

**Rayat Shikshan Sanstha's  
Yashwantrao Chavan Institute of Science, Satara  
(Autonomous)**

**One Day Online Faculty Training on  
“Teaching Pedagogies for Effective Delivery of Mathematical  
Sciences Curriculum”**

**Thursday, 17th February 2022 @ 12:30 pm**

**Jointly Organized by**

**Department of Mathematics  
&  
Department of Statistics**

**Coordinator: Dr. R. B. More, Assistant Professor, (Department of Zoology)**

**Organizer: Miss. Tambe B.R. , Assistant Professor (Department of Mathematics).**

**Platform: Zoom**

## **REPORT:**

The workshop on “Teaching Pedagogies for Effective Delivery of Mathematical Sciences Curriculum” was jointly organized on 17th February 2022 by Department of Mathematics and Department of Statistics , Yashavantrao Chavan Institute of Science, Satara (Autonomous), Satara.

Total **21** participants from department of mathematics and department of statistics registered for the faculty training programme. The main objective and focus of the workshop was to impart the knowledge of Teaching Pedagogies for Effective Delivery of Mathematical Sciences Curriculum.

The workshop was divided in three sessions which covered the topics:

**17<sup>th</sup> February 2022**

Session 1:

**Topic: What is an Effective Pedagogy.**

**Time:01.00-02.00 pm**

Resource Person: Ms. Shanti Pise  
Teacher, Educator and Outreach Enthusiast, IISER Pune.

Session 2:

**Topic: Teaching Pedagogies for effective delivery of Mathematical Science Curriculum.**

**Time:2.00- 3.00 pm**

**Resource Person:** Prof. Dr. P.G. Dixit  
Professor & Head Department of Statistics,  
P.E. Society's Modern College pune

Session 3:

**Topic: Teaching Learning under outcome based Curriculum.**

**Time:12.30-1.20 pm**

**Resource Person:** Dr. S.N. Yadav, Assistant Professor,  
Department of Mathematics, RIT Islampur.

Mr.S.S.Nalavade, Head department of Mathematics welcomed all the resource persons, Ms. Shanti Pise, Teacher, Educator and Outreach Enthusiast, IISER Pune. Prof. Dr.P.G.Dixit Professor & Head Department of Statistics, P.E. Society's Modern College Pune. Dr. S.N. Yadav, Assistant Professor, Department of Mathematics, RIT Islampur. He welcomed Dr. B.T.Jadhav, Principal and Vice Principal Dr.V.Y.Deshpande, Yashavantrao Chavan Institute of Science, Satara (Autonomous). Finally Mr.S.S.Nalavade welcomed all the participants for the Faculty training programme and briefed about the importance of Teaching Pedagogies for Effective Delivery of Mathematical Sciences Curriculum.

First session on, What is an effective pedagogy was delivered by Miss. Shanti Pise, Teacher, Educator and Outreach Enthusiast, IISER Pune. She informed about Teaching pedagogy for effective delivery of mathematical sciences, she did a lot of activities in her session. She further said that students would develop a love of mathematics if they were taught how create mathematics by taking different activities instead of just learning mathematics without simply explaining formulas and rules. She further discussed about  $M^3$  i.e. Making Mathematics Meaningful and giving many more examples of real life application of mathematics. The lecture was very beneficial & we enjoy it a lot.

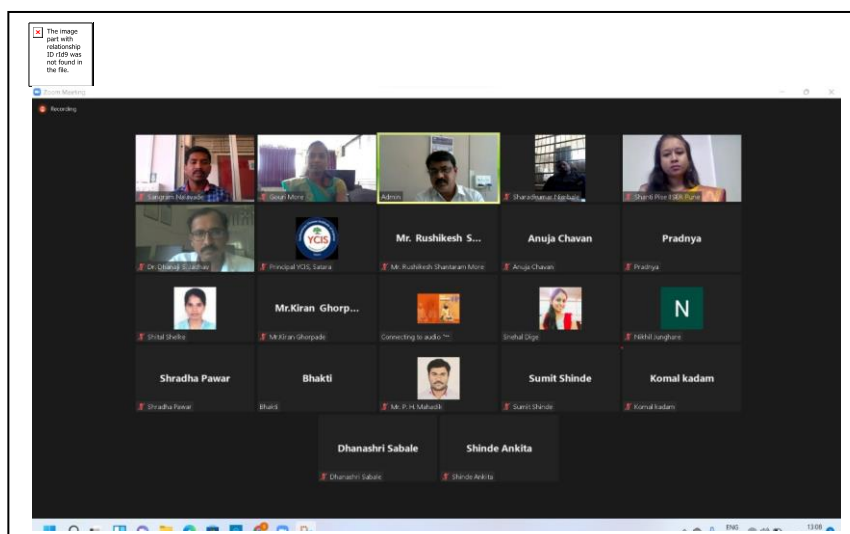
Second session on Teaching pedagogies for effective delivery of mathematical science curriculum was delivered by Prof. Dr.P.G. Dixit Professor & Head Department of Statistics, P.E. Society's Modern College Pune. In his session he briefed about importance of Teaching pedagogies for effective delivery of mathematical science curriculum. He further explained how teaching pedagogies play an important role in understanding of mathematics and statistics. Also sir, shared her experience with us.

Third session was delivered by Dr. S.N. Yadav, Assistant Professor, Department of Mathematics, RIT Islampur.. In this session he discussed about Outcome based education. also he explained National Board of accreditation Programme based outcome and course outcomes, important steps of course outcomes,design like action,knowledge,condition criterion. Also he added choose appropriate, challenging but achievable specific course outcome. The session was very informative for all the participants.

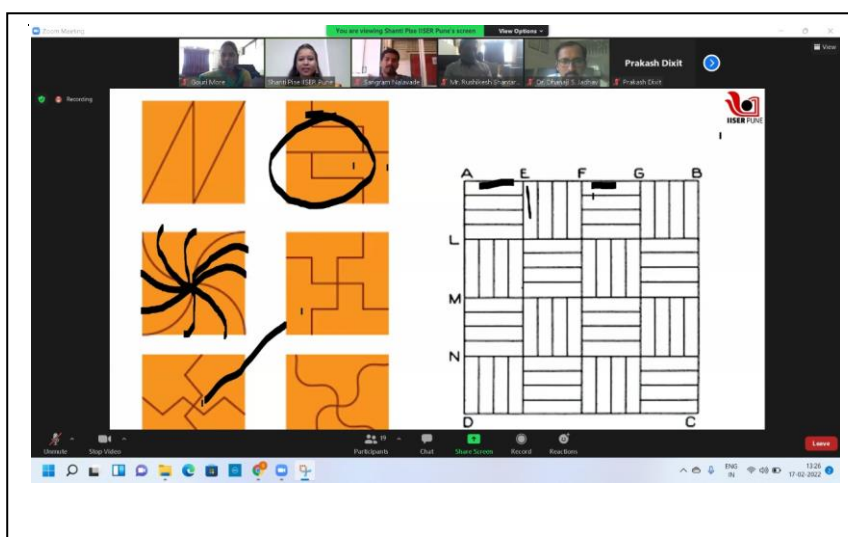
At the end of each Sessions, queries of participants regarding various aspects of the topics were addressed by the Resource Persons.

Concluding Remarks and Vote of thanks was delivered by Mr.S.S.Nalavade, Head, Department of Mathematics. YCIS,Satara(Autonomous).

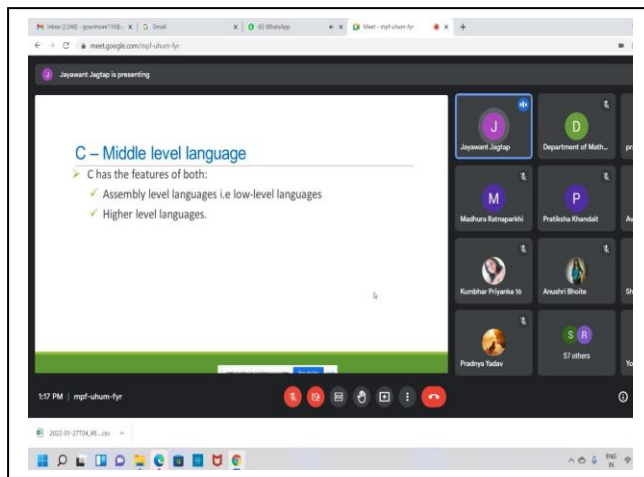
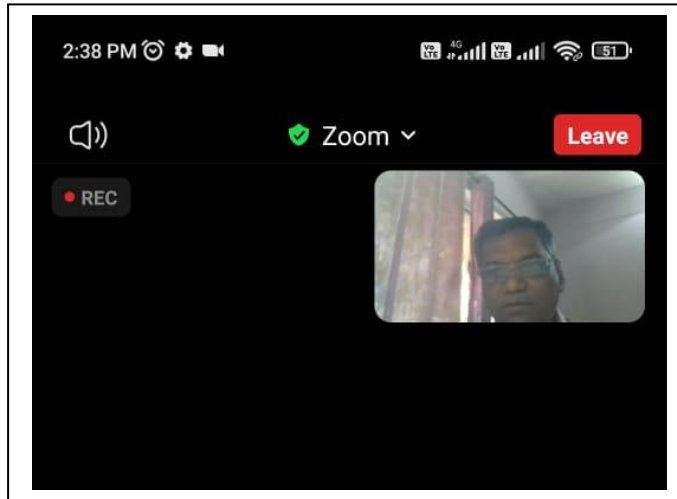
Photo Gallery:



Mr.S.S.Nalavade (Head Department of Mathematics): addressing participants



Miss. Shanti Pise: Interaction with participants



Prof. Dr. P.G. Dixit: Interaction with participants