

PERSONAL PROFILE



Manav Patel | LinkedIn

- **Address:** : 1, Kahan Park, Ahmedabad, Gujarat-380024
- **Contact:** +91-6354837012
- **Email ID:** pmanav.niper2024@gmail.com

KEY STRENGTHS

- Strategic mindset
- Problem Solving
- Research efficiency
- Attention to Detail
- Adaptability

AREAS OF INTREST

- Data Analysis & Reporting in Quality Operations
- Pharmaceutical Quality Assurance and Compliance
- Market Research
- Healthcare Consulting

COURSES

- MS Excel – Beginner to Advanced (Udemy)
- Fundamentals of Western Blotting (BIO-RAD)

KEY ACHIEVEMENTS

- Qualified GPAT in 2023 & 2024
- Achieved AIR 81 in NIPER JEE M. Tech 2024

MANAV PATEL

CAREER OBJECTIVE

A punctual and disciplined professional with a background in pharmaceutical sciences, dedicated to delivering quality work with integrity. Seeking a role in a forward-thinking organization where I can apply my scientific knowledge and critical thinking to support smart decisions, team growth, and overall success.

ACADEMIC BACKGROUND

DEGREE	BOARD	INSTITUTE	PASSING YEAR	% / C.G.P.A.
M.Tech Biotechnology	NIPER, S.A.S Nagar	NIPER, S.A.S Nagar	2026	8.12 CGPA
Bachelor of Pharmacy	GTU, Gandhinagar (GJ)	Arihant School of Pharmacy, Gandhinagar (GJ)	2024	8.30 CGPA
H.S.C.	GSHSEB	Fellowship High School, Ahmedabad (GJ)	2019	62.15 %
S.S.C.	GSHSEB	Sarvoday Vidhyamandir, Ahmedabad (GJ)	2017	69.5 %

INDUSTRIAL TRAINING

Formulation and Development intern at Ratnatris Pharmaceuticals Pvt. Ltd., Indrad (July 2023 – August 2023).

- Hands-on exposure to pharmaceutical manufacturing processes aligned with **cGMP and regulatory standards.**
- Assisted in **Quality Assurance (QA) and Quality Control (QC) operations, including documentation, IPQC checks,** and understood practical applications of **Quality Management Systems (QMS)** in formulation labs.
- Contributed to **SOP development** and revision, supporting documentation and deviation handling.

TECHNICAL SKILLS

- Basic proficiency in **data handling and analysis** using **MS Excel and Google Sheets (familiar with sorting, filtering, basic formulas, and tabular data organization).**
- **Report preparation and slide-based communication** using **MS PowerPoint.**
- Experienced in literature review and reference management using **EndNote,** with proficiency in sourcing scientific data from **Google Scholar, PubMed,** and **Sci-Hub.**

Laboratory Skills: -

- SDS-PAGE, Agarose Gel Electrophoresis, Protein Purification, Protein

PERSONAL INTRESTS

- Enjoy watching spy thrillers, investigative films, and Indian historical movies.
- Travelling
- Sports
- Reading about Geopolitics, current affairs and stock market

LANGUAGES KNOWN

- English
- Hindi
- Gujarati

REFERENCES

Dr. Abhay H. Pande

Head of Department & Professor,
Department of Biotechnology,
NIPER, S.A.S. Nagar

Email Id:

apande@niper.ac.in

Dr. Saurabh Mishra

Assistant Professor,
Department of Biotechnology,
NIPER, S.A.S. Nagar

Email Id:

saurabhmishra@niper.ac.in

Dr. Chaaya Iyengar

Professor
Department of Biotechnology,
NIPER, S.A.S. Nagar

Email Id:

chaaya@niper.ac.in

estimation by Bradford's Assay, **Competent cells creation by heat shock method, DNA Transformation**, BCA Assay, Cell Cultures preparations, Isolation of Protein by Ultrasonication method

RESEARCH PROJECT

- Characterization of *Mycobacterium tuberculosis* **Hydrophilins**

Objective:

To investigate the **role of hydrophilin proteins in desiccation tolerance** by expressing Mtb-derived hydrophilin genes in *Mycobacterium smegmatis* and assessing their biochemical and physiological functions.

Key Methodologies:

- PCR amplification and cloning of hydrophilin genes into the **p2CAS-His300 expression vector**.
- Transformation of recombinant plasmids into **competent *M. smegmatis*** via electroporation.
- Survival analysis of overexpression strains under desiccation stress using **colony-forming unit (CFU) assays**.
- Protein purification and **in vitro activity assays** to characterize hydrophilin function.

POSITION OF RESPONSIBILITY

- Serving as **Placement Coordinator** at Department of Biotechnology, NIPER SAS Nagar (2024-26)
- Member of Hostel **Core Committee** at NIPER SAS Nagar (2024-26)

CO-CURRICULAR ACTIVITIES

- **2nd prize** in the General science quiz in **NIPER among 200+ participants**
- Delivered a presentation on “*Alcanivorax borkumensis*: **An ubiquitous oil-degrading bacterium**”
- Attended **Samprabhav-2025**, a national symposium with 14 industry **experts**, gaining insights on pharma strategy, innovation, and emerging trends.
- Organized and delivered an interactive **Health awareness session** at a Government Primary School on the occasion of **World Obesity Day**, as a part of **NSS Cell**, themed: “*Eat Light but Right.*”
- **Poster presentation** on “**Current GMP: An International Perspective**” at Arihant School of Pharmacy, enhancing understanding of global quality compliance standards.

EXTRA-CURRICULAR ACTIVITIES

- Hostel Mess Management with **Rs. 18,000 positive money**
- Actively participated in **ShivSparsh** cultural event, portraying **Chhatrapati Shahaji Maharaj**, demonstrating stage presence, public speaking, and teamwork.
- **Secured Gold medal in Spandan fest (Cricket)** | NIPER S.A.S Nagar
- **Reached till 3rd round** in War of Words and Corporate roadies at 81 MG, NIPER S.A.S Nagar
- Active participant in Analytica and Knockry at 81-MG