Dr. Rajendra Gode College of Pharmacy, Malkapur

2.3 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT

1. **Experiential and Practical Learning**:

After lectures in the classroom, experiential learning occurs at the institution through tutorial sessions, labs, equipment simulations. Students are encouraged to understand pharmaceutical science through experiments, project work and industrial visits etc.

Experiential and Practical Learning

The faculty regularly evaluates the practical work that the students complete. Students have the chance to witness and comprehend how theoretical concepts are applied as experiments in the lab sessions are carried out in accordance with the university syllabus. Various Equipments are commonly handled and demonstrated.

Industrial Learning

B. Pharmacy students are sent for industrial visits, trainings and internships to expose them to the working cultures of businesses and to give them the opportunity to interact with industry experts for experiential learning and subject understanding.

| Industrial Visit | Hospital Visit |

2. Participative Learning:

Scientific Learning

Students are encouraged to engage in active learning in the classrooms, which enhances their learning outcomes. Encouraging students to participate in a range of activities, such as poster presentations, e-posters, Power Point presentations, and quizzes. They are inspired to go to conferences, seminars, and workshops held by the institute and other institutes. To inculcate participatory learning and problem solving abilities in the students, in-class pedagogical activities such as Think-Pair-Share, Kahoot, Gamification, Group discussions are executed.

Group Discussion

Student's Seminar

Think-Pair-Share

Group Discussion

3. Problem Solving Methodologies:

Assignment learning

As an additional learning tool, students are encouraged to generate assignments each semester. Students are given a number of assignments as part of the internal evaluation process, based on the syllabus content. These assignments are remarked and evaluated.

| Assignment (Offline) | Assignment (Online) |

Project-based learning

Project-based learning aids in the development of extra skills crucial to students' future success, such as time management and critical thinking. Smaller research or review projects are assigned to the final year B. Pharm. students working under the project supervisors. Finally, students submit project reports containing their results. Major research projects for M.Pharm. students are assigned to them, taking into account their interests and the focus areas of current research.
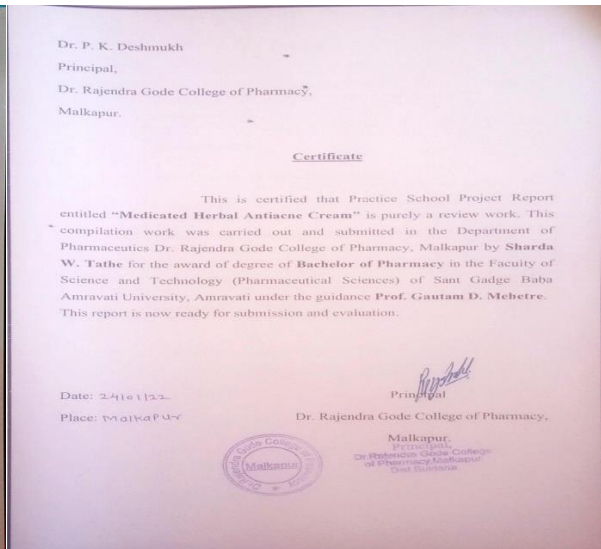
| PG Student project | UG Student project |

Publications/Presentation

Students can use periodicals to improve their writing and research skills, network with professionals, develop as professionals, and learn about potential career paths. Under the

guidance of their lecturers, students submit their pieces of scientific research for publication in reputed journals.
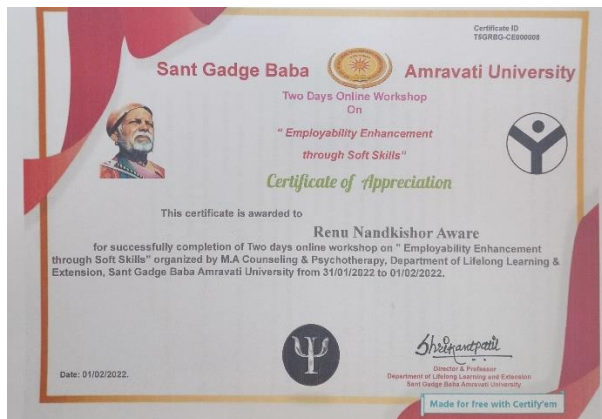

Article publication by student

Poster presentation by student

4. Self-directed learning

Discussion sessions are organized which help focus attention and engage students to grasp the reading material. Students are directed to learn new skills such soft skills by attending online courses like TCS ION runs course for young professionals.

Employability Enhancement Workshop


TCS ION course certificate

ICT Enabled tools in Teaching-Learning

In addition to traditional teaching approaches, faculty members are employing ICT (Information Communication Technology) enabled teaching methodologies in the classroom. Power Point presentations, Audio-Visual contents, DELNET, NDL, e-journals, e-books, e-notes, Research Gate and Google Scholar websites, Molecular Chem Draw, molecular docking softwares are used.

The well-equipped computer lab allows students to download required textbooks; e-resources.

Seminar Hall and class rooms are equipped with multimedia amenities to employ ICT tools.

During the lockdown time, educators conducted classes using online platforms like Zoom. Online tests are conducted through Google forms.

To address the need of the hour, the college hosted a COVID 19 online quiz, as well as Webinars on various topics.

Faculty and students on a Wi-Fi connected campus use internet services to better their teaching learning approaches.

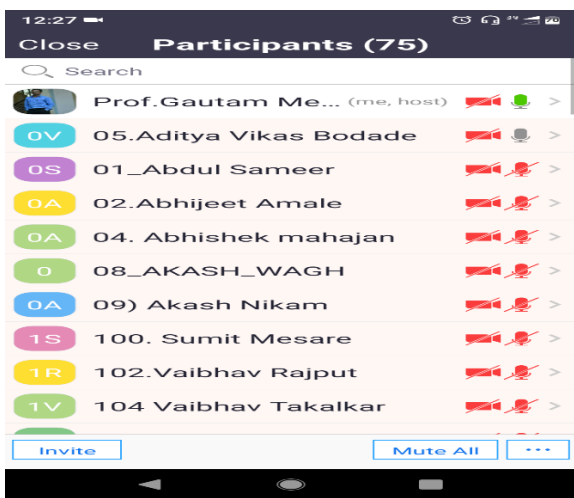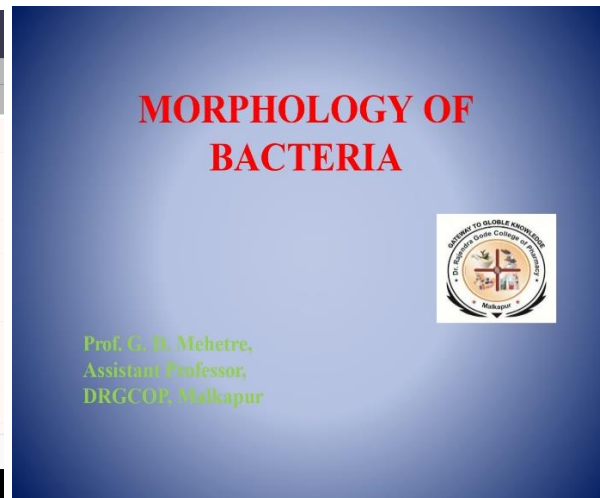Seminar Hall
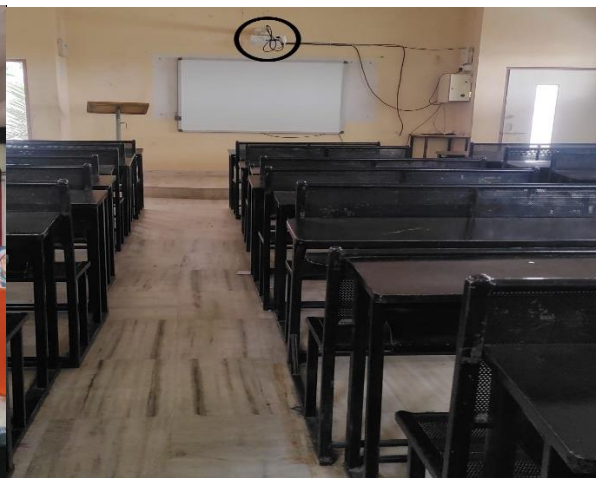
Digital Classroom

Wi Fi

Computer Laboratory
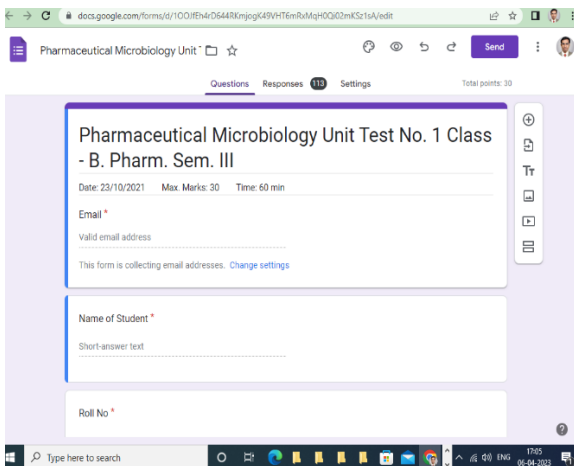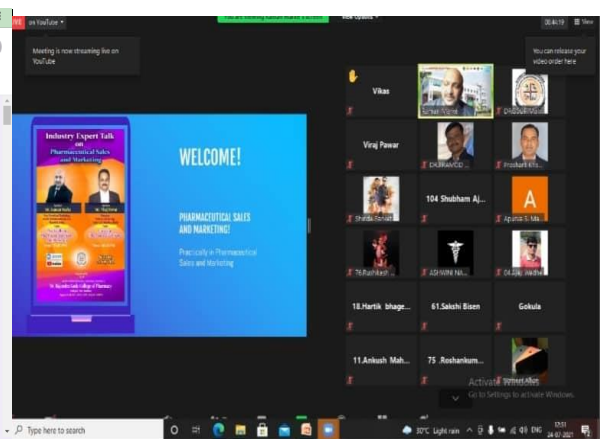
DELNET- e- Journals

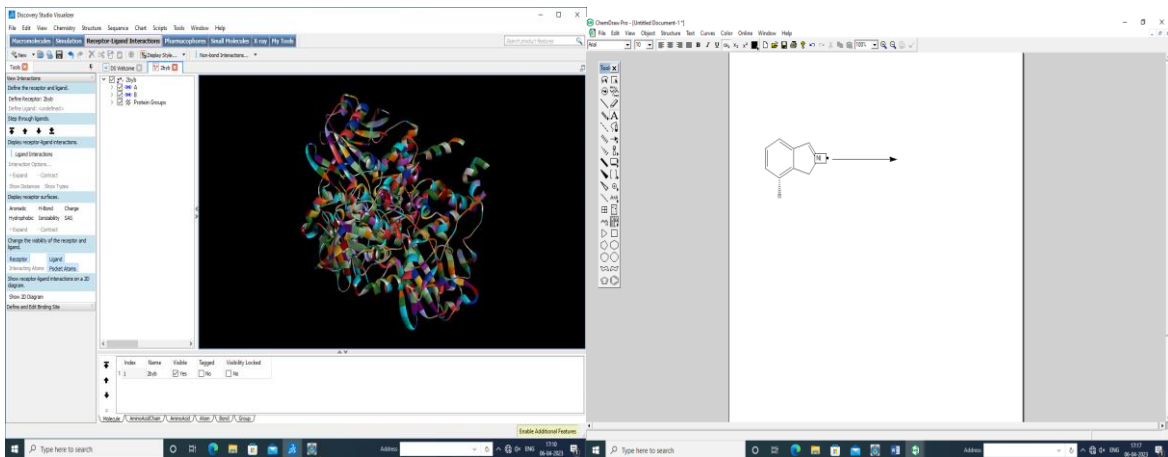

E- Library

Online Lecture using Zoom

PPT of subject content

Online Unit Test (Google Form based)

Webinar by expert

Molecular Docking

Chem Draw