

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

**Workshop on Thermogravimetry (TGA) and Differential Thermal Analysis (DTA)**

We are excited to announce an upcoming workshop organized by the Department of Chemistry, focusing on **Thermogravimetry (TGA) and Differential Thermal Analysis (DTA)**. This workshop aims to provide a comprehensive understanding of these advanced analytical techniques.

**Details of the Workshop:**


- **Date:** 10<sup>th</sup> November 2022
- **Time:** 10.00 am
- **Venue:** Instrumental Room

**Workshop Highlights:**

- **Expert Speaker:** Dr. Pravin Tirmalli, Lab India
- **Topics Covered:**
  - Overview of TG DTA
  - Working principles and mechanisms
  - Practical demonstration with standard samples
- **Hands-On Training:**
  - Exclusive session for M.Sc. Chemistry students and staff

**About the Speaker:**

Dr. Pravin Tirmalli, a distinguished expert from Lab India, will lead the workshop. Dr. Tirmalli will share his extensive knowledge and practical insights into the field of TGA and DTA.

  
**Head of Department**  
**CHEMISTRY**  
**HOD,**


**Department of Chemistry**

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**Introduction:**

The Department of Chemistry arranged a Workshop on Thermogravimetry, Differential Thermal Analysis. In which Expert from Lab India Dr. Pravin Tirmalli explains various parts of the TG DTA, Working and Principle of the TG DTA. He also shows the analysis of some standard samples. Then our M.Sc. Chemistry students and staff took the Hands On training of the instruments.



  
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**Hand's On Training on TGDTA (Thermo Gravimetric Analysis)**

Department of Chemistry arranged on day Hands-on training on TGDTA (Thermo Gravimetric Analysis) on Tuesday 24<sup>th</sup> August 2021. In which Vivek sir from Regaku and Lab India gave the training to M.Sc. Part II student (Physical, Inorganic and Organic branch) and CHB staff of Chemistry Department. Training program were conducted by taking all precautions of COVID-19




**Workshop Outcome Report**

The Department of Chemistry successfully organized a workshop on **Thermogravimetry (TGA) and Differential Thermal Analysis (DTA)** on 10<sup>th</sup> November 2022.

**Highlights of the Workshop:**

- **Expert Session:** Dr. Pravin Tirmalli from Lab India provided an in-depth explanation of the various parts, working, and principles of the TG DTA.

  
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- **Sample Analysis:** Dr. Tirmalli demonstrated the analysis of standard samples, showcasing the practical applications of TGA and DTA.
- **Hands-On Training:** Our M.Sc. Chemistry students and staff participated in hands-on training sessions, gaining practical experience with the instruments.

**Participant Feedback:**

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

**Future Recommendations:**

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

  
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**Workshop on Thermogravimetry (TGA) and Differential Thermal Analysis (DTA)**

**Date: 10/11/2022**

SR.NO	Name of Participants	mob. NO.	Signature
1.	Dr. Jayshing B. Sawant		
2.	DR AMIT SARAF		
3.	Dr. Gandhi H. Dehury	9975084995	
4.	Dr. Shahina U. Khan		
5.	Mr. Nitin Shekhe	8369446165	
6.	Mr. Parnod Vishwakarma	9321449454	
7.	Tram Shaikh	7710842748	
8.	Tanvi Sapale	9987043779	
9.	Saba Shabnam Shaikh		
10.	Saima Khan	8828549779	
11.	Yojesh Tiwari		
12.	M. S. Kaulav		
13.	A. H. Bhaina		
14.	Obaidullah Shaikh		
15.	Dr. Dattatraya N. Bhargave		
16.	Saira Siddiqui		
17.	Ansari Ruqaiya Bano		
18.	SHATABDI SHASHIKANT SAWANT		
19.	Ansari Falak Naaz		
20.	Rishem K. Kervia		
21.	Shruti M. Chitkar		
22.	Dr. Ashwin I. Mehra		
23.	Dr. Anjali Alekar		
24.	Dr. Anil Chougale	9387881030	
25.	SAPANA S. PASI	9326395087	
26.	Kuratul-ain A. Shaikh	9082294731	
27.	Aaruba Mehra	7977076606	

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**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.**

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**Title of Talk: Workshop on Thermogravimetry (TGA) and Differential Thermal Analysis (DTA)** **Date: 10.11.2022**

**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**