<p style="text-align:center">Teaching Methods
Department of Mathematics</p>

In our department, we follow many different teaching methods that offer numerous learning applications, promoting a more innovative, interactive, and collaborative approach to learning. With a constant demand for quality education, students face unique challenges that require innovative approaches to teaching. Our aim is to provide students with insights into the strategies that can help improve the overall quality of education.

Innovative methods improve the understating of basic concepts, encourage deep and creative learning, and develop teamwork and communication skills.

We have adopted some innovative approaches that are:

1. **Teaching through lectures using new and creative approaches**
   Involving students in active discussions and problem-solving during the lecture can improve engagement and retention. Short question-answer sessions, quizzes, or live demonstrations are used to grasp key concepts.
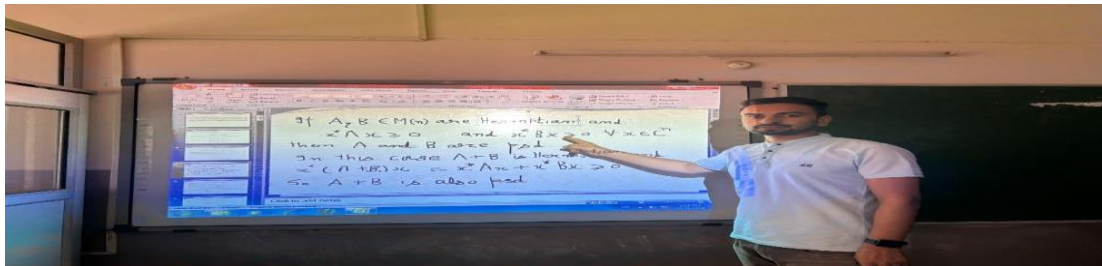

2. **Peer teaching and collaborative learning**
   Motivating students to help one another can be an effective educational strategy. Collaborating on some mathematics problems, peer tutoring, and working together in teams enhance communication abilities, teamwork, and understanding of the subject mathematics.
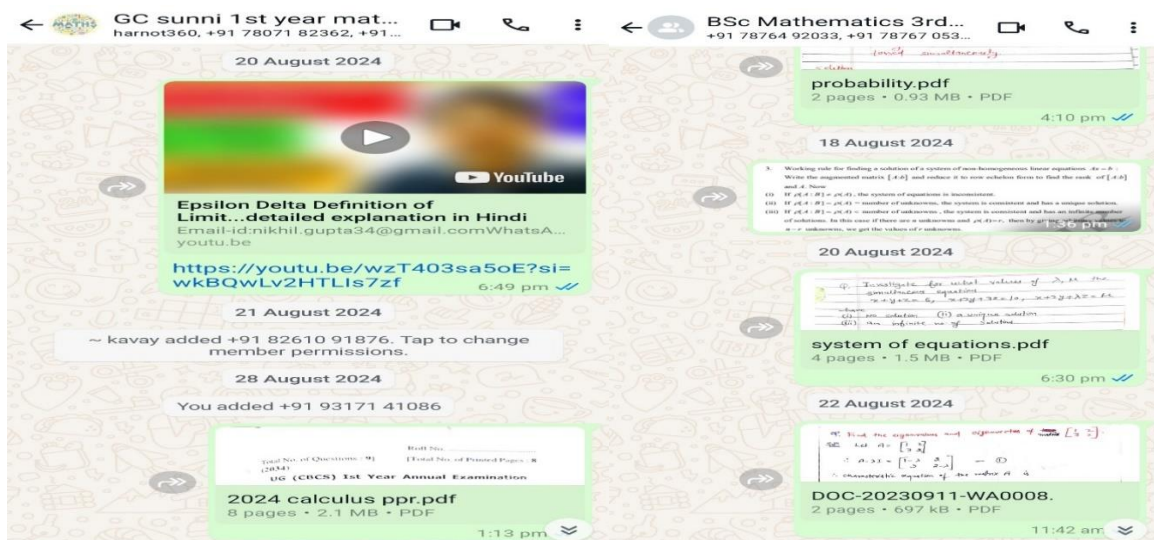
3. **Technology Integration**

Utilizing tools like projectors, interactive whiteboards, and educational apps can improve the quality of education by enriching teaching and learning. These tools help to simplify complicated concepts and provide opportunities for practical learning.

4. **Flipped Classroom**

In this approach, students acquire fresh knowledge at home via videos or readings, while using class time for engaging in discussions and other activities. This reverses the usual dynamic of lectures followed by homework and enables individualized teaching.

5. We are accountable for managing various parts of education for both slow learners and advanced learners. Special counselling session, extra coaching classes, handwritten notes, additional learning materials like question bank, university question papers etc. are given for slow learners. At the same time, bright students are also encouraged to do some external activities like attending workshop, training programs, guest talks etc in addition to above activities.

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