

Indian Institute of Technology, Una

Towards 2030

IIIT Una Strategic Plan 2024-2030

A major objective in establishing IIITs is to set up a model of education which can produce best-in-class human resources in IT and harnessing the multi-dimensional facets of IT in various domains. While the number of students produced by these IIITs would be small, the impact they create would be great.

Thus, the 20 new IIITs are created to act as the Lead or Spearhead institutions that

- a. Are autonomous, not-for-profit, self-sustaining, research-led education institutions
- b. Are set up under an Act of Parliament
- c. Are set up to contribute significantly to the global competitiveness of key sectors of the Indian economy and industry
- d. Are focused on applied research and education in IT in selected domain areas
- e. Are managed by professionals from the area of academics and research, under the guidance of a Governing Council that has representatives of participating companies that are making a significant contribution/commitment, Industry Association(s), eminent academicians & researchers and representatives from Government

Indian Institute of Technology at Una is one such IIIT established by an Act of parliament in the year 2017 (first registered as a society in 2014) and then created by act of parliament. IIIT Una has been created with PPP (Public Private Partnership) with Government of India and State Government of Himachal Pradesh as public partners whereas Himachal Pradesh Power Cooperation (HPPC), and Himachal Pradesh Transmission Power Cooperation (HPPTC) as its

private partners.

This Strategic Plan features a new set of IIIT Una values that we want to be the foundation of that culture. We strive for creativity and excellence, but truth is central to everything we do. We will work together with integrity, courage, respect and inclusivity. As we look a decade into the future, we hope that IIIT Una will be nationally and globally acknowledged and celebrated. We will be known not only for our contributions to knowledge leadership, but also for the many ways in which we deliver for the public good for a better world.

PREAMBLE

IIIT Una was established by the Government of India

Objectives (Taken from the website of IIIT Una)

- i) Enrich the upcoming young engineers with contemporary knowledge of Computer Science and Engineering and Electronics and Communication Engineering
- ii) Evolve seamless acquaintance in various technical fields through innovation and research.
- iii) Cultivate the effective communication skill for establishing upbeat interaction to inspire leadership qualities in young Engineers.
- iv) Setting up excellent facility and create environment for advanced studies in Science and Technology for fostering the innovative ideas linked with globally competitive areas of research.
- v) Nurture lifelong learning practices, ethical and human values in youngsters.
- vi) Conduct campus outreach programmes for facilitating solutions to practical problems in small scale industries and other occupations including agriculture.

IIIT Una offers three undergraduate academic programs each in Electronics and Communication, Information Technology and Computer Science and Engineering.

At the time of its inception the Institute envisioned to be an outstanding institute in the state/country and produce world-class engineering and technological leaders capable of guiding and leading the Indian information technology industry in cutting edge technologies through innovation and research. Within a couple of years of its existence the need for medium and long-term vision for marching ahead towards achieving the status of excellent Institute has become apparent. Accordingly, to achieve this status by the year 2030 and a vision document "IIIT Una Vision 2030" to provide impetus to this effect.

It has been prepared through an analytical approach by analyzing the progress of similar institutes in the country, the imperatives of New Education Policy, the scheme document available about IIITs, and limited information available at various web sites.

Values

Our values guide our behavior and provide the foundation of our culture.

In this Strategic Plan, we are proposing a refreshed set of IIIT Una values that articulate what we strive for, how we work together, and our commitment to discovering and sharing truth

What we strive for

Creativity

We must apply our creativity as a way of seeking progress. We value new ideas, seek fresh perspectives and pursue game-changing innovations and opportunities

Excellence

We should strive for excellence in everything we do. We apply the highest standards to our work to achieve the greatest impact for the benefit of communities everywhere

Central to what we do

Truth

Truth is central to all that we do as an Institute. We seek truth through our focus on the advancement and dissemination of knowledge, and our deep commitment to academic freedom and freedom of expression

How we work together

Integrity

We should always act with integrity. As stewards of the Institute's resources and reputation, we are honest, ethical and principled.

Courage

We should be courageous in our decision making. We must be ambitious, bold and agile. We should demonstrate moral courage, so that we should always be guided by a sense of what is right.

Respect and inclusivity

We should provide a caring, inclusive and empowering environment for all. We should be engaged respectfully with one another and promote the value that our diversity brings to our whole community

By 2030, IIIT Una will be known as an Institute that:

- Delivers highly sought-after graduates, who are prepared for future success through rich and broad educational experiences.
- Leads as a premier provider of high-quality postgraduate and lifelong learning opportunities
- Leverages the breadth and depth of its research capabilities and vibrant precincts to address the world's most pressing challenges
- Is a trusted and agile partner widely regarded as a leader in entrepreneurship, knowledge exchange and commercialization
- Has an extensive global reach in education and research with a strong commitment to capacity building in the country and abroad

- Breaks down barriers to education through the targeted and effective state's commitment
- Is values-led, deeply committed to delivering for the public good and supporting our people, leading reconciliation, and embracing different life experiences and perspectives

Strategies and 2030 measures of success

Learning and student experience

Strategies:

- Provide an experiential curriculum with local and regional/global partners that inspires students and extends their capabilities to thrive in a global environment
- Develop opportunities that give students a IIIT Una Edge in local and regional/global networks through experiences that foster leadership, entrepreneurship, civic duty and digital literacy
- Build a digital and personalized experience that evolves to meet changing student and industry expectations and is at the forefront of pedagogies, assessment and analytics
- Foster a sense of belonging and wellbeing for all learners, enriched by our vibrant campus cultures, rich residential options, world-class sporting facilities and highly valued student services
- Launch IIIT Una's online professional academy to deliver market-responsive programs and credentials for postgraduate and lifelong learning, supported by our landmark facilities at its constituent colleges and schools and new online platforms

2030 Measures of success

- Under top 3 in the State for graduate employment outcomes three years after completion
- Top 10 in India for sense of belonging among undergraduate students
- 25 per cent of bachelor's graduates will have completed an entrepreneurship, global, volunteering or leadership experience
- Double our domestic postgraduate coursework commencements
- 1,000 participants per year completing an executive education or short course offering

Research and innovation

Strategies:

- Implement a clear research roadmap to ensure the ongoing excellence of our world-class research capabilities, facilities and collaborative networks
- Connect the strengths and leadership of our comprehensive discipline profile to deliver mission-driven research that is aligned with industry, government and community priorities
- Foster mutually beneficial partnerships for research translation and commercialization at scale, to create positive impact for our communities, the environment and economy
- Support the development of our research community, including professional staff and higher degree by research students, empowering them to thrive and excel in the evolving research and innovation ecosystem
- Ensure our research policies, practices and systems uphold our strong institutional commitment to trusted research and

innovation

2030 Measures of success

- Top 10 in the national research excellence, impact and engagement assessments Top 50 in the NIRF Ranking of Universities
- Attract at least 5 per cent of national funding for priority driven research and double industry and philanthropic research funding
- Top 10 per cent Nationally commercialization of Institute IP, 50 per cent of HDR (Higher degree by Research) graduates to complete a career development experience or industry placement
- Lead the development of 10 new research partnerships that provide at least Rs. 25 Cr of investment per year

Enriching our communities

Strategies:

- Through our State Commitment broaden access to higher education, and work in partnership to address our state's priorities including those relating to the health workforce and economic diversification
- Harness IIT Una's expertise to support India's commitment to capacity building across the state and country
- Support and promote the UN Sustainable Development Goals in research, teaching, external engagement and campus operations
- Nourish intellectual vitality through inclusive access to debates and public lectures, cultural events, and IIIT Una's libraries

2030 Measures of success

30 per cent of our undergraduate students will come from a low socio-economic or regional/remote background

Our profile

Strategies

- Strengthen the Institute's impact through our network of premier national and international partnerships to build scale and impact across both research and education
- Broaden the scope and impact of our partnerships with the Universities Abroad the Indian Institute of Technology(s), established IIITs such as Hyderabad, Bangalore, Allahabad, Delhi and establish targeted offshore offerings in order to expand our reach and diversify international students
- Expand IIIT Una's scholarship offerings and connect with global internship programs to provide access to a diverse range of high-achieving students
- Deliver a suite of innovative student mobility programs as envisaged in NEP 2020, including virtual experiences and global classrooms, to develop global perspectives and enhance graduate outcomes

2030 Measures of success

- Deliver on our premier partnerships by growing co-publications, joint PhDs, collaborative teaching efforts and externally-funded research
- Recruit at least 10 per cent of our international students from each of our top 5 source countries

Be a leading Institute in India for development impact in the region.

Our people

Strategies

- Nurture a supportive and inclusive culture that aligns with the Institute's values, celebrates diversity and drives excellence Develop the leadership capabilities of our staff in order to empower decision-making and support innovation
- Invest in our staff through development opportunities and provide meaningful feedback to support their career aspirations and recognize the diverse ways in which they demonstrate excellence
- Develop and strengthen career pathways and roles that support our strategic priorities in digital education, industry engagement, and research translation
- Deliver alumni engagement programs that build affinity, connection and partnership to extend the value of the IIIT Una experience and strengthen our community

2030 Measures of success

- 80 per cent of staff will be willing to recommend IIIT Una as a great place to work, 85 per cent of staff will agree that IIIT Una demonstrates a genuine commitment to diversity and inclusion, 20 per cent of senior positions will be held by women.
- The proportion of staff identifying as OBC, SC/ST will reflect the representation of people identifying as in state, 1 in 3 alumni will actively engage with the Institute each year.

Securing our future

Strategies:

- Diversify and increase our revenue base by increasing undergraduate/ postgraduate enrolments,
- recruiting students from a broader range of socially backward communities and attracting greater investment in translating our research,

- Invest in capital infrastructure and digital capabilities to enhance our vibrant and sustainable campuses,
- Meet growing expectations for digital engagement, online delivery and improved efficiency
- Accelerate and grow innovation campuses that support collaboration with industry, community and government, and enable shared access to state-of-the-art research facilities.
- Streamline our operations by reducing duplication and ensuring the effectiveness of our governance structures and approval processes.
- Attract philanthropic investment to support our commitment to delivering greater access to education and research impact, with a focus on building an endowment fund.

2030 Measures of success

- Achieve an annual EBITDA of 10 per cent and ensure annual revenue exceeds expenditure. Establish and grow our endowment fund to Rs. 100 cr.
- Be recognized as a beyond carbon neutral Institute.

