

MEMORANDUM OF UNDERSTANDING

Between

SANKALCHAND PATEL UNIVERSITY

(VISNAGAR, GUJARAT-INDIA)

And

**National Institute of Technical Teachers' Training and Research
(NITTTR), Bhopal (M.P.)**

**Deemed to be a University under the Distinct category
(Under the Ministry of Education)**

**This Memorandum of Understanding is entered into
on 29th September 2025**

Sankalchand Patel University is promoted by Nootan Sarva Vidyalaya Kelavani Mandal (NSVKM), which was established in 1952 by Shri. Sankalchand Patel, a social entrepreneur and freedom fighter. The organization's objective is to address the educational and sociocultural requirements of the populace in North Gujarat.

Established in 2016 by the Gujarat Private Universities (Amendment) Act, 2016 (Recognized under UGC act 2(f) of 1956, the University has world class infrastructure that spans 84 acres of land, having 14 faculties within the lush green integrated campus, accommodating over 7,000+ students, 750+ teaching staff, and 450+ non-teaching staff. The University is research oriented, student-centric, multidisciplinary, not for profit state private university.

Sankalchand Patel University (SPU) is a renowned and the **only Academic University in North Gujarat** that offers Medical, Paramedical, Technical, Management, Computer Application, Science & Commerce, etc. programs focused on providing high-quality education and promoting social growth.

SPU has been recognized by the Statutory Councils like NMC, DCI, GSCPT, GNC, PCI, AICTE, NCH, NCISM and AIU, etc. Sankalchand Patel University (SPU) has developed a **comprehensive teaching-learning facility** and a robust infrastructure to effectively conduct undergraduate (UG) and postgraduate (PG) programs. SPU

offers a variety of resources to facilitate academic, clinical, and community-based education.

At Sankalchand Patel University, **patient safety** and care are of paramount importance. SPU houses **four major hospitals** that include, Nootan General Hospital with a capacity of 800+ beds, **Narsinhbhai Patel Dental College & Hospital, Nootan Ayurvedic**

Hospital and Nootan Homeopathic Hospital. Socially responsible University offering **community services** by providing free treatment or treatment with nominal charges. **Free checkup and treatment camps** are organized frequently in Medical, Dental, Physiotherapy, Nursing and Homeopathy for the benefit of the masses of the surrounding area.

During the short span, SPU has been awarded a **4-star University in 2024** among private Universities list by the **Gujarat State Institutional Rating Framework (GSIRF)** of Govt. of Gujarat. The University has also received **“Green University Award 2023”** and is positioned in the **“Gold Band” Category**, in the India Academia Ranking 2023. SPU is also certified with **ISO 9001:2015 certification**.

The **Centre of Research & Innovation** is committed to extend all kinds of supports for promoting Research, Innovation, Startups & Entrepreneurship (RISE) activities at the campus. The Sankalchand Patel Innovation & Incubation Centre (SPIIC) aims to support and incubate startups at the campus.

SPU VISION AND MISSION

VISION

“To become world class university through philanthropic practices”

MISSION

“We serve society to develop and prosper by building human capital.”

Sankalchand Patel University's values have been created to offer a congenial environment where a holistic approach is adopted and practiced towards learning.

- To create, organize, preserve and disseminate knowledge in various fields
- To develop infrastructure and state-of-the-art facilities
- To offer educational and academic programs
- To promote research orientation among students and faculty members
- To establish close linkage with the industries, corporates and other educational institutions
- To perform various activities as a part of University Social Responsibility (USR)
- To develop a high level of intellectual abilities
- To involve all stakeholders in around growth and development of the university
- To maintain compliance with regulatory authorities of State as well as National level
- To nurture students with startup and innovation program

National Institute of Technical Teachers' Training and Research, (NITTTR), Bhopal:

The Technical Teachers' Training Institute, Bhopal, was set up in 1965 by Govt. of India, and has been upgraded and renamed as the "National Institute of Technical Teachers' Training and Research (NITTTR)", Bhopal, vide Ministry letter no. F-7-27/2002-TS.IV dated 20 October 2003. **The NITTTR, Bhopal has been granted the deemed to be university status under the distinct category by Govt of India, with mandate to demonstrate the principles of leadership in capacity building** in technical teacher education through its courses encompassing future of work, green and sustainable development, women led development, development of faculty with diverse abilities and harnessing technology etc. The institute is offering research programmes as well as doctoral, Post-doctoral, post-graduate programmes and innovative academic programmes pertaining to the furtherance of technical teacher education in collaboration with top INIs.

The institute, with its enhanced mandate, has now become a major resource institution and a centre of excellence for the overall growth and expansion of technical education system of the country and bears larger responsibility to contribute to a wide-ranging,

diverse labour market. The workforce development has been through interfacing academia, industry and society; to translate the societal needs into academic programs; to empower academic institutions to work at the intersection of pedagogy, technology that shall address the learner needs in addressing digital and green transitions and the constantly changing skill needs to negotiate technology.

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transitions and the constantly changing skill needs to negotiate technology. The institute holds expertise in the areas of HRD, curriculum development, education management, policy formulation, continuing education, multimedia and video programme development, community development, designing learning resources and education research besides Engineering skills sets products. It is internationally recognized for its HRD services and its innovative approaches in developing professionally competent manpower and has been in the forefront. Recognizing it services the government of India has supported its up-gradation to address future training and research needs in the pedagogy, content and technological knowledge areas.

Recently NITTTR Bhopal has established a **Centre of Excellence in Semiconductor Technology (OSAT & ATMP) Setting up Semiconductor ATMP / OSAT Units** are one of the thrust areas in the modified programme for the development of Semiconductors and Display manufacturing ecosystem in India. The centre for Innovation in Outsourced Semiconductor Assembly and Test (CFI for OSAT) – Including Setting-up of Assembly and Packaging Facility for Discrete Power Semiconductor Devices and application-Specific Multi-Chip Modules and Initiating a Skill based course . In addition **Centre of Excellence (CoE) in Digitalization and Industry 4.0** with the financial support from **Ministry of Education & Siemens Pvt. Ltd.** It shall develop capabilities in the application of AI and ML, Big Data and Cloud, IoT, AR and VR, Sensors and Robotics and Spatial Information Technologies based solutions in the promotion of low carbon development. It shall also facilitate a multi-disciplinary learning environment across Technology, Engineering and

Science faculties and the much needed professional/industrial training needs of inductee technical teachers in line with NEP-2020.

This **Industry linked Centre of Excellence (CoE)** shall also help to align the engineering education with the latest industry trends and practices, better vocational training / interaction with industry, to provide the much-needed experiential learning. COE has established collaboration with industrial houses, in the user states of Chhattisgarh, Goa, Gujarat, Madhya Pradesh and Maharashtra for sharing of expertise, industrial training and joint academic programmes. The COE at NITTTR Bhopal with its eleven labs namely **Product Design & Validation Lab, Manufacturing Process Digitization Lab, Additive Manufacturing Lab, Simulation Optimization and Test Lab, Internet of Things (IoT) Lab, CNC Controller Lab, Industrial Automation Lab, Process Instrumentation Lab**, aims to build a future workforce through certified professional courses that shall be capable of addressing digitalization of manufacturing systems in line with IR 4.0 & NEP-2020.

In order to promote co-operation between Sankalchand Patel University, Visnagar (Guj.) and the National Institute of Technical Teachers' Training and Research, Bhopal (M.P.), both institutions recognize the value of academic cooperation and agree to promote

direct interaction among their faculty, research scholars, staff, and departments. The scope of cooperation includes the following areas:

- Mutual exchanges of faculty members on a well-identified and well worked area of expertise & interest.
- Conduct research on topics of mutual interest which suited to the objectives of both Institutions.
- Collaborate for quality research and innovation in pedagogical and technological advancements.
- Utilization of experimental research facilities at both institutions to support joint research, innovation, and development through student exchanges (UG & PG), as well as joint supervision by experts from both institutes to foster academic excellence in research endeavours.

- Joint development and delivery of academic programs, symposia, workshops, and conferences, along with organizing interdisciplinary training programs to enhance the skills and knowledge of faculty and staff.
- Training and internships for students in the Centre of Excellence (COE) labs of NITTTR Bhopal, as per institutional norms.
- To identify common academic domains to develop strategic partnership;
- To invite experts for **FDPs & MDPs training** and **Special program** for Health Sciences, guidance of faculty.
- To offer **short-term and long-term** exchange programs for Faculty
- To offer joint research on **Semiconductor Technology** in collaboration with **NITTTR Centre of Excellence (OSAT & ATMP)**.
- To organize skill training for the students and communication resources for mutual benefits in academic domains;
- To offer experts for **designing the Curriculum** on the latest technology as per the industry needs and **Research and Development**.
- To mutually develop and share teaching methods, research publications, scientific and technical documentations, Re-Design projects.

Mode of Operation:

1. All collaborative programs or activities under this MoU will be governed by mutual agreement, subject to written correspondence between the parties. The initiation and execution of any program shall remain at the sole discretion of each institution, and specific terms will be mutually decided on a case-by-case basis.
2. This MoU reflects a statement of intent and shared understanding between SPU and NITTTR. It is not intended to create legal or financial obligations for either party. Any legally enforceable agreement arising from this understanding shall be executed separately.
3. Both parties acknowledge that this MoU does not impose any financial commitments. Any funding required for implementing joint activities will be discussed and agreed upon separately, based on the availability of resources.

4. The parties commit to maintaining the confidentiality of any sensitive or proprietary information exchanged in the course of collaborative activities, unless such information is publicly available, required by law, or specifically governed by a separate agreement.
5. This MoU shall remain in effect for an initial term of **three (3) years from the date of signing**. It may be extended for an additional term of three years upon mutual review of outcomes and achievements, unless either party provides written notice of non-renewal at least one (1) month prior to the expiry of the current term. Either party may also terminate this MoU at any time with three (3) months' written notice or through mutual consent.
6. Commercial - This initial MoU does not imply any financial or legal liabilities on either party. In case of any future activities, having the financial implications, a separate agreement shall be signed between the parties as an extension of this MoU with required terms and conditions.
7. All official communications related to this MoU shall be made in **English**, in writing, and delivered personally, through registered/certified post, courier, or via email (with acknowledgement from the receiving party) to the following addresses:

Sankalchand Patel University (SPU),
Visnagar, Mehasana, Gujarat 384315

PROVOST SPU



Attention:
Name: **Prof. (Dr.) Prafulkumar Udani**
Designation: Provost
Email: provost@spu.ac.in

National Institute of Technical Teachers'
Training and Research (NITTTR),
Shamla Hills, Bhopal - 462 002,
Madhya Pradesh, India



Attention:
Name: **Prof. C. C. Tripathi**
Designation: Director
Email: director@nitttrbpl.ac.in

IN WITNESS THEREOF, the Parties have caused this MoU to be executed by their duly authorized representatives.



**SANKALCHAND PATEL
UNIVERSITY**
॥ अथातो ज्ञानविज्ञाना ॥
ISO 9001 : 2015 Certified



For and on behalf of SPU, Visnagar

Dr. Parimal Trivedi
Registrar
Email: registrar@spu.ac.in



For and behalf of NITTTR, Bhopal

Prof. C. C. Tripathi
Director, NITTTR Bhopal
Email: director@nitttrbpl.ac.in

Witness

1. Dr. Chetan Choudhary
Director IQAC
SPU Visnagar



Witness

1. Dr. P. K. Purohit
Professor and Head (Department of Applied Sciences)
Dean (Corporate & International Relations)

2. Prof. R.K. Dixit (Dean Administration)