



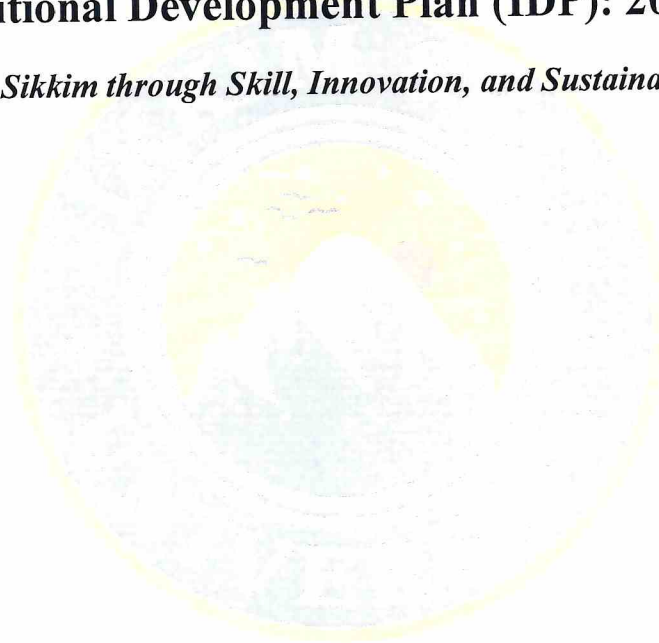
**SIKKIM SKILL
UNIVERSITY**
— EDUCATION FOR ALL —

Sikkim Skill University (SSU)

(Established under the Sikkim Skill University Act, 2021, enacted by the Government of Sikkim)

Institutional Development Plan (IDP): 2025–2035

“Empowering Sikkim through Skill, Innovation, and Sustainable Development”



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1. Introduction

Sikkim Skill University (SSU) was established under the *Sikkim Skill University Act, 2021* by the Government of Sikkim to create a transformative platform for **skill-based, vocational, and outcome-oriented education**. The University aims to align academic education with industry-driven skills, entrepreneurship, and employability enhancement.

In line with the *National Education Policy (NEP) 2020* and the *Skill India Mission*, SSU serves as a hub for integrating **academic excellence with technical competence**, preparing youth for the dynamic global workforce.

This **Institutional Development Plan (IDP) 2025–2035** outlines the University's roadmap for the next ten years — focusing on academic expansion, research excellence, innovation ecosystems, community engagement, and sustainable growth.

2. Vision

“To emerge as a globally recognized Skill University that nurtures innovation, entrepreneurship, and employability through technology-enabled, outcome-based, and socially responsible education.”

3. Mission

1. To provide quality skill-based education integrating academic learning with hands-on industry exposure.
2. To develop a sustainable ecosystem of innovation, incubation, and entrepreneurship.
3. To bridge the gap between education and employability through digital and vocational training.
4. To promote community development and sustainable livelihoods through inclusive skill initiatives.
5. To collaborate with national and international institutions, industries, and government bodies for mutual growth.

4. Institutional Goals (2025–2035)

- Establish SSU as a **Multidisciplinary Skill University (MSU)** as per NEP 2020.
- Develop at least **10 specialized Schools/Faculties** (e.g., Engineering, Agriculture, Health Sciences, Tourism, IT, and Management).
- Achieve an enrollment strength of **10,000+ learners** by 2035.





- Create **Centers of Excellence (CoEs)** in Artificial Intelligence, Green Energy, and Sustainable Tourism.
- Attain **NAAC Accreditation** and recognition under **Section 12(B) of the UGC Act**.
- Strengthen industry collaborations and community-based skill initiatives across Sikkim.

5. SWOC Analysis

Strengths	Weaknesses
• Established under a progressive state government Act (2021)	• Limited infrastructure in initial years
• State-supported focus on Skill & Vocational education	• Need for rapid faculty and administrative capacity building
• Strong alignment with NEP 2020 and Skill India Mission	• Low visibility outside the region
• Academic-industry partnership model	• Limited research output in initial phase
• Experienced leadership and governance structure	• Limited availability of trained technical staff
Opportunities	Challenges
• Become a model Skill University in the North-East	• Attracting and retaining skilled faculty
• Expand programs in emerging technology areas	• Ensuring financial sustainability
• Digital learning and hybrid education growth	• Upgrading infrastructure amidst terrain constraints
• International collaboration with skill universities	• Managing rapid expansion with quality assurance
• Implementation of outcome-based education and employability programs	• Balancing local needs with global standards

6. Academic Development Roadmap

A. Academic Interventions (2025–2035)

1. Introduce **industry-integrated degree and diploma programs** in skill domains like Mechatronics, Agriculture Technology, Tourism, Healthcare, and IT.
2. Establish **School of Skill Development and Lifelong Learning** to promote vocational upskilling and reskilling.





3. Launch **online and blended learning platforms** with multilingual content for Sikkim and nearby regions.
4. Integrate **National Credit Framework (NCRF)** and Academic Bank of Credits (ABC) for learner mobility.
5. Implement **Outcome-Based Education (OBE)** with emphasis on employability and innovation.
6. Establish a **Centre for Curriculum Innovation and Academic Excellence** to review and modernize programs.
7. Partner with **NSDC, AICTE, and Sector Skill Councils (SSCs)** for curriculum development and certification.

7. Research, Innovation & Development

1. Establish a **Directorate of Research & Innovation (DRI)** to coordinate multidisciplinary research.
2. Promote **industry-sponsored research projects** in applied sciences, agriculture, and renewable energy.
3. Institute **annual Research Excellence Awards** for faculty and students.
4. Launch **Sikkim Innovation & Entrepreneurship Incubation Center (SIEIC)** for startups.
5. Organize national/international seminars and skill hackathons.
6. Facilitate **patent filing and IPR awareness programs**.
7. Collaborate with DST, DBT, AICTE, and CSR-funded organizations for research grants.

8. Infrastructure Development Plan

Infrastructure Component	Targets by 2035
Central Academic Block	Completed by 2028
Administrative Block	Completed by 2027
Digital Library & E-Resources	100,000+ digital books, journals
Smart Classrooms	100% digital classrooms by 2030
Hostel Facilities	Accommodation for 500 students
Skill Labs & Workshops	10 domain-specific labs
Green Campus Initiative	100% renewable energy by 2030
Sports & Cultural Complex	Completed by 2032
Research & Innovation Hub	Fully operational by 2029





9. Digital Transformation

- Develop **SSU Digital Campus** for admissions, ERP, LMS, and assessments.
- Establish **Virtual Skill Studio** for digital content creation and online training.
- Adopt **AI-driven student analytics** for personalized learning.
- Introduce **E-Governance Portal** for transparent administration.
- Implement **MOOC-based learning modules** and **Skill MOOCs Portal**.

10. Community Engagement and Extension Activities

- Adopt 10 nearby villages for community-based skill initiatives.
- Conduct **vocational camps, health drives, and digital literacy missions**.
- Launch **“Skill for Sustainable Livelihood”** program for local youth and women.
- Partner with NGOs and rural industries for social entrepreneurship projects.
- Establish **University Social Responsibility (USR) Cell** to monitor outreach activities.

11. Bharatiya Knowledge and Value Systems

- Integrate **Indian Knowledge Systems (IKS)** and ethical education into curriculum.
- Conduct **value education workshops, yoga, and mindfulness programs**.
- Celebrate cultural events and national days to promote unity and inclusivity.
- Offer **certificate courses** on traditional crafts, Ayurveda, and sustainable living.

12. Governance and Quality Assurance

- Function under a transparent **Statutory Governance Structure** as per the SSU Act, 2021.
- Establish IQAC (Internal Quality Assurance Cell) and Institutional Research Cell.
- Regularly review academic and administrative performance using KPIs.
- Strengthen grievance redressal, gender sensitization, and inclusivity mechanisms.

13. Partnerships and Collaborations

- MoUs in Process with:
 - **NSDC, AICTE, NIELIT, TISS, IITs, MSME, and global skill universities.**
- Collaboration with **industry partners** for apprenticeship, CSR projects, and placement support.
- Partner with **international universities** for student/faculty exchange and dual degree programs.

14. Funding and Resource Mobilization

- State Government Grants





- CSR partnerships and PPP initiatives
- Skill India and NEP-aligned central schemes
- Research & consultancy projects
- Revenue generation through continuing education and online programs

15. Monitoring and Evaluation Framework

Area	Key Performance Indicators (KPIs)
Academic Growth	Student enrollment, program diversity, OBE compliance
Research & Innovation	Publications, patents, funded projects
Infrastructure	New buildings, labs, digital facilities
Community Impact	Villages adopted, beneficiaries trained
Financial Health	Grants received, internal revenue
Accreditation	NAAC/UGC status, NIRF ranking
Employability	Placement rate, internship linkages

16. Conclusion

The **Sikkim Skill University Institutional Development Plan (2025–2035)** envisions transforming the University into a Center of excellence in **skill-based, innovative, and sustainable education**.

Through structured academic expansion, robust research culture, and social responsibility, SSU aspires to be a leading **Model Skill University** in India and a global benchmark for skill-integrated higher education.

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