomous status to design curricula more relevant to the world of work and emerging industry needs.
- * Offer educational programmes at multiple levels (certificate, diploma, undergraduate, postgraduate) in contact and hybrid modes.
- * Effectively implement Outcome-Based Education (OBE) and assessment philosophy across all programmes with robust CO-PO attainment and CQI mechanisms.
- * Redesign teaching delivery through student-inclusive smart classrooms, flipped classroom techniques, MOOCs, virtual labs, and project-based learning.
- * Introduce new programmes in emerging areas like Data Analytics, Nanotechnology, Robotics, Automation, and a 'School of Data Science' leveraging the power of data across all disciplines.
- * Develop innovative print and digital learning resources including case studies, modules, workbooks, and video programmes to enrich the teaching-learning process.
- * Adopt schools and hand-hold to improve the quality of education in adopted schools, educating teachers on digital technology and pedagogy, create awareness on policies





of government, donate useful digital resources to schools, invite school students and teachers to visit the IIST Indore and learn about technology and college life.

- * Integrate awareness of Indian knowledge systems, constitutional values and human values in all programmes offered by the institute.

5. Student Support System and Holistic Development

- * Strengthen the Career Development Cell for soft-skills, aptitude, attitude training, and career counselling; reorganize the Placement Cell for better industry connect.
- * Implement student profiling and early SWOT analysis to facilitate clarity for career and higher studies.
- * Provide Slow Learner support (remedial classes, mentoring, MOOC basics) and Advanced Learner pathways (expert lectures, NPTEL, hackathons, SIH, research publications, industrial visits).
- * Strengthen the student grievance redressal mechanism and initiate transparent feedback systems from students on various academic and non-academic aspects.
- * Utilize CSR funds and merit-based scholarships to support economically weaker but meritorious students.
- * Introduce systematic mentoring of students and teachers to harness their individual and team potential for the development of the self and the institute.
- * Develop students to become entrepreneurs, incubators and researchers.
- * Organise spiritual activities for students and faculty members to empower them to manage challenges.

6. Faculty and Staff Empowerment

- * Encourage and support faculty members to pursue higher studies, PhD, and post-doctoral research.
- * Sponsor teaching and non-teaching staff to attend FDPs, STTPs, seminars, conferences, and certificate programmes at premier institutions (IITs, NITs, etc.).
- * Provide competitive salary, strict implementation of Minimum Wage, ESIC, PF, and Gratuity, subsidized transport, and other staff welfare measures.





- * Recruit diverse doctoral faculty and post-doctoral fellows to strengthen research and enhance teaching quality in specialized areas.
- * Implement the 'Third-Century Faculty' initiative to engage online best researchers, teachers, and mentors to strengthen capabilities in emerging and strategic fields.
- * Recognize the unique achievements of students and faculty members and felicitate them.

7. Infrastructure Modernization and Smart Campus

- * Create and upgrade state-of-the-art labs including advanced facilities for 5G/6G, Semiconductor Design, VLSI, 3D Printer, MATLAB, AutoCAD Lab, Robotics, Drone, and AIML.
- * Make the campus fully AI-integrated for all academic, administrative, and research purposes, building on the existing ICT-enabled infrastructure.
- * Strengthen the e-library, virtual learning resources, and digital payment and management systems.
- * Develop an environment-friendly green campus with sustainable practices aligned with SDGs (plastic-free zone, biodiversity conservation, water harvesting, organic farming, agroforestry).
- * Establish a recording studio for developing learning resources on the latest and upcoming developments.

8. Extracurricular, Cultural, and Social Responsibility

- * Sustain and expand student clubs in multidisciplinary areas including Drone Club, AI Club, Robotics Club, Aero-modelling, Green Waves, and Technical Clubs.
- * Conduct Guest Lectures with intellectuals from Government, Corporate, and Society to provide real-world perspectives.
- * Encourage sports through in-house tournaments and guide students for national and international competitions.
- * Collaborate with local panchayats, municipal corporations, and schools to impart quality education to village schools, provide technical support to higher secondary institutions, and contribute to sustainable development.
- * Celebrate national festivals, Jayanti, and cultural events to nurture students' connection with national identity and values.





9. School of Data Science— 'School Without Walls'

- * Establish a School of Data Science specially intended to leverage the power of data across all disciplines.
- * Launch certificate programmes for UG and PG students in both offline and online modes.
- * Integrate data science, AI, and analytics into core programmes across all engineering branches.

10. Healthcare and Staff Welfare

- * Provide outstanding and affordable health care systems for faculty, staff, and students.
- * Ensure psychological wellness support and student counselling services for holistic wellbeing.

11. Monitoring, Quality Assurance, and Continuous Improvement

- * The implementation of the strategic plan will be monitored periodically by the IQAC, with detailed progress reports presented in review meetings at least once a year.
- * All reports will be forwarded for further discussions and implementation to the all stake holders.
- * Undertake regular academic and administrative audits for quality assurance, record keeping, and continuous improvement of systems and processes.
- * Implement quality and procedure manuals; ensure participation and transparency in institutional functioning at all levels.





Our Legacy

IIST's Unique Strengths

IIST's strategic planning is firmly grounded in the following institutional strengths and established legacy:

- NAAC Accredited Institute with A+ Grade in First Cycle.
- Top 5 Engineering College with a two-decade legacy of quality technical education.
- Samagra Samutkarsh Yojana - IIST's flagship holistic development programme for students.
- Dedicated Skill Improvement Groups (SIGs) in AI, IoT, Data Analytics, Cloud, Robotics, and more.
- Strong Industry-Academia network: eYantra IIT Bombay, Virtual Lab IIT Delhi, AWS Academy, Microsoft Imagine Academy, NPTEL Local Chapter, ACM Student Chapter, ISTE Chapter.
- 34+ active MoUs with industry partners, IITs, NITs, and research organizations.
- AICTE funded projects: SPICE (Drone Club), MODROB (Robotics/3D Printing), IDEA LAB, and RPS grant (₹28.48L) in recent years.
- Consistent SIH participation and achievement at IIT Guwahati, IIT Bombay, and national-level hackathons.
- ICT-enabled smart campus with 86" / 75" smart board, state-of-the-art labs, e-library, virtual labs, and GPU resources.
- High faculty retention and growing research output: SCI/SCIE, Scopus, IEEE, Springer publications with increasing citation impact.
- School Connect Programme for outreach to schools; alumni mentoring of student innovation projects.
- Green initiatives through Green Waves Clubs aligned with UN Sustainable Development Goals.





Our Legacy

IIST's Unique Strengths





Goal Statements

1. Obtain autonomous status from UGC to design more relevant, flexible, and forward-looking curricula.
2. Offer undergraduate and postgraduate educational programmes to satisfy the needs of the world of work.
3. Foster a rigorous Outcome-Based Education environment that cultivates critical thinking, innovative problem-solving, curiosity based learning, and holistic assessment practices across all programmes.
4. Integrate ICT, AI, entrepreneurship, research, and incubation across educational programmes through collaborative industry and stakeholder efforts.
5. Make the campus fully AI-integrated for all academic and research purposes.
6. Achieve set benchmarks in research, publication, and patent consultancy at the institute level.
7. Apply for and receive grants from government and non-government agencies on a sustained basis.
8. Strengthen the activities of professional bodies (ISTE, ACM, IEEE, NPTEL) for students and faculty.
9. Design and implement marketing strategies for brand building and expanding the catchment area.
10. Organize seminars, symposiums, conferences, and workshops at national and international levels on emerging and multidisciplinary topics.





Our Values

At IIST Group of Institutions, we value:

- Research and Innovation
- Quality and Excellence
- Creativity and Teamwork
- Openness and Transparency
- Professional and Pragmatic Approach
- Power of Information and Technology
- Collaboration and Experimentation
- Ethical Conduct and Constitutional Values
- Student-Centricity and Holistic Development

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