

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

We are delighted to announce a workshop organized by the Department of Chemistry on **Differential Scanning Calorimeter (DSC)**. This workshop aims to provide a comprehensive understanding of DSC, its components, working principles, and practical applications.

Details of the Workshop:

- Date: 21st October 2022
- Time: 10.00 am
- Venue: Instrumental Room.

Workshop Highlights:

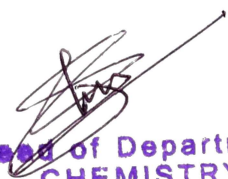
- Expert Speaker: **Mr. Vivek Vijay** Uplekar from Rigaku
- Topics Covered:
  - Overview of the Differential Scanning Calorimeter (DSC)
  - Working principles and mechanisms of DSC
  - Careful handling and operation of DSC software
  - Practical analysis of standard samples

Hands-On Training:

M.Sc. Chemistry and Zoology students, along with the staff of the Chemistry department, will have the opportunity to participate in hands-on training sessions with the DSC instruments.

About the Speaker:

Mr. Vivek Vijay Uplekar is a renowned expert from Rigaku with extensive knowledge and experience in the field of thermal analysis.

  
**Head of Department  
CHEMISTRY**

**HOD,  
Department of Chemistry.**

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**Introduction:**

On 21<sup>st</sup> October 2022 Department of Chemistry arranged a Workshop on Differential Scanning Calorimeter (DSC). In which Expert from Rigaku Mr. Vivek Vijay Uplekar explained various parts of the DSC, Working and Principle of the TG DTA, Careful handling of software. He also shows the analysis of some standard samples. Then M.Sc. Chemistry and Zoology students and staff of the chemistry department took Hands-on training of the instruments.



**Workshop Outcome Report**


Workshop on Differential Scanning Calorimeter (DSC)

**Date:** 21st October 2022

The Department of Chemistry successfully organized a workshop on **Differential Scanning Calorimeter (DSC)** on 21st October 2022.

**Highlights of the Workshop:**

- **Expert Session:** Mr. Vivek Vijay Uplekar from Rigaku provided an in-depth explanation of the various parts, working, and principles of the DSC. He also emphasized the careful handling of the DSC software.

  
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- **Sample Analysis:** Mr. Uplekar demonstrated the analysis of standard samples, showcasing the practical applications of DSC.
- **Hands-On Training:** M.Sc. Chemistry and Zoology students, along with the staff of the Chemistry department, participated in hands-on training sessions, gaining practical experience with the DSC instruments.

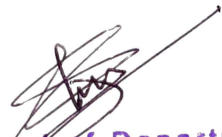


**Participant Feedback:**

- Participants appreciated the detailed explanation and practical demonstrations by Mr. Uplekar.
- The hands-on training was highly valued, providing participants with direct experience and enhancing their understanding of the instruments.


**Future Recommendations:**

- Organize more workshops to cover other advanced analytical techniques.
- Include more interactive sessions and Q&A opportunities to engage participants further.

  
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**Department of Chemistry**  
**Workshop on Differential Scanning Calorimeter (DSC)      Date: 21/10/2022**

Government of Maharashtra's Ismail Yusuf College of Art's, Science and Commerce Jogeshwari (E), Mumbai-60		
Attendance		
Sr. No.	Name of Student	Signature
01	Nishant Deopraakash Mishra	Nishant
02	Vaishnavi Shashikant Kumbhar	Vaishnavi
03	Jahangir Mansuri	Jahangir
04	Kunal Eknath Neman	Kunal
05	Khan Iqra Azizullah	Iqra
06	Shaikh Arbaaz Siraj	Arbaaz
07	Shrasti Singh	Shrasti
08	Mansoori Safabanu Chandfarooq.	Safabanu
09	Ankita Sadashiv Narkar	Ankita
10	Abubakar Shaikh	Abubakar
11	Khan Mehjabeen	Mehjabeen
12	Sudhir Bhanudas Pandhare	Sudhir
13	Diksha Dilip Mahadeshwar	Diksha
14	Shaikh Tubba Ansar	Tubba
15	Shaikh Mohammed Ammar Ilyas	Mohammed
16	Zainab Alfiya Imtiaz Shaikh	Zainab
17	Amar Shripati Vhadade	Amar
18	Shaikh Misba Sakhavat	Misba
19	Tabassum Ejaz Khan	Tabassum
20	Khan Zainab Parvin Noorul-Haque	Zainab
21	Khan Khushnuma Abdul Moid	Khushnuma

  
**Head of Department**  
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**Workshop Feedback Form**

**Workshop on Differential Scanning Calorimeter (DSC)**  
Date: 21st October 2022

We value your feedback and would appreciate it if you could take a few minutes to share your thoughts about the workshop. Your input will help us improve future events.

**Participant Details:**

- Name: Shaikh Tubq
- Department: Chemistry
- Year of Study/Position: MSc-I

**Feedback:**

**1. Overall Experience:**

- ☒ Excellent
- ☐ Good
- ☐ Average
- ☐ Poor

**2. Quality of Content:**

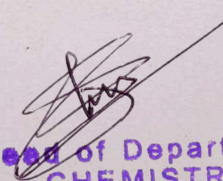
- ☐ Excellent
- ☒ Good
- ☐ Average
- ☐ Poor

**3. Speaker's Expertise:**

- ☐ Excellent
- ☒ Good
- ☐ Average
- ☐ Poor

**4. Hands-On Training:**

- ☒ Very Useful
- ☐ Useful
- ☐ Somewhat Useful
- ☐ Not Useful

  
**Head of Department  
CHEMISTRY**