



OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com

2.3. Teaching- Learning Process:

2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences:

2.3.2. Teachers use ICT enabled tools for effective teaching-learning process.

Supporting Documents

Kindly find below the attached documents for the required information for the assessment period authenticated by the Director/ Principal on the letterhead of HEI.


Director/Principal
Govt. College of Pharmacy Rohru
Disst. Shimla HP-171207



OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com

2.3 TEACHING LEARNING PROCESS

Student-centric methods are a novel approach to teaching. In traditional methods, only teachers delivered their lectures with less input from students, whereas in novel student-centric methods, faculty and students equally contribute to the class. The faculty of our institute use this novel approach while delivering of their lectures. Institute has an unafraid academic environment in which students have cleared their doubts anytime in their classes. Moreover, also one tutorial class per week is organized for clearing student's doubts and solving problems as well as seminars, and guest lectures organized for students on a particular topic. Our college also used various modern techniques for effective learning which include project-based learning, active learning, collaborative learning cooperative learning in which special oriented sessions like debates on current issues, and quiz competitions on burning issues are organized for students. Our college regularly enhanced the practical knowledge of students on a particular subject. For example, the pharmacognosy subject is enhanced by organizing various educational tours or field trips of herbal gardens through which students learned the vast knowledge of medicinal plants. In a similar manner, the students increased their practical knowledge of pharmaceutics subject through industrial exposure by which students are able to learn about the formulation section on a large scale and hospital training of students are playing important role in the subject of pharmacology. The final year project work increased the practical as well as research knowledge of students.

College day by day updated new things and technology. The entire faculty of this institute uses ICT tools for their creative and learning innovation. ICT plays a vital role in the education system.



Director/Principal
Govt. College of Pharmacy Rohru
Disstt. Shimla HP-171207



OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com

Webex, google meet, zoom, loom etc. College also has its own LMS i.e. *online examination excess* through which online examination, sessional, and objective-based questions are organized in a regular manner. Faculty prepared notes, PowerPoint presentations, and lecture videos which are regularly uploaded in the google classroom, YouTube channels, and in Loom platform. One faculty member has also lifetime excess in loom tool for education purposes. Regular student's assignments are also given and evaluated through google classroom. For research and experimental purpose, this institute also has pharmacology and physiology software, in which students learned about animal handling etc. Students also learned about various software like SPSS and Design and Experiments (DOE) for correlation and optimizations. The college has one smart classroom as well as one seminar/conference room which are equipped with the latest technologies. Students of this college also learned about molecular docking through various software and all these software are available in the computer lab of the college. The college also has communication and language lab software through which students increase their personality and learned English which is beneficial for carrier upliftment.


Director/Principal
Govt. College of Pharmacy Rohru
Disst. Shimla HP-171207



OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com

2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences:

Student-centric methods are a novel approach to teaching. In traditional methods, only teachers delivered their lectures with less input from students, whereas in novel student-centric methods, faculty and students equally contribute to the class. The faculty of our institute use this novel approach while delivering their lectures. Institute has an unafraid academic environment in which students have cleared their doubts anytime in their classes. Moreover, also one tutorial class per week is organized for clearing student's doubts and solving problems as well as seminars, and guest lectures organized for students on a particular topic. Our college also used various modern techniques for effective learning which include project-based learning, active learning, collaborative learning cooperative learning in which special oriented sessions like debates on current issues, and quiz competitions on burning issues are organized for students. Our college regularly enhanced the practical knowledge of students on a particular subject. For example, the pharmacognosy subject is enhanced by organizing various educational tours or field trips of herbal gardens through which students learned the vast knowledge of medicinal plants. In a similar manner, the students increased their practical knowledge of pharmaceuticals subject through industrial exposure by which students can learn about the formulation section on a large scale and hospital training of students are playing important role in the subject of pharmacology. The final year project work increased the practical as well as research knowledge of students.


Director/Principal
Govt. College of Pharmacy Rohru
Disst. Shimla HP-171207



OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com

The institution has well-maintained learning monitoring systems. Students should always feel free to ask questions and provide feedback. Teachers address student concerns politely. students receive extra aid through special classes and tutorials for weaker students.

Experiential learning :

Experiential learning aims to create a positive environment and inspire students to solve real-world challenges. Teachers allow students to explore, self-study, and learn from mentors to develop practical and lasting skills. In addition to end-of-semester projects, class assignments (charts, models, etc.) encourage innovation through practice.

In addition, final-year students learn the latest software-based approaches like docking and work on research projects under teacher supervision. The faculty supports and evaluates B. Pharm students' practical training. Students receive live demonstrations and hands-on experience with UV-Visible Spectrophotometer, HPLC, Dissolution apparatus, tablet machine, capsule filling machine, Diffusion Cell, GEL Electrophoresis, Soxhlet, Compound Microscope, Microbial Zone Reader, BOD Incubator, Auto Analyzer, Autoclave, FT-IR, etc. to improve their theoretical knowledge.

Participative learning:

Participative learning methods at the institute include requiring students to provide curriculum-related technical seminars and foster competitive and team spirit through debates and panel discussions. Student association activities, e-learning, locating internet resources for self-learning, quizzes, debates, etc. are used to improve the learning environment.

Problem-solving methodologies:

Teachers give students personalized attention from 1st year onwards in addition to the above methods. Class In-charges address student issues and provide need-based counseling. Every student receives unique feedback on the internal evaluation exams. Teachers advise students on MOOC course selection. Students do various research projects under teacher supervision to publish their findings in renowned journals.


Director/Principal
Govt. College of Pharmacy Rohru
Disstt. Shimla HP-171207



OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com


GUEST LECTURES:

Speaker	Dr. Ashwani
Designation	Associate Professor
Official Address	Government P.G College Seema
Topic	Recent trends in Pharmaceutical Sciences
Date	05 November, 2022

A guest lecture was organized during the induction programme for first year students of Govt. College of Pharmacy, Rohru on 5 November, 2022. Dr. Ashwani from Government P.G College Seema was invited as the guest speaker. The student volunteer Ms. Khushbu welcomed the guest speaker with their brief introduction. Dr. Ashwani has delivered his lecture very efficiently on the topic "Recent trends in Pharmaceutical Sciences". He also inspired and motivated the first year students to set aim of their life and put in efforts or work hard to achieve the goals. He also told the students about some physical exercises to practice in their daily routine to maintain a balance in their work and get relieved from stress. Ms. Priyanka Nagu (Assistant Professor, Pharmaceutics) ends the session with vote of thanks. Prof. (Dr.) Vivek kumar Sharma Director/Principal of Govt. College of Pharmacy, Rohru presented an appreciation certificate to the guest speaker.

Add pics1 and 2 from folder 15




Director/Principal
Govt. College of Pharmacy Rohru
Disstt. Shimla HP-171207



**OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)**

**Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical
University, Hamirpur**

Telefax: 01781241306, ISO: 9001:2015 Certified Institution

Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com

Speaker	Ms. Sulochana Thakur
Official Address	Tiens India
Topic	Women Hygiene
Date	15 November, 2022

The Gender sensitization cell of Govt. College of Pharmacy, Rohru has organized a guest lecture on “Woman hygiene” on 15 November, 2022. Ms. **Sulochana Thakur** from Tiens India was the invited speaker. She delivered her lecture with demonstration on proper usage of sanitary napkins and adopting healthy habits to avoid severe health issues.

Add pics 3 from folder 15




**Director/Principal
Govt. College of Pharmacy Rohru
Disst. Shimla HP-171207**



OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)


Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com

Speaker	
Official Address	Controller General of Patents, Design and Trademark
Topic	IPR Awareness Programme
Date	16 November, 2022

A guest lecture on IPR Awareness was organized on 16 November, 2022. Two experts from Office of Controller General of Patents, design and Trademark were invited as the guest speaker. The session was very informative and students enlightened to know about the facts of IPR and its related rights.

Add pics 4, 5 and 6 from folder 15




Director/Principal
Govt. College of Pharmacy Rohru
Disstt. Shimla HP-171207



OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com

Speaker	Mr. Ankur, Mr. Sandeep and Ms. Laxmi
Official Address	SBI Bank Rohru
Topic	Govt. Saving Schemes
Date	16 November, 2022

A guest lecture was organized in the auditorium of Govt. college of Pharmacy, Rohru at 3:00 pm dated 16 November, 2022 on the topic Govt. Saving Schemes. SBI Bank Staff Mr. Ankur (Branch Manager), Mr. Sandeep (Deputy Branch Manager) and Ms. Laxmi (Clerical Staff) were the speakers of the guest lecture. They told about the various saving schemes run by the government and also ask the students to open zero balance account. Some students fill and submitted the forms for account opening.

Add pics 7, 8 and 9 from folder 15




Director/Principal
Govt. College of Pharmacy Rohru
Disstt. Shimla HP-171207



OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com

Guest lecturers are an interesting way of learning and interacting with new people and gaining more knowledge on a particular topic. Such events and lectures help in enhancing the communication skills and many other skills of the students. Govt. College of Pharmacy Rohru invites guest speakers within the college premises to deliver lectures to the students. The details of the guest lecturers organized during this session are tabulated below.

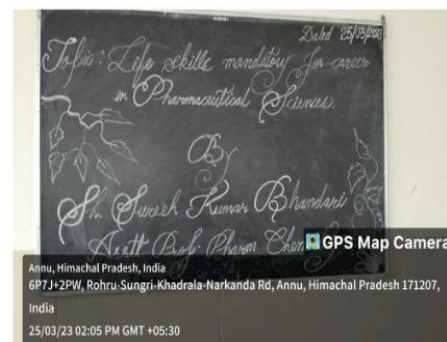
Topic of Guest Lecture	Guest Speaker	Speaker's Designation	Date
Moneywise CFL organized Literacy Camp	Sh. Vishal Kumar	ARAVALI: Association of Rural Activities and Voluntary action for Literacy Information	13.02.2023
Communication Skills & Language Acquisition Process	Sh. Bhupesh Kumar	TEFL Trainer (Vistas educational Institute SunderNagar)	17.03.2023
Life Skills mandatory for career in Pharmaceutical Sciences	Sh. Suresh Bhandari	Assistant Professor (College of Ayurvedic Pharmaceutical Sciences)	25.03.2023
Role of Impurity Profiling	Dr. Ravinesh Mishra	Dean, SPES (Baddi university of Emerging Sciences & Technology)	20.04.2023
Career Prospects on Higher Education	Prof. K.D.S. Bedi	Dean & Director- MBA Sales & Marketing (Chitkara University, Rajpura, Punjab)	25.04.2023


Director/Principal
Govt. College of Pharmacy Rohru
Disstt. Shimla HP-171207



OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com




Director/Principal
Govt. College of Pharmacy Rohru
Disstt. Shimla HP-171207



OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com

2.3.2. Teachers use ICT enabled tools for effective teaching-learning process.

The college keeps up with new technology to give students a dynamic learning environment. The entire faculty uses ICT to encourage instructional creativity and innovation. ICT helped maintain schooling during the COVID-19 pandemic. Using Google Classroom, Microsoft Teams, Webex, Zoom, and Loom, the faculty adapted to online instruction. The college also uses an LMS to seamlessly administer online exams, sessionals, and objective-based evaluations. Faculty post notes, PowerPoints, and lecture recordings to Google Classroom, YouTube, and Loom. A faculty member has lifetime Loom access for educational reasons, making instructional video creation and distribution straightforward. Google Classroom assigns and grades assignments to meet engagement and assessment standards. The college provides pharmacology and physiology software for study and experimentation, teaching students animal handling and other skills. Students learn SPSS and DOE for correlation and optimization.

The college has a smart classroom and a seminar/conference room with cutting-edge technology for immersive learning. Students use college computer lab software to learn molecular docking and other sophisticated concepts. The college also offers communication and language lab software to help students develop their personality and English language abilities for professional growth. The college provides a well-rounded education that prepares students for future challenges and possibilities through technological integration.



Director/Principal
Govt. College of Pharmacy Rohru
Disst. Shimla HP-171207



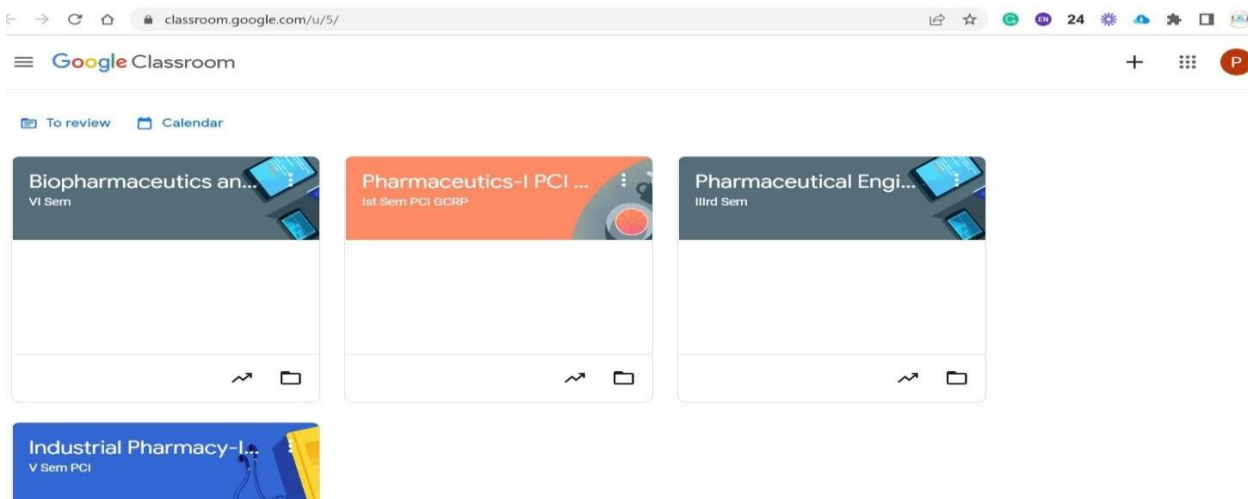
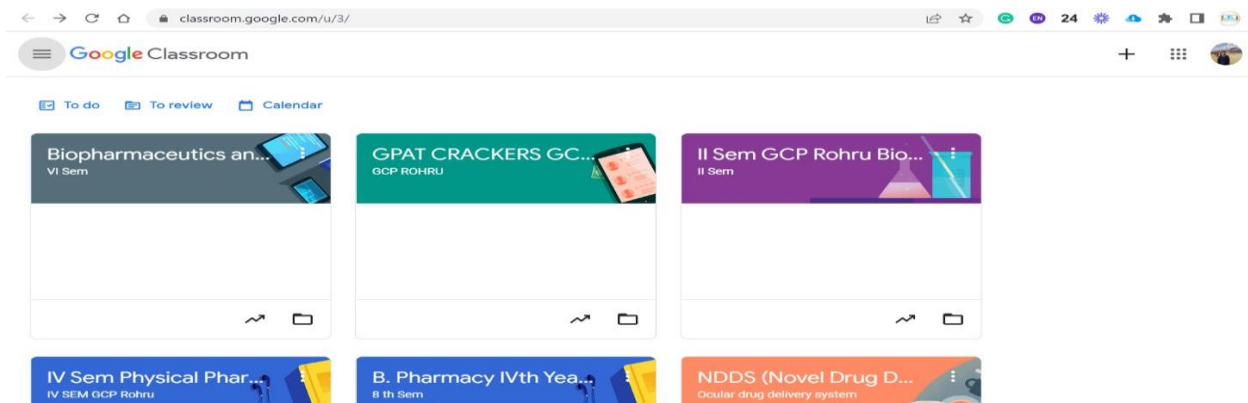
OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com

ICT Tools: -

Google Classroom: - Google classroom is one of the best online tools for teaching in which teachers can provide notes, video lecture links, assignments, and objective-based questions to students. During COVID-19 pandemic google classroom is extensively used by the faculty.

Link:- <https://classroom.google.com/u/3/> <https://classroom.google.com/u/5/>
<https://classroom.google.com/u/4/>




Director/Principal
Govt. College of Pharmacy Rohru
Disst. Shimla HP-171207



OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com

My Online Exam: - During COVID periods college has also one another paid tools for examinations and classes. All students examination records are stored in this portal with high security. All faculty members has access to make their own questions for students and take the examination through this platform.

Link: - <https://gcp.myonlineexams.com/?alerts=U08>.

The screenshot displays the GCP Online Exam dashboard for an examiner. The interface includes a sidebar with navigation options like Dashboard, Create Exam, Question Bank, Manage Exams, Study Material, Students, Exam Circle, Packages, and Reports. The main dashboard area shows several key metrics: 'Create Exam' button, '140 Total Questions', '0 Active Exams', '2 Approved Exams', and '0 Live Exams'. Below these are charts for 'Exam Attempts Summary' and 'Exam Results Overview', along with a 'Top 10 Exams' section. A notification indicates that no exams have been attempted yet. The user's name, Raneev Thakur, and their role as Director/Principal are visible in the top right corner.

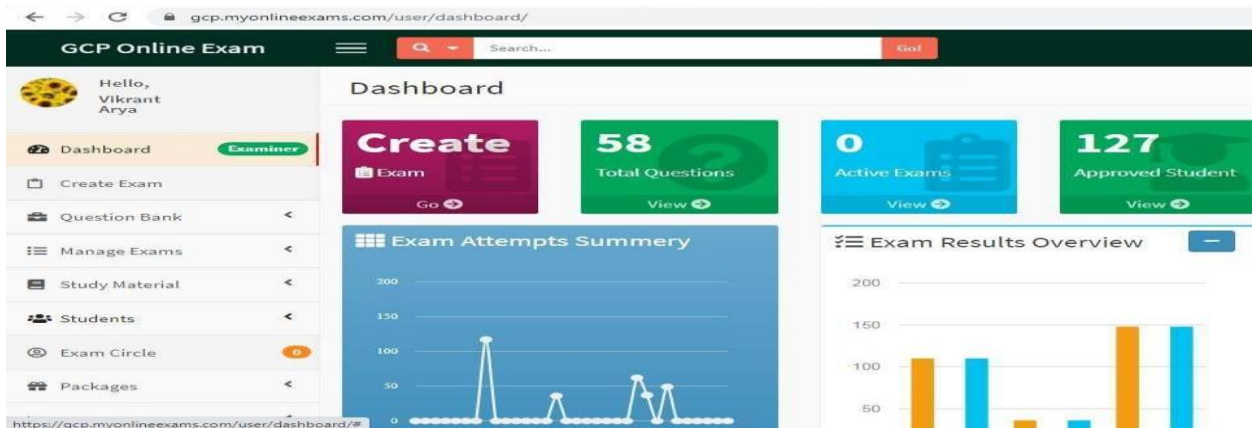
The screenshot shows the login page of the GCP Online Exam system. On the left, there is a large image of the college building. On the right, there is a login form with the following elements: a success message 'You have logged out successfully.', a 'Username/Email' field containing 'raneev007@gmail.com', a 'Password' field with masked characters, a 'Remember me' checkbox, and a 'Secure Login' button. Below the login form, there is a link for 'Forgot your password? Request a new one.' The user's name and role are visible in the top right corner.

Director/Principal
Govt. College of Pharmacy Rohru
Disstt. Shimla HP-171207



OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution
Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com



The screenshot shows an online exam interface. On the left, there are three questions with chemical structures. The main area displays a question: 'PODOPHYLLUM IS USED AS' with radio button options for 'ANTI-CANCER' (selected) and 'ANTI-FUNGAL'. Below the question is a chemical structure of Podophyllin. On the right, there is a 'Cam Recording' window showing a video feed of a student. The interface also includes a search bar and a user profile icon.


Director/Principal
Govt. College of Pharmacy Rohru
Disstt. Shimla HP-171207



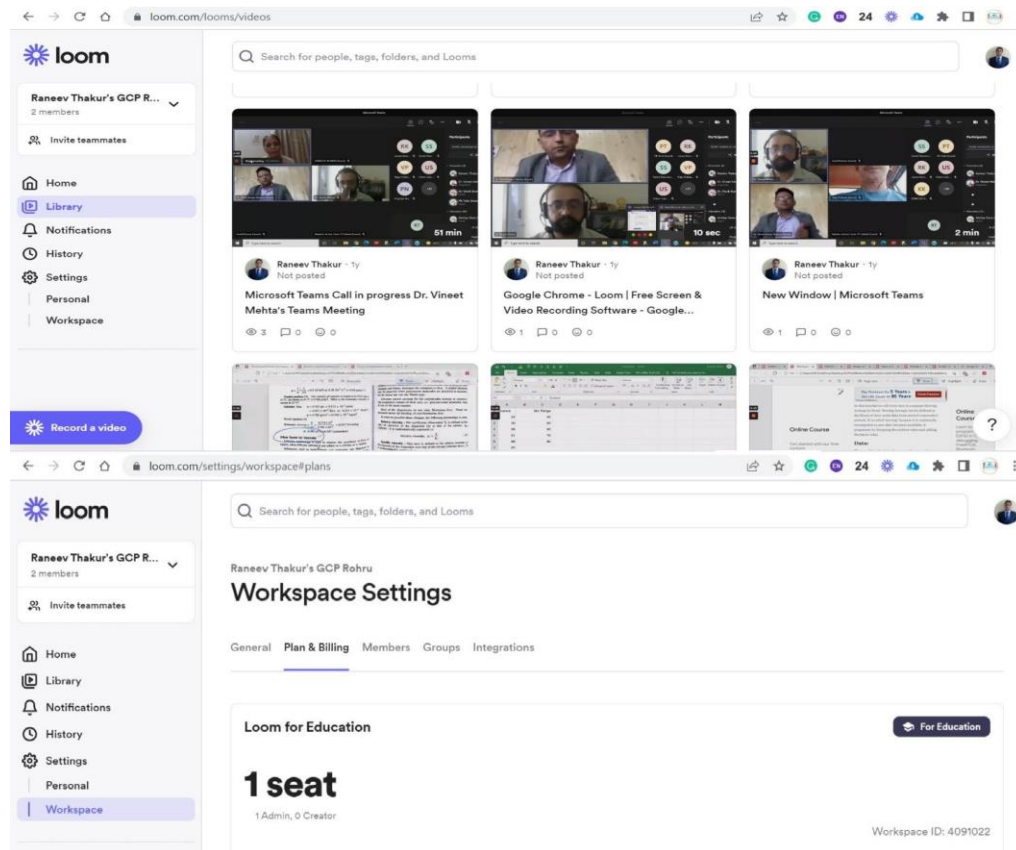
OFFICE OF THE DIRECTOR/PRINCIPAL
GOVERNMENT COLLEGE OF PHARMACY, ROHRU
TEHSIL ROHRU, DISTT. SHIMLA-171207, HIMACHAL PRADESH
(An ISO 9001:2015 certified institute)

Recognized by PCI/AICTE; Affiliated to Himachal Pradesh Technical University, Hamirpur
Telefax: 01781241306, ISO: 9001:2015 Certified Institution

Web: www.gcprohru.ac.in, e-mail: gcprohru@gmail.com

LOOM: - One of the latest technology tools in which anyone can record their video lectures with high resolution (HD format) and one faculty member of this institute has life time access of Loom for education purpose.

Link: - <https://www.loom.com/home>




Director/Principal
Govt. College of Pharmacy Rohru
Disstt. Shimla HP-171207