

IISER, Pune Conceptualized and MSFDA Supported

Maharashtra State Development of Educators and Enhancement in Delivery (MS-DEED) Program

MS-DEED Level 1 In Person Workshop on

Introduction to Innovative Pedagogies for Teachers of Undergraduate Science and Mathematics

19th to 21st January 2023

Organized by

Shri Shivaji Science College, Amravati in collaboration with Sant Gadge Baba Amravati University, Amravati

SCHEDULE

Day 1, 19th Jan. 2023 **Venue: Sir C V Raman Auditorium, Shri Shivaji Science College, Amravati**

Theme: Introduction, Goals for the Workshop, Fundamentals of the Innovative-Effective Teaching Approach and Assessments as a Learning Tool

Time	Activity	Format /Mode	Trainer
9:00	Registration/Reporting		
9:15	<i>Inaugural Session</i> Remarks by Organizers	Plenary	
10:00	आप, मै, और हम	Plenary	All Trainers
10:30	<i>Effective Pedagogy: Inquiry-based Learning and Teaching Scientifically</i> <i>Inquiry-based pedagogical methods to foster the skills and attitudes we expect in our students, NEP 2020 alignment</i>	Plenary/ Activity	Asim Auti
11:30	Tea break		
11:45	<i>Intended Learning Outcomes</i> <i>Learning outcomes, assessments, significance, teaching</i> Manawa Diwekar roadmap Presentation	Plenary/	
1:00	Lunch Interactions		
2:00	<i>Assessments I: Purpose</i> <i>Assessment as part of teaching & learning, formative and summative assessment</i>	Presentation/ Plenary	Asim Auti
3:30	<i>Participant activity and output</i> <i>Concept mapping, alignment with your curriculum</i>	Group activity	Manawa Diwekar
4:30	Tea Break		
4:45	<i>Review of Day 1, Reflections</i>	Plenary_	All Trainers

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Day 2, 18th Jan. 2023 **Venue:** Sir C V Raman Auditorium, Shri Shivaji Science College, Amravati

Theme: Subject-specific Pedagogies-Labs, Approach and Research as a Learning Tool

Time	Activity	Format/ Mode	Trainer
9:30	<i>Review of Day 1 (Discussion on the assignment)</i>	Plenary	Asim Auti
10:00	<i>Learnings from Exemplars- Classrooms and Labs I Inquiry-based Classroom and Laboratory Practices, Blended teaching, taking participants inputs</i>	Breakout Sessions & Group Activity	Math: Aaloka Kanhare, Dr. Rupali Wanjari Chemistry: Mallika Pathak, Sugandha Negi, Ms. Babita Yadao Physics: Jasmine Duggal, Dr Arti Golhar Life Sciences: Manawa Diwekar, Dr. Megha Bhambri
11:30	<i>Tea break</i>		
11:45	<i>Learnings from Exemplars- Classrooms and Labs II Inquiry-based Classroom and Laboratory Practices, Blended teaching, taking participants inputs</i>	Breakout Sessions & Group Activity	
1:00	<i>Lunch Interactions</i>		
2:00	<i>Designing Our Exemplars- Classrooms and Labs Making Inquiry-based Classroom and Laboratory lessons & activities alignment with your curriculum</i>	Plenary /Group Activity	
3:30	<i>Assessments II: Strategies Types of formative assessments, Designing your own innovative formative and summative assessments</i>	Plenary /Group Activity	Asim Auti Manawa Diwekar
4:30	<i>Tea break</i>		
4:45	<i>Discussion Review of Day 2, feedback, next steps</i>	Plenary All Trainers	

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Day 3, 21st Jan. 2023 Venue: Sir C V Raman Auditorium, Shri Shivaji Science College, Amravati

Theme: Plan Strategies and Actions for Implementation in the Classroom, Workshop Review-Discussion

Time	Activity	Format/ Mode	Trainer
9:30	<i>Review of Day 2 (Discussion on the activities and assignments)</i>	Plenary	Asim Auti
9:45	<i>Participant Activities Sharing our own ideas and lessons</i>	Plenary	All Trainers
10:15	<i>Tea break</i>		
10:30	<i>Participant Activities Sharing our own ideas and lessons</i>	Plenary/ Group Activity	All Trainers
11:15	<i>Implementation at Colleges/University And Setting SMART Targets (Action planning) Assess the goals set from the workshop. Prepare action plan for adopting at your college/university.</i>	Plenary	Mallika Pathak Asim Auti
12:30	<i>Discussion Review of workshop, feedback, next steps</i>	Plenary All Trainers	
1:00	<i>Valedictory Session: Closing remarks</i>		