Department of Mathematics
Seminar Activity under Experiential Learning Report 2025-26

As per syllabus of Shivaji University Kolhapur our department conducted seminar activity for the B.Sc. Part III students on 13th October 2025. The activity encouraged students to study their assigned topics in detail and present them before their classmates and faculty members. The following students are represent their assigned topic.

During the seminar, several students presented topics related to their syllabus and recent developments in their respective subjects. Each student explained the key concepts, methods, and applications of their topic using charts, presentations, and examples. The presentations were followed by a short question–answer session, where other students actively participated by asking questions and sharing their views.

Synopsis of Seminar-

Name of the students	Topic/point choose for Seminar	Explanation
Ms. Jadhav Shraddha Shahaji	Groups	From this topic she explains the definition of group, Abelian group, and Cyclic group. Also given that some examples of permutation, even permutation and odd permutation.
Mr. Mane Prathmesh Rajaram	Sequence and Series of real numbers	She explains the methods of convergent sequence, divergent sequence and some rule how to show series convergent and divergent.
Mr. Patil Durgesh Ramesh	Linear homogeneous partial differential equation	From this topic he explains the how to find complimentary function and given some examples on this point.
Mr. Shikhare Tushar Sudhakar	Real Analysis	She defines the limit superior and limit inferior. Also, he explains summability of a sequence and Cauchy sequence.

Beneficiaries: 09

Outcomes:

- Enhanced students' understanding of academic subjects.

- Helped students develop confidence in public speaking.

- Improved presentation and communication skills.

- Encouraged active participation and knowledge sharing.

Tushar Shikhare Giving Seminar on Real Analysis

Shraddha Jadhav Giving Seminar on Groups