



PRINCETON COLLEGE OF PHARMACY

(Affiliated to JNTUH, Approved by PCI, New Delhi & Accredited by NAAC)
Chowdariguda(V), Korremula, Ghatkesar (M), Medchal- Malkajiri (Dist.) - 500 088
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6.2.1 THE INSTITUTIONAL STRATEGIC/PERSPECTIVE PLAN IS EFFECTIVELY DEPLOYED A.Y 2023-24



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DEPLOYMENT OF STRATEGIC PLANNING

Perspective Planning is critical for an organisation to achieve its Vision and Mission. Perspective planning is a continuous process with a specific focus on achieving institutional goals. The Perspective Planning and Deployment document is based on an analysis of current obstacles and future opportunities, and it envisions the direction in which the organisation should move to meet its goals and objectives.

The strategic deployment perspective plan for the Academic year 2023-2024 at Princeton College of Pharmacy, the institution commitment to creating platform for various stakeholders was commendable, as it facilitates the exchange of knowledge and promotes the collaboration among teachers, students, research scholars, academic experts, drug regulators, industrialists.

PCOP organized National level seminars/conferences to the institutions forward thinking approach.

PCOP hosted awareness programs, Faculty Development Programs, National Pharmacy Week, Hands on Training and many cultural events.

This will emerge as the guiding force for Princeton College of Pharmacy to achieve its goal and becoming an institution of Academic Excellence and providing professional services to society through skilled young pharmacists.

Vision:

To nurture world class pharmaceutical professionals and researchers. To be recognized globally for its excellence in pursuit of newer horizons to build self-reliant pharmacist through quality pharmacy education.

Mission:

To promulgate high quality technical education and training that enables students to acquire in depth knowledge and expertise in the field of pharma science to cater the needs of pharmacy profession and society at large.

Perspective/Strategic plan and Deployment document are available in the institution:

Perspective plan for A.Y 2023-24

| OBJECTIVE | ACTION PLAN |
|---|---|
| Quality education and lifelong learning | <ol style="list-style-type: none">1. Identified and Developed New Teaching methodologies: The identification and deployment of new teaching techniques signify an innovative approach to education. This could involve incorporating technology, active learning strategics and varied assessment methods to cater to diverse learning among students.2. Implementation of Appropriate Curriculum Delivery: Recruiting qualified and competent faculty is foundational to the success of any academic program. Skilled and dedicated faculty contributes significantly to the effective delivery of the curriculum. This aligns the with the institution commitment to providing quality education. |
| Research and Development | <ol style="list-style-type: none">1. Enhancing R&D laboratories in all departments. Dedicated R&D facilitation and documentation centre.2. Application for Government Funding Agencies: Funding from government agencies was a proactive step to support research initiatives. This funding provides the necessary resources for conducting high impact research projects, acquiring advanced equipment's & supporting the professional development of researchers3. Improvement of research Publications and patent Filing: Improving the quality of research publications indicates a focus on contributing valuable insights to the academic and scientific community.4. Arranged MOUs, Guest Lectures, Industrial Training, Scientific events: Establishing a Memoranda of Understanding with other institutions, arranging guest lectures, providing industrial |

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| | <p>training, organizing scientific events are all integral components of building a robust network. These initiatives enhance the academic and professional exposure of students and faculty.</p> <p>5. Establishing Consultancy Cell</p> |
| <p>Good Governance</p> | <p>1. Governance Group:</p> <ul style="list-style-type: none"> • Supervision and approval of policy matters, staffing decisions and annual budgets. • Institutional academic performance evaluation and benchmarking. • Functionality of statutory committees. <p>2. Vision, Mission and institutional Perspective Goals:</p> <ul style="list-style-type: none"> • Vision, Mission progress and their delivery. • Setting short term and long-term goals. • Institutional perspective development plan. <p>3. Leadership and Transparency administration:</p> <ul style="list-style-type: none"> • Formulation, approval and execution of policies. Service Rules circulations. • Student and staff complaints Redressing procedure Decentralization of administrative leadership. • Implementing E-Governance in administrative, student support, etc. <p>4. Quality Assurance Cell & Accreditation:</p> <ul style="list-style-type: none"> • Monitoring and conduct internal audit committee for monitoring compliance, balance remedial measures. |
| <p>Physical Infrastructure</p> | <ul style="list-style-type: none"> • Enhance the classrooms, Tutoring and seminar room. • Contemporary laboratory & Equipment. • Infrastructure upgradation of libraries and e-learning developing, sports facilities. • Improve recreational clubs and canteen amenities. • Rainwater collection and vegetation. • Creating facilities to enhance energy conservation and management. • Solid waste management (zero plastic usage). |

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| | <ul style="list-style-type: none"> • Creating facilities for the efficient reuse of wastewater. • Formulation, approval and execution of policies. Service Rules circulations. • Student & staff complaints Redressing procedure decentralization of administrative leadership. • E-Governance implementation in administrative, student support. |
| Library and Information Centre | <ul style="list-style-type: none"> • Budget allocation for library and information centre, Books, Journals procurement, storage and retrieval digitization of library resources automation and Access (24*7) |
| Internal Quality & Assurance Cell | <ul style="list-style-type: none"> • Setting up of IQAC team Intermittent checks and guidance. • Recognizing achievements and best practices. • Conducting regular meetings to discuss various aspects like institution development, student and faculty redressals, audit process, projects, publications, etc. |
| Training and placement | <ul style="list-style-type: none"> • Setup a dedicated T&P Team. • Conduct awareness programmes. Conduct Value added programmes. • MOUs and relationship management Internships planning and execution. • Developing Database of various potential industries/companies. • Modernization of infrastructure (Videoconferencing, interview & conference rooms) |
| Entrepreneurship | <ul style="list-style-type: none"> • Establishment of dedicated EDP cell. • Identification of emerging areas of entrepreneurship. • Identifying interested students for entrepreneurship. • Identify mentors from successful entrepreneurs from Alumni/others. • Formal training on entrepreneurship. |
| Alumni Interaction | <ul style="list-style-type: none"> • Strengthen alumni association and engagement. Establish Alumni Association office on campus, engage students. • Data Base updating and interactive alumni website Establish global chapters and networking. |

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| Social Activities | <ul style="list-style-type: none"> • Study rural project and challenges under UBA. Conducting awareness programs in villages/communities. • Conducting health awareness camps and Blood donation camps. |
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Activity successfully conducted based on Perspective/Strategic plan and Deployment of Quality Education and lifelong learning:

| Perspective Goal | Deployments |
|--|---|
| Good Governance | <ul style="list-style-type: none"> • Governance Group nomination analyses the vision and mission. • The number of meetings held. • Implementation of polices. • Student & employee processes, Service & Conduct Regulations, etc. |
| Accreditation & Certification | <ul style="list-style-type: none"> • Institute is affiliated with NAAC Accreditation and ISO Certification. |
| Infrastructure and facilities | <ul style="list-style-type: none"> • Modernized all of the computers. • Enhanced WIFI capabilities. • The entire campus was outfitted with CCTV cameras and fire safety equipment on every floor of every block. • Development of adequate infrastructure for extracurricular activities. • Availability of potable water through coolers and dispensers is provided on every floor and in every building block. |
| Teaching and Learning | <ul style="list-style-type: none"> • Number of educational resources have been established. • Number of counselling, mentoring and training sessions conducted with students. • The outcome of examinations (Pass, First class, Distinctions) Graduate attribute achievement levels student comments. |

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| Industry & Institute Collaborations (MOUs) | <ul style="list-style-type: none"> • MOUs done with different industries and organizations. • Conducted Hands on Training programs for students. |
| Skill development | <ul style="list-style-type: none"> • MOUs done with various companies. • Conducted skill development programs for students to enhance their skills in various aspects. |
| Research & Development | <ul style="list-style-type: none"> • Established R&D Cell. • Collaborated with industries, stakeholders. |
| Training & Placement | <ul style="list-style-type: none"> • Conducted Campus Recruitment Training (CRT) for students. |
| Certification | <ul style="list-style-type: none"> • Certified with ISO |
| Green Initiative | <ul style="list-style-type: none"> • Replacement of tube lights with LED lights. • Conducted Plantation programmes like Haritha haram. |

The principal, College Academic Committee and other committee will routinely monitor the strategy plan's implementation. The improvement report will be compiled by the heads of the relevant committees.

The IAQC committee will periodically evaluate Perspective plan attainment and present its results to the College Academic Committee and Governing Body. The Academic council and Governing body committee will recommend corrective steps, the need for further processes and the deployment of resources based on the IQAC findings.

QUALITY EDUCATION AND LIFELONG LEARNING

ICT TOOLS

The teachers at Princeton college of Pharmacy have adapted to ICT teaching pedagogy. The college campus is enabled with high speed WIFI connection. The faculty utilizes for various Information and Communication Technology (ICT) enabled tools in education to support and enhance quality teaching-learning process.

In support of the Information and Communication Technology (ICT), teaching-learning process within the institution exist in following methods.

- Online Collaborative learning
- Ex-Pharma (Virtual Pharmacology)
- Draw tools
- Databases
- Molecular Modelling
- ADME toxicity

The various ICT tools are used for effective Teaching-Learning process:

- The PPTS are used with animations to improve the quality of teaching-learning process.
- Conducting of Online Quizzes for students to improve effectiveness of the teaching-learning.
- Desktop – arranged at computer Lab and senior faculty cabins all over the campus.
- Projectors – available in different classrooms.
- Seminar rooms – Digital facility is provided in Seminar Hall.
- Printers – HOD Cabins, Labs and all prominent places printers are arranged.
- Online classes – conducting through Google meet, Zoom, Google classroom.
- Digital Library resources (DELNET).
- CC – Cameras- The campus is under 24hrs video surveillance.

Most of the faculty use following interactive methods for teaching:

1. **Online Quiz:** Conducting online quiz for students after the completion of each unit with the help of GOOGLE FORMS.
2. **Lab Manuals:** Manuals are prepared and given to students before the experiment is performed for better understanding of experiments.
3. **PowerPoint Presentations:** PowerPoint Presentations are encouraged for facilities to use in their Teaching by using LCDs and projectors.
4. **Industry talks:** Expert talks, Guest lectures and various competitions are regularly organized for students in digitally equipped seminar hall.
5. **Video Lecture:** For long term learning and future referencing recording video lectures is made available for students.
6. **Workshops:** Teachers use various ICT tools for conducting workshops.



BLACK BOARD TEACHING

POWER POINT

Power point enhances learning by providing a better understanding of the topic as well as creating an interest in students. It shows that teaching based on the use of technology has a significant positive effect on learners scores in things like

engaging multiple learning styles, increasing visual impact, improving learners focus, analysing and synthesising complexities. Power point allows to utilize images, audio and video to have a greater visual impact. These visual and audio make a presenter more effective and improve their performance in the sessions.



PHARMACISTS DAY

Conducted Pharmacist Day celebrations and awareness program at Princeton college of Pharmacy for A.Y 2023-24



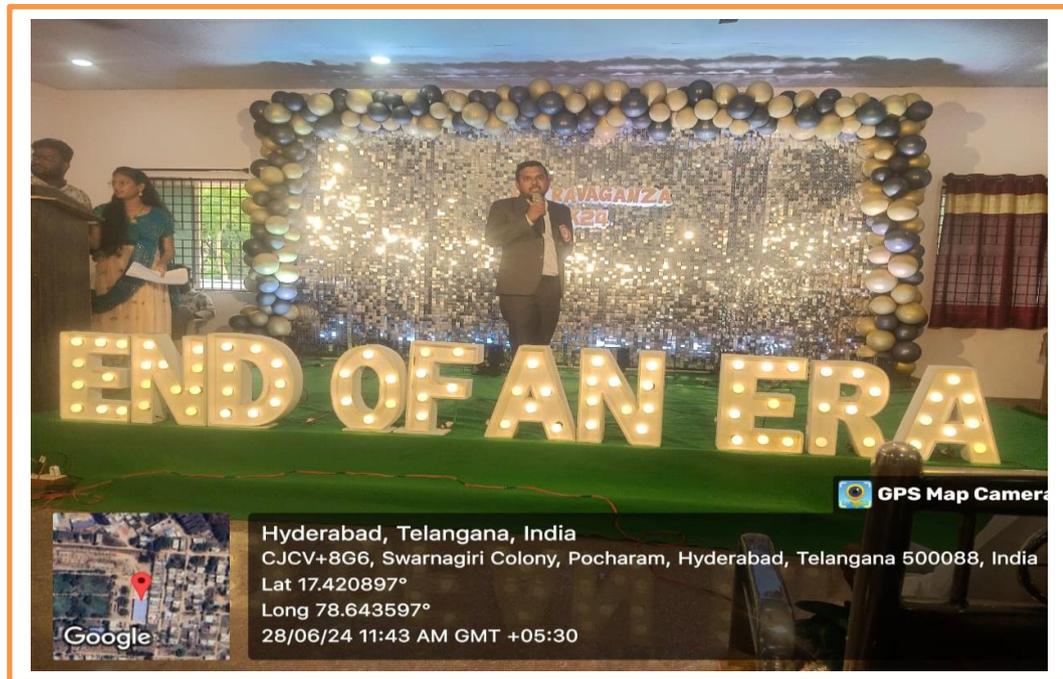
FRESHERS DAY

Fresher's Day celebrated in the premises of Princeton College of Pharmacy for A.Y 2023-24



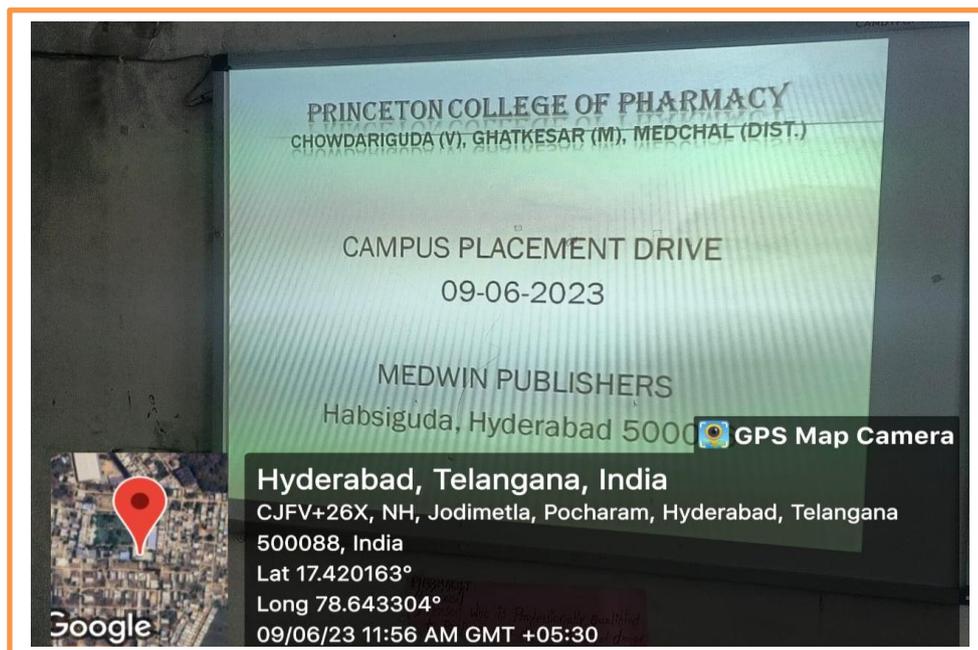
FAREWELL DAY

Farewell Day celebrated in the premises of Princeton College of Pharmacy for A.Y 2023-24



CAMPUS PLACEMENT DRIVE

Princeton College of Pharmacy conducted Campus Placement Drive for A.Y 2023-24





INDEPENDENCE DAY

NSS Unit of Princeton College of Pharmacy organized Independence Day on 15/08/2023. All students of B. Pharmacy, Pharm D & M Pharmacy are actively participated and students came up with slogans with inspiring quotes for empowerment of Indian Citizens.



REPUBLIC DAY

NSS Unit of Princeton College of Pharmacy organized Republic Day on 26/01/2024. All students of B. Pharmacy, Pharm D & M Pharmacy are actively participated and students came up with slogans with inspiring quotes for empowerment of Indian Citizens.



GANESH CHATURDHI CELEBRATIONS

Princeton College of Pharmacy students celebrated Ganesh Chaturthi in College premises for A.Y 2023-24



BLOOD DONATION

Princeton College of Pharmacy –NSS unit conducted “Blood Donation Camp” in collaboration with Tarnaka Blood Centre, TSRTC HOSPITAL at Princeton College of Pharmacy. Faculty members and students actively donated blood for A.Y 2023-24.



LIBRARY

Library at Princeton College of Pharmacy is a part of facility that provides conducive learning environment for students, offers a vast collection of textbooks, reference books, journals and periodicals as well as online resources and databases.

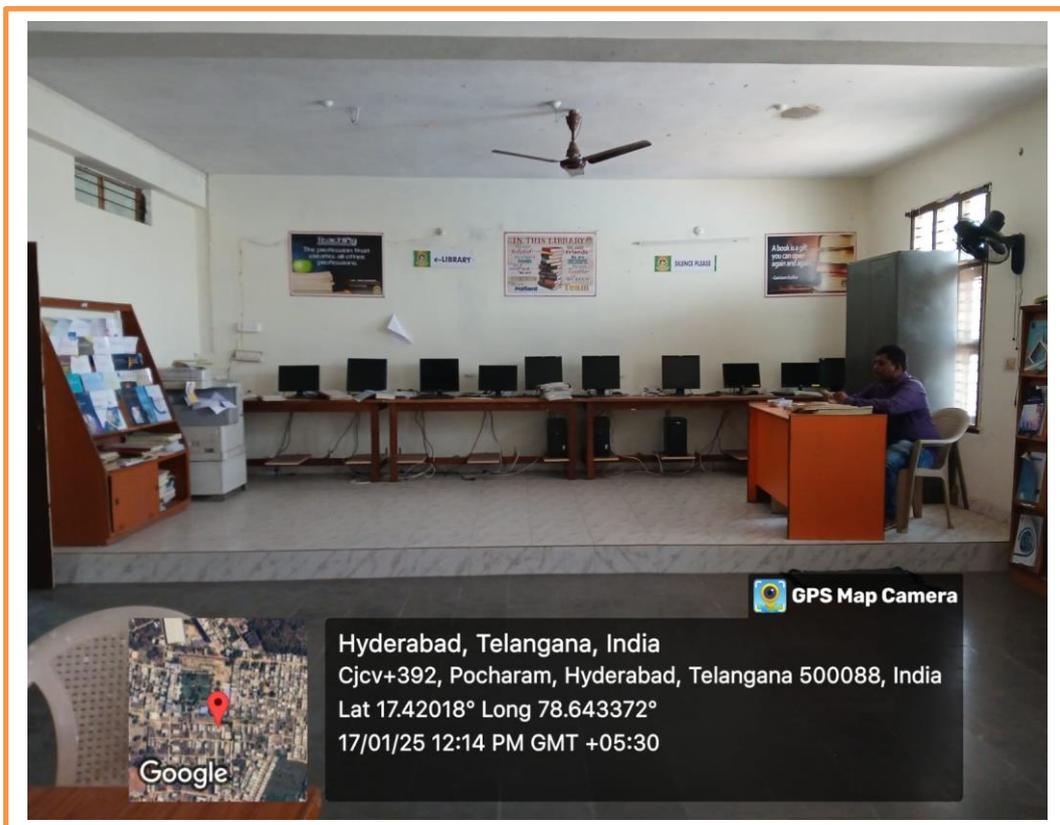
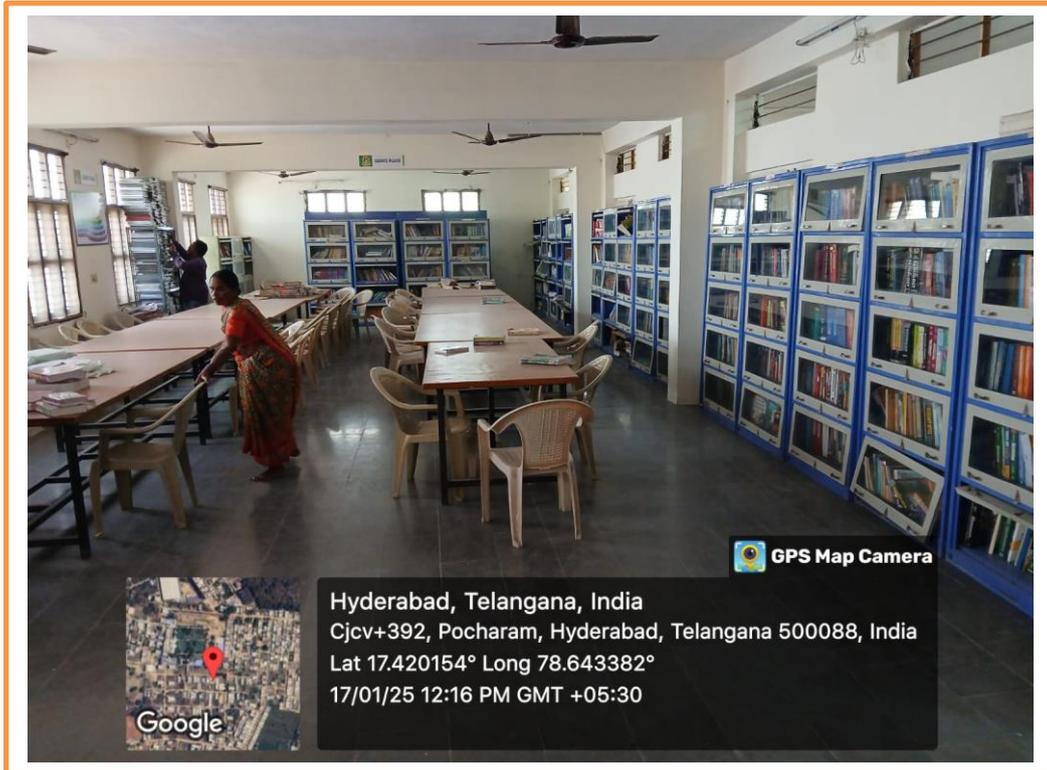
The Library also has a dedicated reading area, making an ideal space for students to study, research and collaborate.

High-performance Computers with internet access.

Scanning and Printing facilities.

High-speed Wi-Fi connectivity throughout the library.

Microsoft and other productivity softwares.



FLOWCHART

- **Visual learning:** Helps students understand complex concepts and relationships.
- **Step-by-step understanding:** enables students to follow a logical sequence of ideas.
- **Develops critical thinking:** Encourages students to analyse and evaluate information
- **Easy review:** Facilitates quick review and reinforcement of key concepts.
- Break down topics into manageable chunks.
- Summarize key points.

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USP-NF & Non-USP-NF

| Apparatus | Name | Agitation Method | Drug Products |
|------------------------|------------------------|------------------|--|
| Apparatus 1 | Rotating basket | Rotating stirrer | Tablets & capsules |
| Apparatus 2 | Paddle | Rotating stirrer | Tablets, Capsules, Modified drug products, suspensions |
| Apparatus 3 | Reciprocating cylinder | Reciprocation | Extended release drug products |
| Apparatus 4 | Flow cell | Fluid movement | Drug products containing low water soluble drugs |
| Apparatus 5 | Paddle over disc | Rotating stirrer | Transdermal drug products |
| Apparatus 6 | Cylinder | Rotating stirrer | Transdermal drug products |
| Apparatus 7 | Reciprocating disc | Reciprocation | Extended release drug products |
| Rotating bottle | Non- USP-NF | | Extended release drug products (beads) |
| Diffusion cell (Franz) | Non- USP-NF | | Ointments , creams, Transdermal drug products |

Spring

Disc

Pointed Rod

Cylinder

Angled Disc



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DOSAGE FORM BASED ON ROUTE OF ADMINISTRATION

