



CRITERION II

FLIPPED CLASSROOM ACTIVITIES

Key Indicator - 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 experience and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Participative Learning – Flipped Classroom Activities

Flipped classroom activities transform the learning experience by promoting active engagement, personalization, and deeper understanding of course materials. Class time is utilized for interactive activities like discussions, problem-solving, and group projects, rather than passive lectures. This active engagement fosters deeper understanding and retention of the material. It incorporates multimedia resources like videos, simulations, and online quizzes, which can captivate students' attention and make learning more entertaining.

SAMPLE PROOFS

DEPARTMENT OF COMPUTER APPLICATIONS- EXPLANATION OF ARRAYS IN PHP





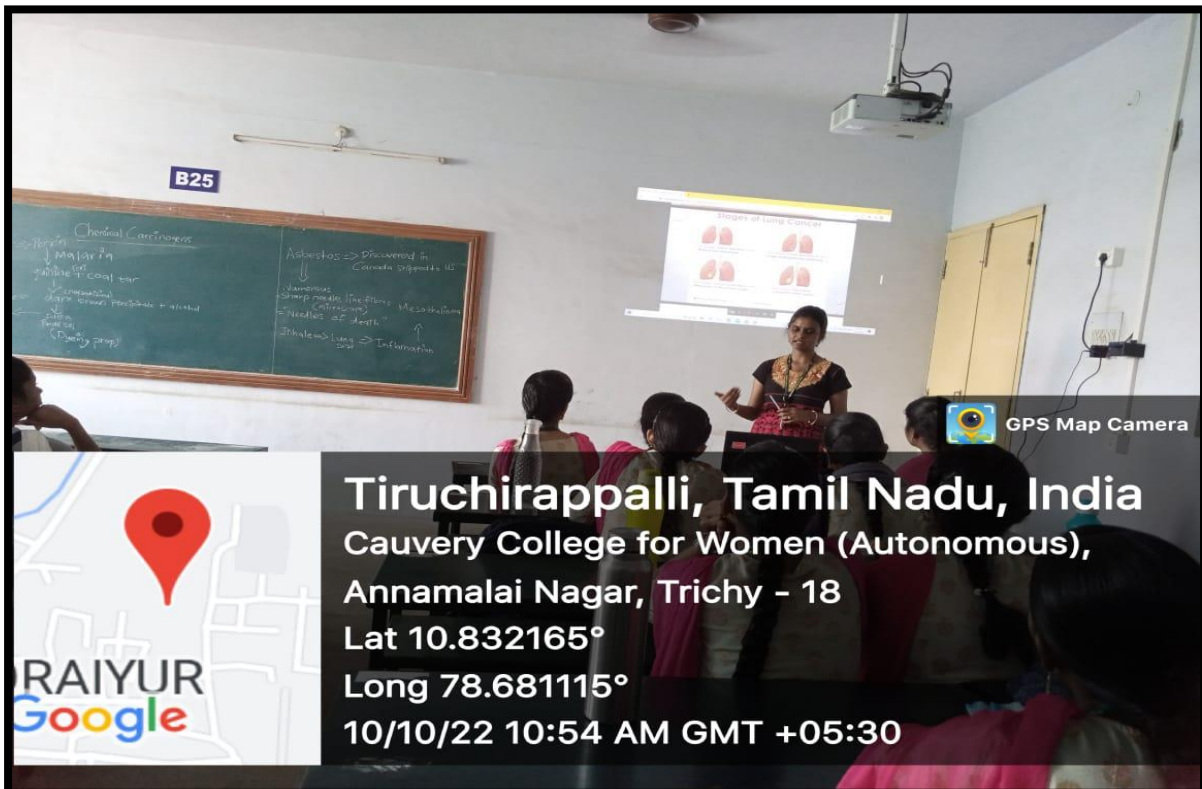
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FLIPPED CLASSROOM ACTIVITIES

STUDENT EXPLAINING THE CONCEPTS OF MULTIPLE INHERITANCE IN JAVA



DEPARTMENT OF BIOTECHNOLOGY- CONVERSATION ON LUNG CANCER





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DEPARTMENT OF BIOTECHNOLOGY- INTERACTIVE SIMULATION ON DNA PACKAGING



DEPARTMENT OF BIOTECHNOLOGY - DISCUSSION FORUM ON CHROMOSOME WALKING





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FLIPPED CLASSROOM ACTIVITIES

**DEPARTMENT OF COMPUTER SCIENCE –DISCUSSION ON MULTIMEDIA
UPDATES**



**DEPARTMENT OF COMPUTER APPLICATION - EXCHANGE OF IDEAS IN
ARTIFICIAL INTELLIGENCE**

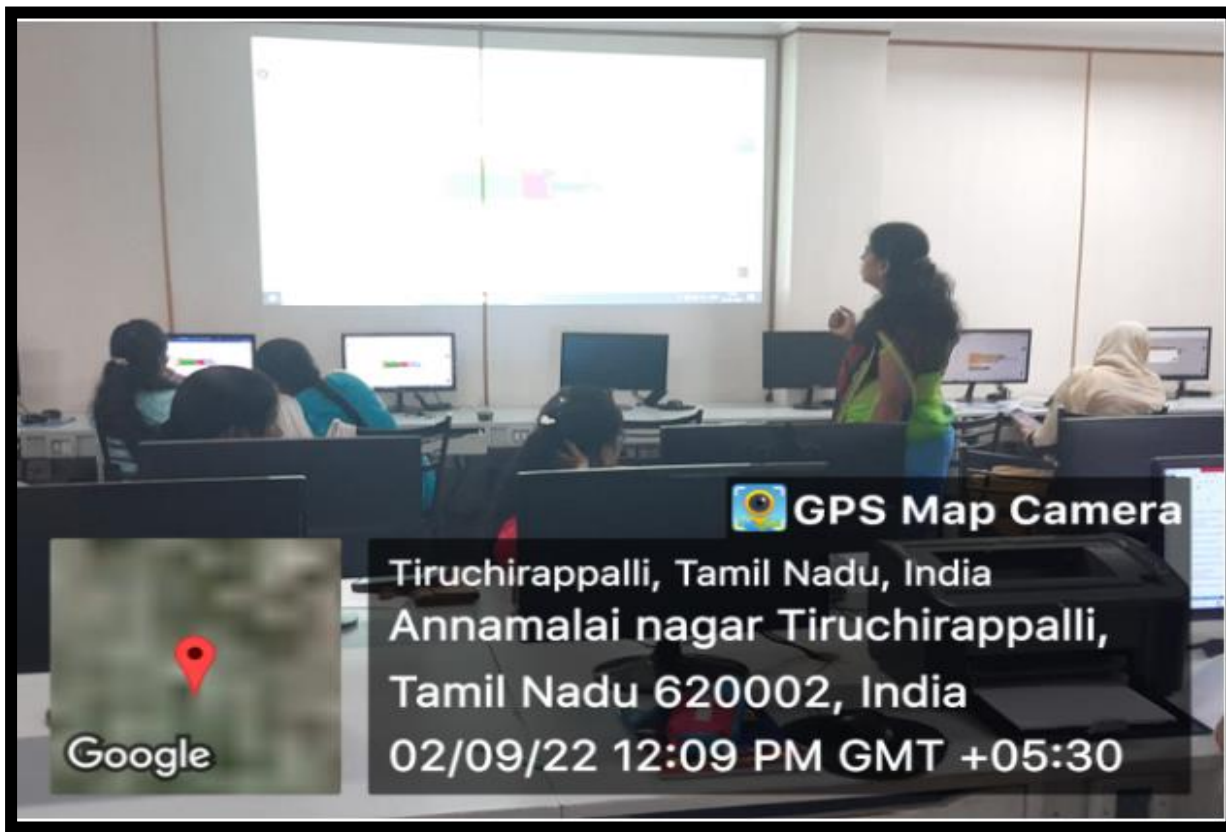




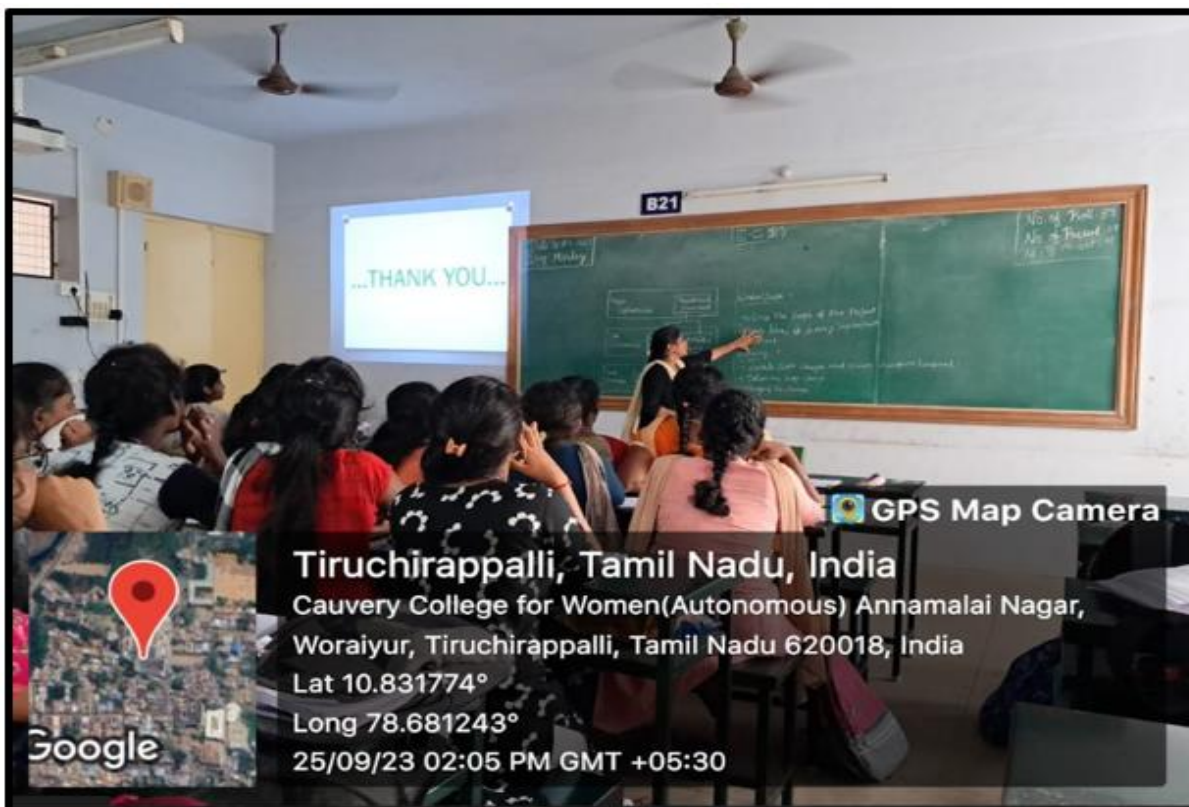
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SIMULATION MODELS IN PYTHON



DEPARTMENT OF INFORMATION TECHNOLOGY – DISCOURSE ON ARRAYS





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FLIPPED CLASSROOM ACTIVITIES

DEPARTMENT OF ENGLISH -DISCOURSE ON DEVELOPING LANGUAGE



DEPARTMENT OF ENGLISH - GROUP DISCUSSION ON CURRENT AFFAIRS





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DEPARTMENT OF MATHEMATICS –SOLVING HEAT EQUATION



SOLVING PROBLEMS IN OPERATIONS RESEARCH

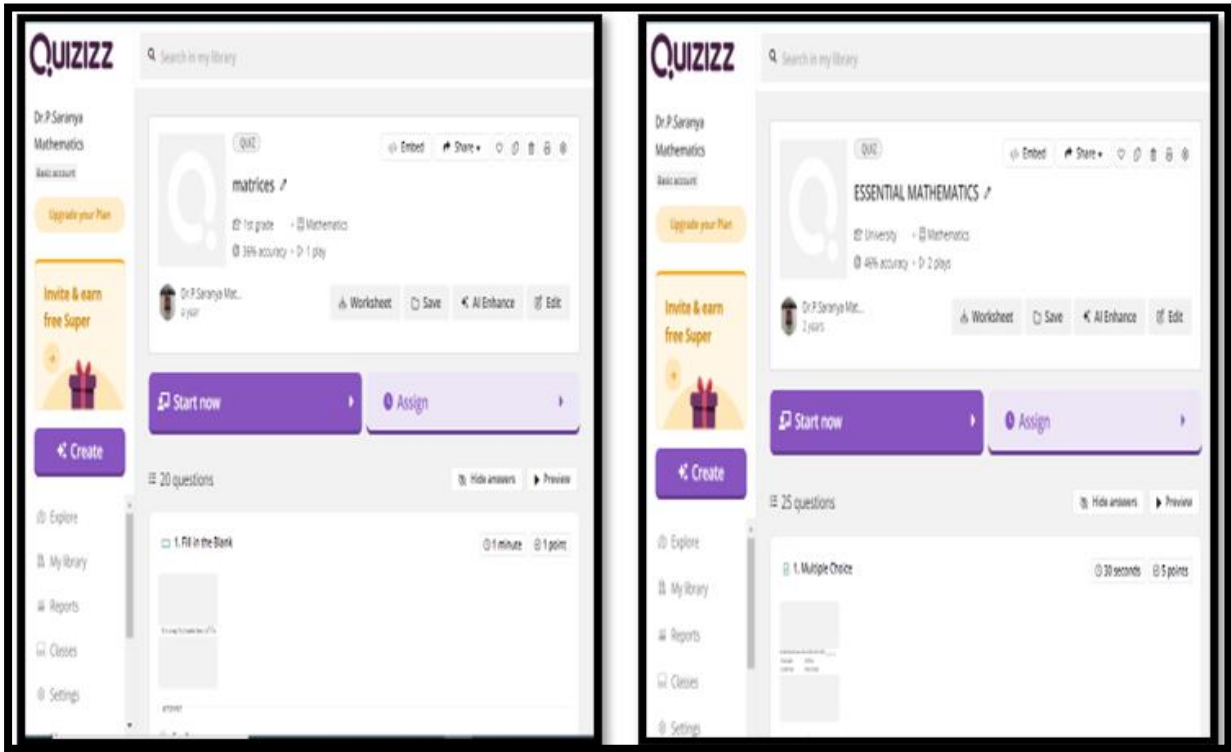




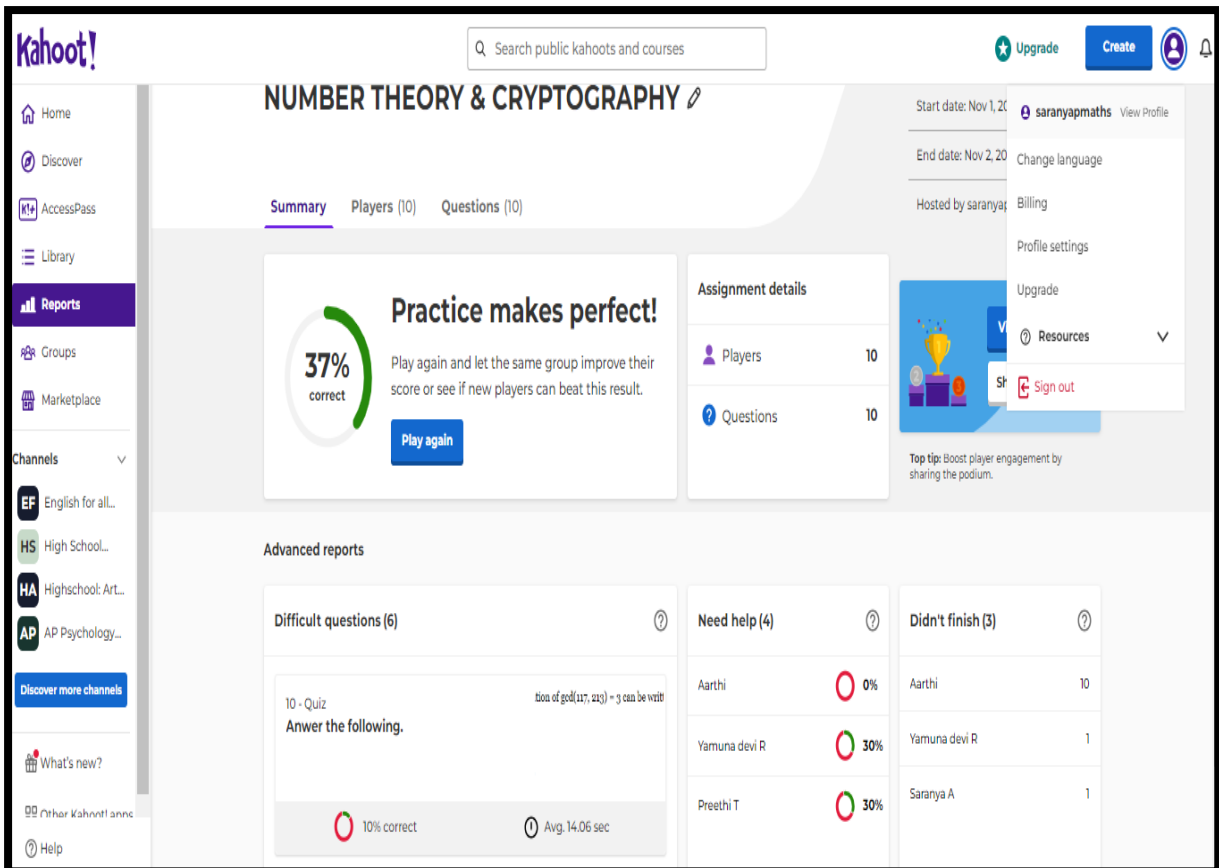
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QUIZ ON MATRICES AND ESSENTIAL MATHEMATICS



QUIZ ON NUMBER THEORY AND CRYPTOGRAPHY





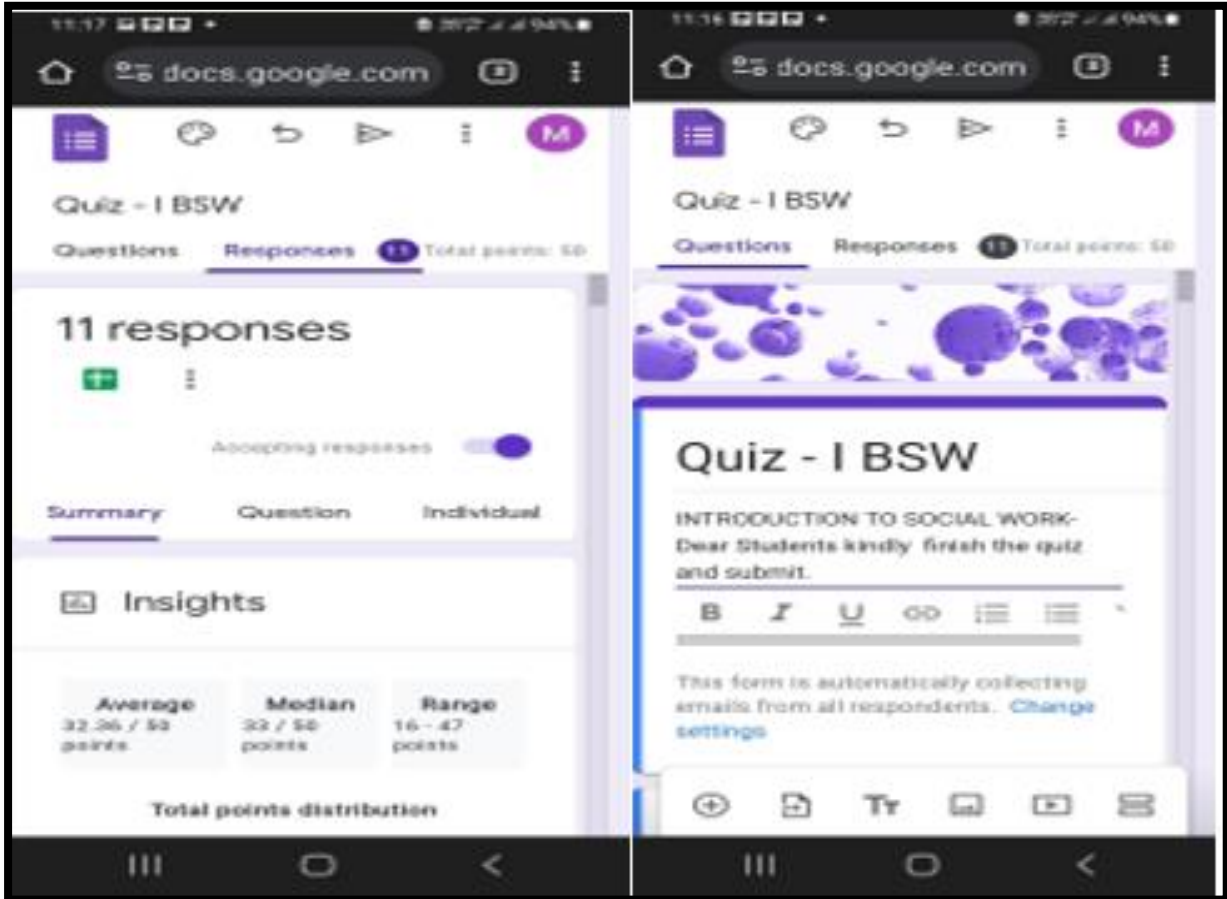
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FLIPPED CLASSROOM ACTIVITIES

DEPARTMENT OF SOCIAL WORK – DISCUSSING THE FACTORS INDUCING PSYCHOLOGICAL PROBLEMS



ONLINE QUIZ ON INTRODUCTION TO SOCIAL WORK





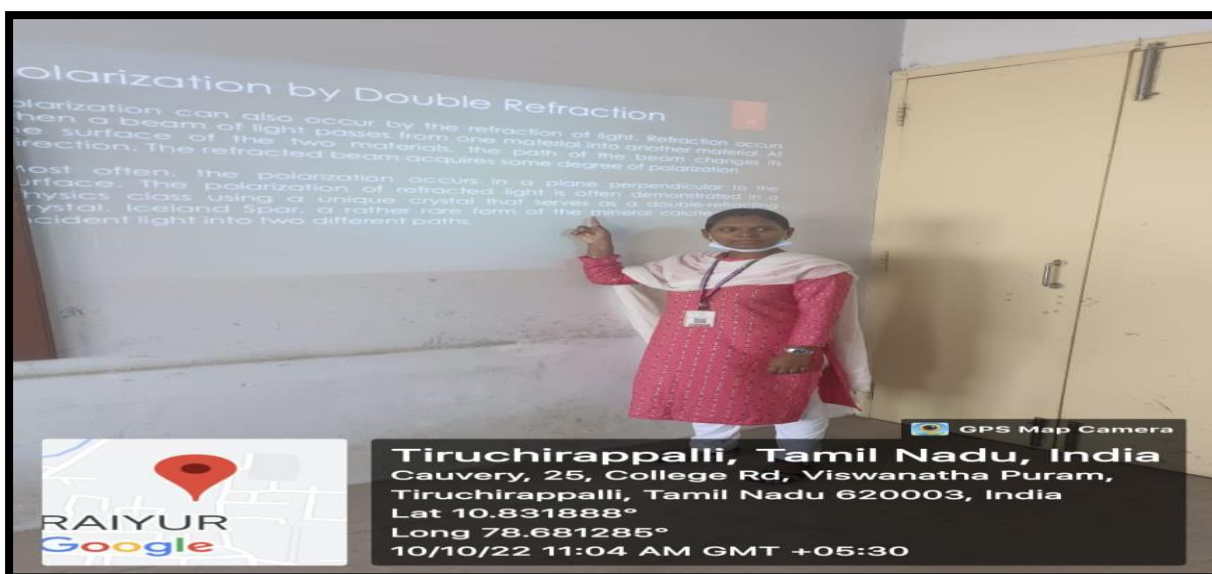
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FLIPPED CLASSROOM ACTIVITIES

PHYSICS:DISCUSSION ON TYPES OF CRYSTAL SYSTEM



DOUBLE REFRACTION – AN OVERVIEW



Flipped classroom activities in participative learning environments promote active engagement, personalized learning, higher-order thinking skills, collaborative learning, immediate feedback, increased interaction, flexibility, student responsibility, enhanced retention and transfer, and preparation for lifelong learning. They create a student-centric learning environment that empowers students to take ownership of their learning and achieve meaningful learning outcomes.