

**Government of Maharashtra's
Ismail Yusuf College of Arts, Science and Commerce, Mumbai 400060
Department of Chemistry
Notice**

Demonstration of Olympus Advanced 3D DSX1000 Microscope and Crystal Structure Study

We are pleased to announce a special demonstration program organized by the Department of Chemistry in collaboration with Ir Technology Service Pvt. Ltd., MIDC, Mahape, New Mumbai. This program is designed for M.Sc. students to familiarize them with advanced instruments used for crystal study, specifically surface study.

Details of the Demonstration Program:


- **Date:** 26th February 2021
- **Time:** 2:00 PM - 4:30 PM
- **Mode:** Online (due to COVID-19 precautions)
- **Demonstrator:** Shri Ganesh Singh, Ir Technology Pvt. Ltd.

Objective:

The objective of this demonstration is to introduce students to the Olympus Advanced 3D DSX1000 Microscope and its applications in crystal structure study. This session will enhance students' understanding of advanced techniques in surface analysis.

Program Highlights:

- Overview of the Olympus Advanced 3D DSX1000 Microscope
- Demonstration of crystal structure study techniques
- Q&A session to address student queries


Head of Department
CHEMISTRY

Department of Chemistry,

**Government of Maharashtra's
Ismail Yusuf College of Arts, Science and Commerce, Mumbai 400060
Department of Chemistry**

Report on Demonstration of Olympus Advanced 3D DSX1000 Microscope and Crystal Structure Study

Reference: Online demonstration program for PG students 2020-21.

Organizer: Department of Chemistry, Ismail Yusuf College, Mumbai in collaboration with Ir Technology Service Pvt. Ltd. MIDC, Mahape, New Mumbai.

Subject: Crystal study by Microscope.

Department of Chemistry, Ismail Yusuf College, Mumbai in collaboration of Ir Technology Service Pvt. Ltd. MIDC, Mahape, New Mumbai organize demonstration program for M.Sc. students on 26.02.2021 at 2.00 pm. The aim of this demonstration program is that students should get familiar with advance instruments of crystal study (basically surface study). Due to COVID-19, department does not arrange hands-on training.

Date and Time: 26.02.2021 at 2.00 – 4.30 pm

Demonstrator: Shri Ganesh Singh, Ir Technology Pvt. Ltd.

number of students participate: 19

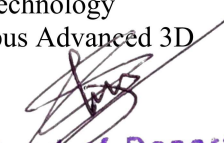
1	Prof B thorat	8	Swapnil Mane	15	Pratiksha borse
2	Saloni	9	Heena Qureshi	16	Umar Farooq khan
3	Janvi Mistry	10	shweta bavkar	17	Ekta Mistry
4	Shital More	11	Sarvagya	18	Nikhil shukla
5	Poonam Pal	12	Rohan narkar	19	Pawan dhurandhar
6	Dinesh	13	Riddhi kasar	20	Parvez beig
7	Ashwini singh	14	Bapu Thorat		

Outcome

Report on Demonstration of Olympus Advanced 3D DSX1000 Microscope and Crystal Structure Study

Date: 26th February 2021

The Department of Chemistry, Ismail Yusuf College, Mumbai, in collaboration with Ir Technology Service Pvt. Ltd., successfully organized an online demonstration program on the Olympus Advanced 3D DSX1000 Microscope and crystal structure study on 26th February 2021.


**Head of Department
CHEMISTRY**

**Government of Maharashtra's
Ismail Yusuf College of Arts, Science and Commerce, Mumbai 400060
Department of Chemistry**

Highlights of the Program:

- **Expert Demonstration:** Shri Ganesh Singh from Ir Technology Pvt. Ltd. provided a comprehensive demonstration of the Olympus Advanced 3D DSX1000 Microscope. He explained the various components, working principles, and applications of the microscope in crystal structure study.
- **Surface Study Techniques:** The demonstration included a detailed analysis of crystal structures and surface study techniques, helping students understand the practical applications of the microscope.
- **Interactive Q&A Session:** Participants engaged in a lively Q&A session, where Shri Ganesh Singh addressed their queries and provided further insights into advanced crystal study techniques.

Participants:

The program saw active participation from M.Sc. Chemistry students and staff of the department. Due to COVID-19 precautions, hands-on training was not arranged, but the online demonstration effectively conveyed the necessary knowledge and skills.

Feedback:


- Participants appreciated the detailed explanation and practical demonstration.
- The session was informative and enhanced their understanding of advanced instruments in crystal study.

Future Recommendations:

- Organize more online demonstrations and workshops on advanced analytical techniques.
- Plan hands-on training sessions once the COVID-19 situation improves.

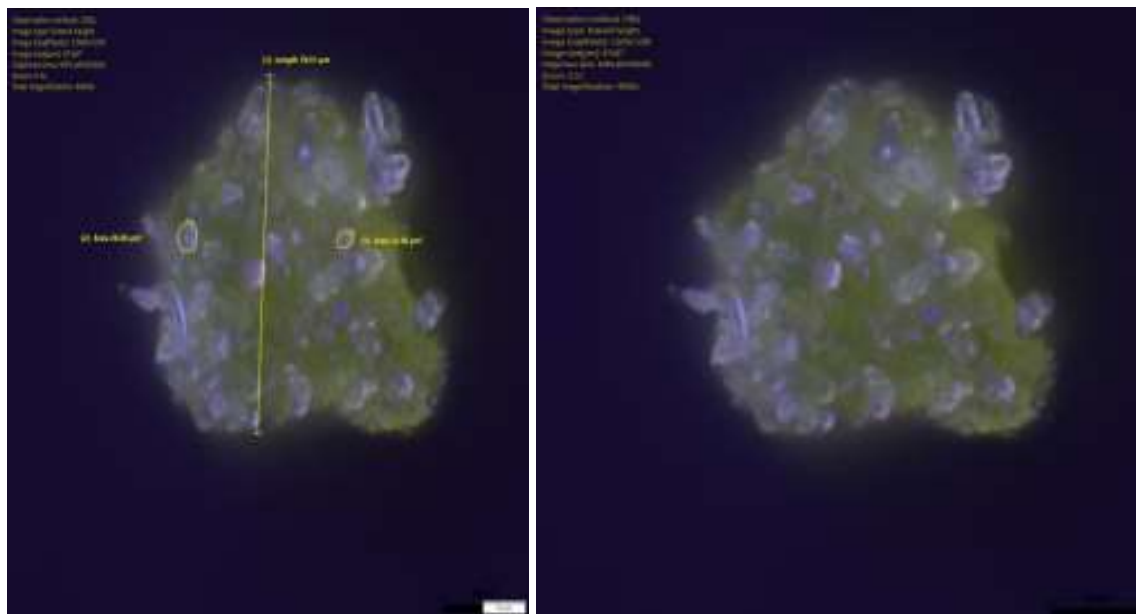
Image glimpse of webinar:





**Head of Department
CHEMISTRY**

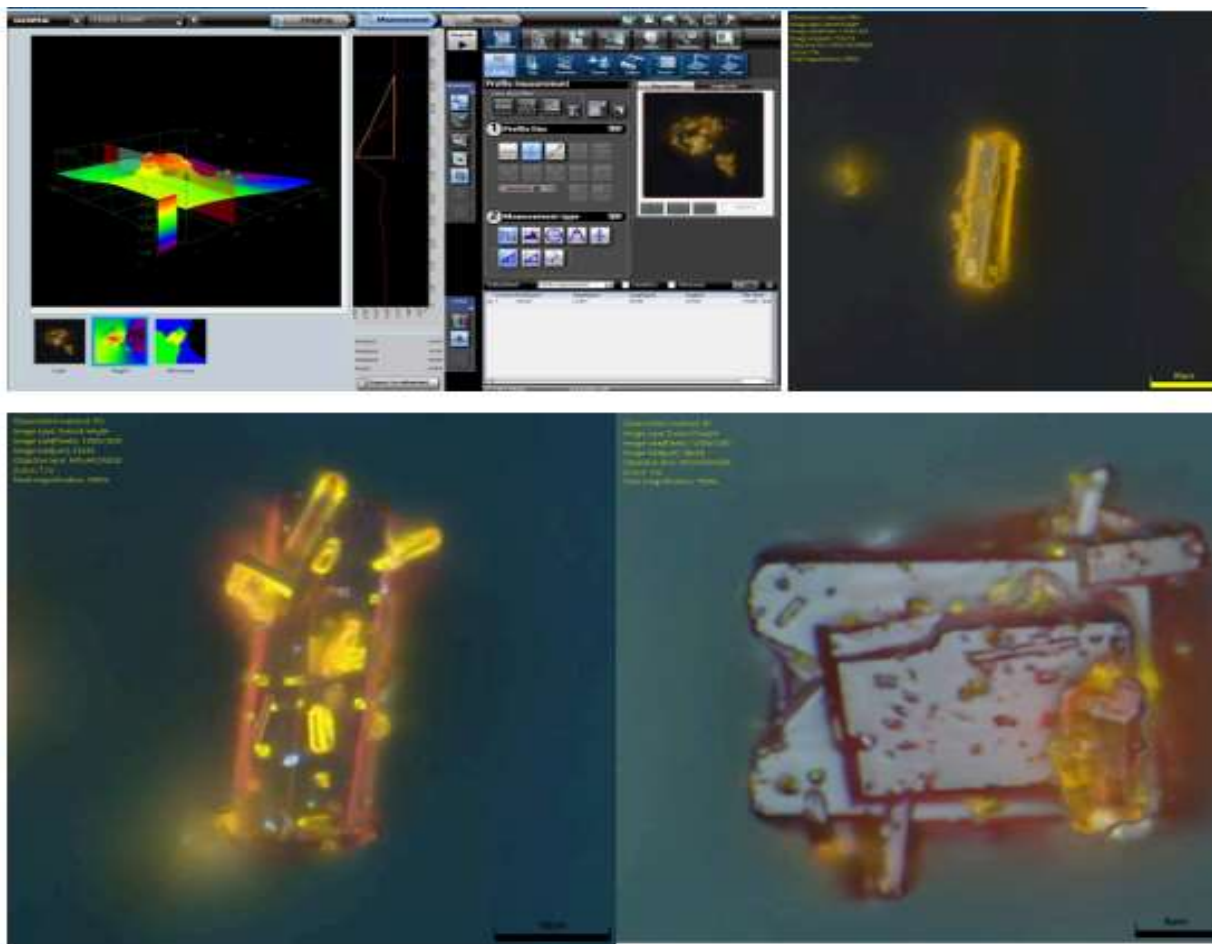
**Government of Maharashtra's
Ismail Yusuf College of Arts, Science and Commerce, Mumbai 400060
Department of Chemistry**


Link of Demonstration: https://teams.microsoft.com/l/meetup-join/19%3ameeting_N2NiODgxZmItN2FkOS00ZmE1LWlwZTk0MTI0ODQ3NjEzZjRk%40thread.v2/0?context=%7b%22Tid%22%3a%225300e90d-d67d-4888-a887-4c097aa7b2f7%22%2c%22Oid%22%3a%22ca74c059-96e1-4b47-872c-2bd7389644ba%22%7d




**Head of Department
CHEMISTRY**

Government of Maharashtra's
Ismail Yusuf College of Arts, Science and Commerce, Mumbai 400060
Department of Chemistry




Head of Department
CHEMISTRY

**Government of Maharashtra's
Ismail Yusuf College of Arts, Science and Commerce, Mumbai 400060
Department of Chemistry
Feedback of the Students**

Your feedback is critical for organizers to ensure we are meeting your educational needs. We would appreciate if you could take a few minutes to share your opinions with us so we can serve you better.

Please return this form to the instructor or organizer at the end of the workshop. Thank you.

Title of Talk: Special Demonstration of Olympus Advanced 3D DSX1000 Microscope and Crystal Structure Study

Date: 26.02.2021

Summary of the Feedback of the students

- | | |
|-----------------------------------------------------------------------------------------------------------|---------------|
| 1. The content talk | – Very good |
| 2. Motivational approach | – Good |
| 3. Career opportunity need and guidance | – Well guided |
| 4. I will recommend this workshop to other conservators | – Yes |
| 5. The program was well paced within the allotted time | – Yes |
| 6. The resource persons were a good communicator | – Yes |
| 7. The resource persons were knowledgeable on the topic | – Very Well |
| 8. I would be interested in attending a follow-up, more advanced workshop/conference on this same subject | - Yes |
| 9. Given the topic, was this talk | - Too short |
| 10. In your opinion, was this workshop | - Good |
| 11. Please rate the following | - Good |

Future Needs


12. Please describe the top two topics you would like to learn more about in the next 12 months:

Preferred level: - Advanced

Preferred format: ☐ a. Seminar/workshop (1-2 days)
☐ c. Interactive distance learning (i.e., instrument)

Thank you!

Please return this form to the instructor or coordinator at the end of the workshop.


**Head of Department
CHEMISTRY**