



वैश्वेय कुटुम्बकम्
ONE EARTH • ONE FAMILY • ONE FUTURE

OFFICE OF THE DIRECTOR/PRINCIPAL
GOVT. COLLEGE OF PHARMACY, ROHRU
Tehsil Rohru, District Shimla, Himachal Pradesh- 171 207
(NAAC B++ Accredited and ISO 9001:2015 Certified Institute)
Recognized by PCI; Approved by AICTE, New Delhi; Affiliated to HPTU, Hamirpur
Ph. No. 01781 - 241306; E-mail: gcprohru@gmail.com; web: www.gcprohru.ac.in

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
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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 pharmaceuticals 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.


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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.

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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.


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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.


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GUEST LECTURES:

Govt. College of Pharmacy Rohru organizes guest lectures periodically to enhance student skills and knowledge. These sessions offer unique learning opportunities and improve communication abilities. The details of the guest lecturers organized during this session are tabulated below

Topic Of Guest Lecture	Guest Speaker	Speaker's Designation	Date
Adolescent Health & Well Being	Sh. Satish Kumar	Adolsecent Health Counselor	8 August 2023
Anti-ragging: guidelines and legalities	Adv. Aman Negi	Sr. Advocate	11 August 2023
Drug Abuse: Consequence, cure and Control	Adv. Kapil Dev Ghayali	Advocate	11 August 2023
Swalambi Bharat Abhiyaan: A role for yuva Shakti	Adarsh Negi	Member, Akhil Bhartiya Vidharathi Parishad Shimla	30 August 2023
Income Tax : basics to implementation	Ms. Meenakshi	Manager, Canara Bank	20 October 2023
Career Prospective After B. Pharmacy	Dr. Ravineesh Mishra	Dean SPES, Baddi University	27 March 2024


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

The college integrates new technology to provide students with a dynamic learning environment. The faculty employs ICT to promote instructional creativity and innovation. The faculty adapted to online instruction utilizing Google Classroom, Microsoft Teams, Webex, Zoom, and Loom. The college employs a learning management system to efficiently conduct online examinations, sessional assessments, and objective evaluations. Faculty upload notes, PowerPoint presentations, and lecture recordings to Google Classroom, YouTube, and Loom. A faculty member possesses lifetime access to Loom for educational purposes, facilitating the creation and distribution of instructional videos. Google Classroom facilitates the assignment and grading of tasks to fulfill engagement and assessment criteria. The college offers pharmacology and physiology software for educational purposes, facilitating student learning in animal handling and related skills. Students acquire knowledge of SPSS and Design of Experiments (DOE) for the purposes of correlation analysis and optimization.

The college includes a smart classroom and a seminar/conference room equipped with advanced technology to facilitate immersive learning. Students utilize software in college computer labs to study molecular docking and other advanced concepts. The college provides communication and language lab software to enhance students' personality and English language skills for professional development. The college offers a comprehensive education that equips students to address future challenges and opportunities via technological integration.


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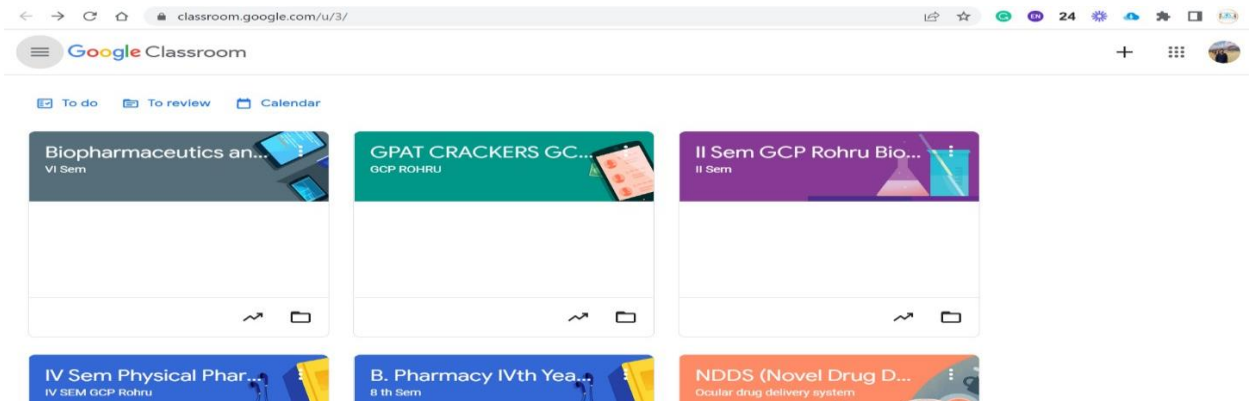
ICT Tools: -

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/>

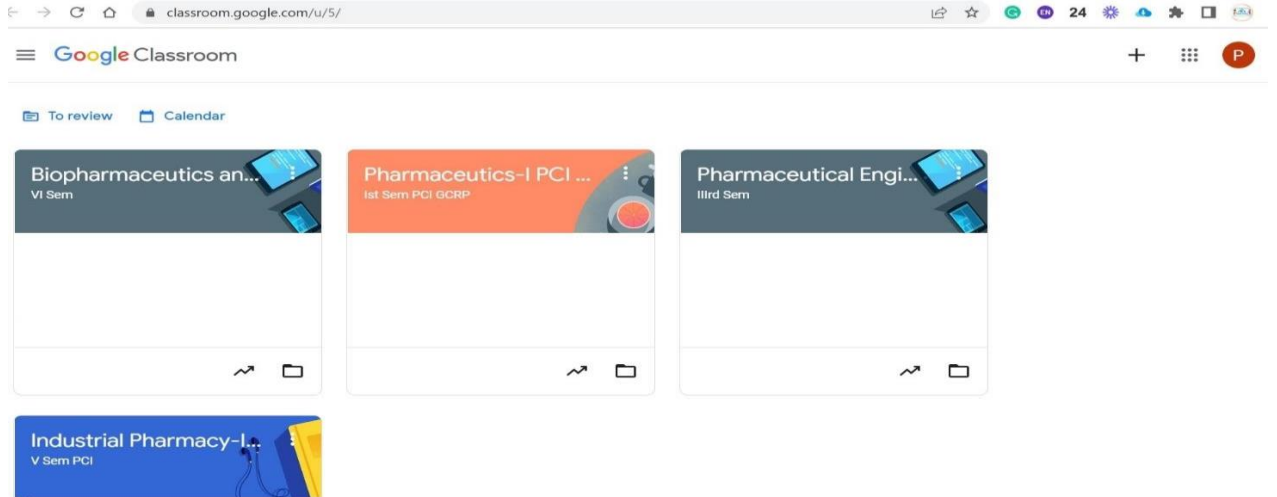



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LOOM: - One of the latest technology tools in which anyone can record their video lectures with high resolution (HD format) and one faculty member of this institute has life time access of Loom for education purpose.

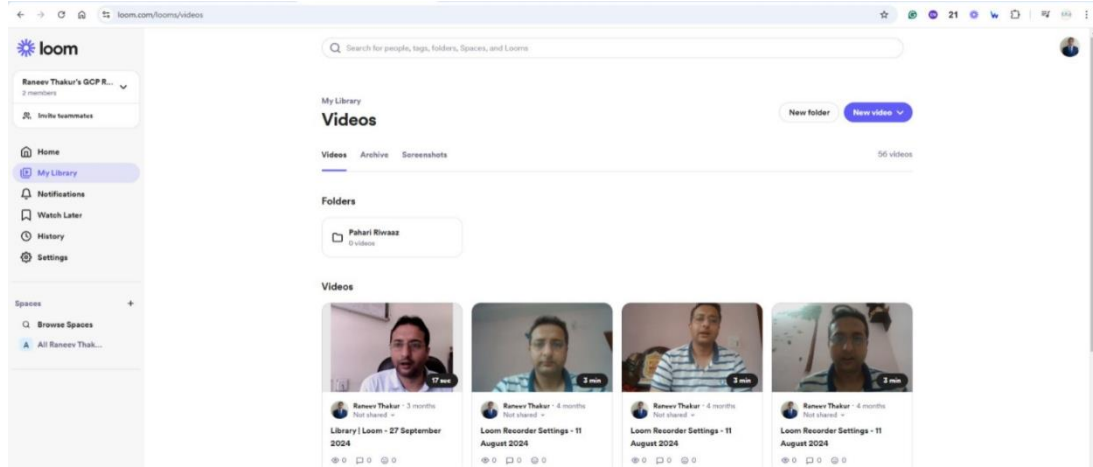
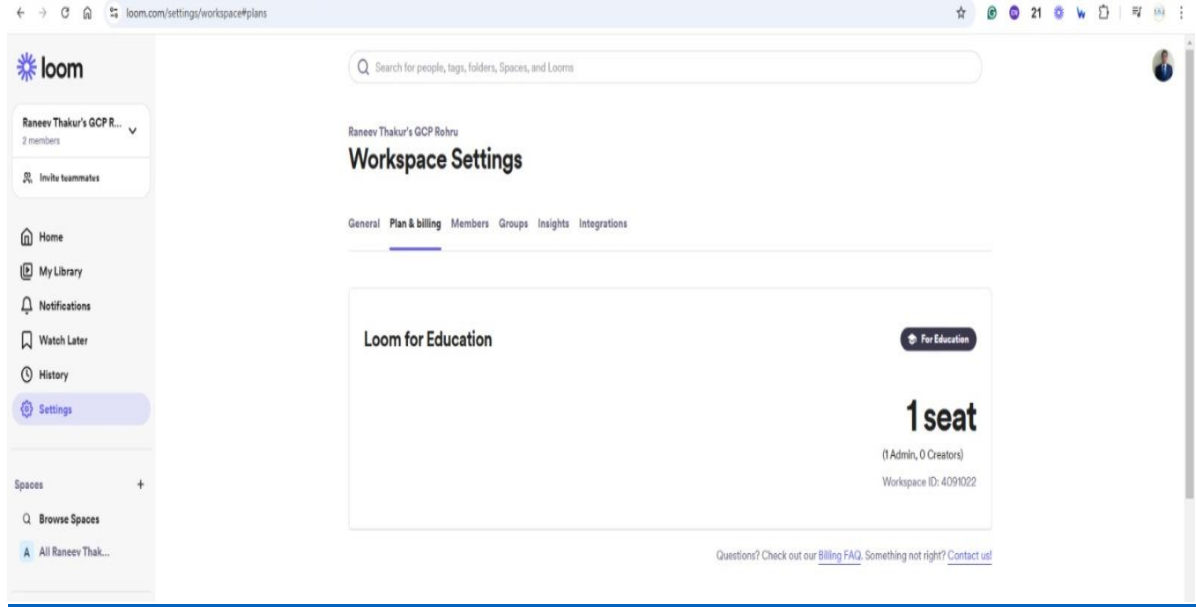
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