GUJCOST Sponsored Seminar
"Research to Innovation: Converting Pharmacy Projects into Patents"

In Association With
Student Startup and Innovation Policy (SSIP),
Institution's Innovation Council (IIC)
ORGANISED BY
SHARDA SCHOOL OF PHARMACY, PETHAPUR, GANDHINAGAR
ON 21st AUGUST 2026

PROGRAMME REPORT

Date: 21 August 2026, Friday
Time: 9:30 AM onwards
Venue: Seminar Hall, Sharda School of Pharmacy, Pethapur, Gandhinagar
Mode: Offline Seminar

1. Introduction

Sharda School of Pharmacy, Pethapur, Gandhinagar, successfully organized a **GUJCOST Sponsored Seminar on "Research to Innovation: Converting Pharmacy Projects into Patents"** on **21 August 2026**. The seminar was organized with the objective of creating awareness among students and faculty members regarding the importance of **Intellectual Property Rights (IPR), patents, innovation, and the conversion of academic and research projects into valuable intellectual property assets**.

In the present era, pharmaceutical education and research are not limited only to the generation of scientific knowledge. There is a growing need to transform innovative research ideas into practical solutions that can benefit society, industry, and the healthcare sector. The seminar was therefore planned to provide participants with a clear understanding of the journey from **research idea to innovation and ultimately to patent protection**.

The program reflected the institution's commitment towards promoting an innovation-driven ecosystem and encouraging students and researchers to think beyond conventional academic projects. The seminar also motivated participants to recognize the commercial and societal potential of their research work

2. Resource Person

The seminar was delivered by **Dr. Archita Patel**, **Professor, Gandhinagar Institute of Pharmacy, Gandhinagar University**. Dr. Archita Patel shared her valuable knowledge and experience regarding patents and intellectual property in the pharmaceutical field. Her expert guidance helped the participants understand the practical aspects of identifying innovative ideas, assessing patentability, protecting intellectual property, and strategically converting research outcomes into patents.

3. Objectives of the Seminar

The major objectives of the seminar were:

- To create awareness regarding the importance of **Intellectual Property Rights and patent protection** in pharmaceutical research.
- To develop an understanding of the **basic concepts of patents** and their relevance in the pharmacy profession.
- To guide students and researchers in **identifying patentable ideas** from academic and research projects.
- To explain the systematic process involved in converting a research idea into a patent.
- To encourage participants to develop an **innovation-oriented mindset**.
- To highlight the importance of protecting original research before public disclosure or publication.
- To provide awareness regarding **IP strategy for students and researchers**.
- To familiarize participants with practical examples and **real-life case studies** related to innovation and patents.
- To motivate students to explore opportunities for translating their research into socially and commercially valuable innovations.

4. Inauguration and Introduction of the Session

The seminar commenced at **9:30 AM** at the Seminar Hall of Sharda School of Pharmacy. The program was organized in an academic and interactive environment with the participation of students and faculty members.The purpose and significance of the seminar were introduced to the participants, emphasizing the increasing importance of intellectual property in higher education, scientific research, pharmaceutical development, and entrepreneurship. The session highlighted that innovative research should not remain confined to laboratories, dissertations, or project reports but should be explored for its potential to create impactful solutions and intellectual property.The resource person was welcomed and introduced to the participants, followed by the commencement of the technical session.

5. Technical Session and Key Discussion Areas

5.1 Understanding Patents in Pharmacy



The resource person explained the fundamental concept of patents and their importance in the pharmaceutical sector. Participants were introduced to the role of patents in protecting inventions and promoting innovation.

The discussion focused on how pharmaceutical innovations can arise from various areas, including:

- Novel drug formulations
- Herbal and natural product research
- Drug delivery systems
- Extraction and isolation processes
- Analytical and quality-control methods
- Pharmaceutical devices
- Novel combinations and compositions
- Improved manufacturing processes
- Innovative healthcare solutions

The participants were made aware that not every research project automatically qualifies for a patent. A proper understanding of innovation and patentability is essential before initiating the patent filing process.

5.2 Identifying Patentable Ideas

One of the important highlights of the seminar was the discussion on **identifying patentable ideas**.The speaker explained the key factors that should be considered while evaluating an idea for patent protection. Participants were encouraged to critically assess whether their research work demonstrates originality and offers a meaningful technical advancement.

The discussion emphasized important aspects such as:

- **Novelty** of the invention
- **Inventive step or non-obviousness**
- **Industrial applicability**
- Technical advancement over existing knowledge
- Proper documentation of research findings
- Identification of the unique features of the innovation

Students were encouraged to look at their research projects from an innovation perspective and identify aspects that may have potential for intellectual property protection.

5.3 From Project to Patent – Step-by-Step Approach

The seminar provided participants with a systematic understanding of the journey from an academic project to a patentable innovation.

The general pathway discussed included:



- Identification of a research problem
- Generation of an innovative idea or solution
- Scientific research and experimental validation
- Documentation of the innovation
- Assessment of novelty and patentability
- Prior-art and literature review
- Identification of the inventors and ownership
- Preparation of the patent specification
- Filing of the patent application
- Further examination and prosecution of the application

The session helped participants understand that patenting is a systematic process requiring scientific evidence, proper documentation, originality, and strategic planning.

5.4 Importance of Intellectual Property Strategy for Students and Researchers

A major focus of the seminar was the development of an effective **IP strategy** for students and researchers.

Participants were guided regarding the importance of:

- Maintaining proper records of research work
- Preserving laboratory notebooks and experimental evidence
- Understanding the importance of confidentiality
- Avoiding premature public disclosure of potentially patentable work
- Conducting a preliminary review of existing technologies
- Consulting institutional IP experts or coordinators at an appropriate stage
- Considering patent protection before publication, wherever applicable

The session emphasized that researchers should integrate intellectual property considerations into their research planning rather than considering patent protection only after the completion of the project.

5.5 Real-Life Case Studies

The seminar also included discussion on **real-life case studies**, which helped participants connect theoretical concepts with practical applications.

Through examples, the participants gained a better understanding of:

- How innovative ideas can emerge from research problems
- The importance of identifying the unique component of an invention
- Common challenges faced during the innovation and patenting journey
- The role of research documentation and evidence
- How innovation can create academic, societal, and commercial impact



The practical orientation of the discussion helped students appreciate the importance of looking at their projects from the perspective of innovation and problem-solving.

6. Student and Faculty Interaction

The seminar provided an interactive platform for participants to understand the practical aspects of patents and intellectual property. Students were encouraged to think critically about their own academic projects and research ideas.

The session promoted awareness that even student projects can become the foundation for future innovations when the research is carried out with originality, scientific relevance, and proper strategic guidance.

The interaction helped participants develop a better understanding of the following key message:

From Idea to Impact – Protect Your Innovation – Create a Better Tomorrow

This central theme encouraged students and researchers to view their work not merely as an academic requirement but as a possible contribution towards innovation and societal development.

7. Major Learning Outcomes

After the completion of the seminar, the participants gained awareness and understanding regarding:

- The basic concepts and importance of patents in pharmacy.
- The relationship between research, innovation, and intellectual property.
- Identification of potentially patentable ideas.
- The basic requirements for patentability.
- The importance of novelty, inventive step, and industrial applicability.
- The step-by-step journey from a research project to a patent.
- The importance of proper research documentation.
- The need for strategic planning before disclosure of innovative research.
- The role of students and researchers in contributing to the innovation ecosystem.
- The relevance of intellectual property protection in translating research into practical and impactful outcomes.

8. Significance of the Program

The seminar was highly relevant for pharmacy students and faculty members as the pharmaceutical field is continuously evolving through scientific discoveries, novel formulations, drug delivery technologies, herbal innovations, analytical advancements, and healthcare solutions.



The program strengthened the awareness of participants regarding the fact that **innovation and intellectual property are important components of modern pharmaceutical education and research**.

Such academic initiatives contribute towards:

- Developing an innovation culture among students
- Encouraging research-based problem solving
- Promoting entrepreneurship and startup awareness
- Increasing intellectual property awareness
- Supporting the translation of academic research into practical applications
- Building confidence among young researchers to protect and develop their innovative ideas

9. Role of Organizing Team

The program was organized under the guidance and support of the institutional leadership and with the dedicated efforts of the IP Cell and faculty coordinators.

Faculty Coordinators

- **Dr. Khushboo Vaghela** – IP Cell Coordinator
- **Dr. Disha Suthar** – IP Cell Co-coordinator
- **Dr. Ashok Kumar** – IP Cell member
- **Ms. Janki Patel** – IP Cell member
- **Ms. Jaini Patel** – IP Cell member

The organizing team played an important role in the planning, coordination, communication, and successful execution of the seminar.

11. Conclusion

The **GUJCOST Sponsored Seminar on "Research to Innovation: Converting Pharmacy Projects into Patents"** was a meaningful academic initiative aimed at strengthening the culture of innovation and intellectual property awareness at Sharda School of Pharmacy.

The seminar successfully highlighted the importance of transforming innovative research ideas into protected intellectual property. The expert session by **Dr. Archita Patel** provided valuable insights into understanding patents, identifying patentable ideas, developing an IP strategy, and following the journey from a research project to patent protection.

The programme encouraged students and researchers to explore the innovative potential of their academic work and motivated them to contribute towards a stronger research and innovation ecosystem.



The seminar concluded with the collective message of promoting **innovation, protecting original ideas, and inspiring researchers to create a better future through impactful pharmaceutical research**.

















ગુજરાત સમાચાર Gandhinagar 22 Aug 2026

ફાર્મસીના વિદ્યાર્થીઓને માર્ગદર્શન

શારદા સ્કૂલ ઓફ ફાર્મસી, પેથાપુરમાં એક દિવસીય સેમિનારનું આયોજન કરવામાં આવ્યું હતું. તેમાં વક્તા ડો. અર્ચિતા પટેલે ફાર્મસી પ્રોજેક્ટ્સને પેટન્ટમાં બદલવા અને આઈપી સ્ટ્રેટેજી અંગે વિદ્યાર્થીઓને માર્ગદર્શન આપ્યું હતું.

Sign of Program Coordinators

SHARDA SCHOOL OF PHARMACY PETHAPUR

Sign of Principal