

# Programme Report: 2022-2023

Time: 10:15am

Day: Sarurday

Date: 10/12/2022

1. Department : Department of Chemistry
2. HoD : Mrs. P. S. Kulkarni
3. Nature/ Type : One day Workshop on New Emerging Spectroscopic Techniques in Organic Chemistry
4. Chief Guest : Dr. Dr. K. K. Patil
5. Chairperson/President : Dr. R. K. Shanediwan
6. Beneficiaries/ Participants: 100
7. Brief Summary of the Programme:
8. Description about the Program:

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On the behalf of Shri Shahaji Chhatrapati Mahavidyalaya, Dasara Chowk, Kolhapur, one day Workshop entitled on "New Emerging Spectroscopic Techniques in Organic Chemistry" was organized under Department of Chemistry. For this workshop, the three resource persons namely as, Dr. K. K. Patil mam, Dr. P. B. Piste mam, Dr. S. D. Shirke mam have delivered a guest lecture on their respective topics. Students have participated in this program in huge amount. For this workshop,

Principal, Dr. R. K. Shanediwan was present as a president. About 100 students were participated in this workshop. The whole program was very fruitful.

#### 9) Detailed Report:

On the behalf of Shri. Shahaji Chhatrapati Mahavidyalaya, Dasara Chowk, Kolhapur, one day Workshop entitled on "New Emerging Spectroscopic Techniques in Organic Chemistry" was organized under Department of Chemistry. The total program was divided into three sessions. The program was commenced with the College Prayer session.

#### Inauguration of Workshop:

The inauguration of one day Workshop entitled on "New Emerging Spectroscopic Techniques in Organic Chemistry" was carried out with presence of Resource Person Hon. Dr. K. K. Patil, Prof. & Head Dept. of Chemistry, Rajaram College, Kolhapur & Dr. S. D. Shirke mam, Prof. & Head Dept. of Chemistry, Vivekanand College, Kolhapur in presence of Principal Dr. R.K. Shane-diwan Sir as a president, Registrar R. J. Bhosale & O.S. Shri. Manish Bhosal and NAAC Coordinator, Dr.N. S. Jadhav Sir. Inauguration of the program was done by watering the plant. Mrs. P. S. Kulkarni mam, Head Department of Chemistry has explained the theme of the workshop. Then, President, Principal Dr. R.K. Shane-diwan Sir has expressed his views about the workshop. Also, they have given theemphasize about the development of science stream. Then, Shri. S. J. Kamble Sir, Assistant Professor in Chemistry has given the vote of thanks for Inauguration.



**First Session:** - For the first session, **Dr. K. K. Patil**, Prof.& Head Dept. of Chemistry, Rajaram College, Kolhapur was present as a Resource person and Mrs. K. J. Kshirsagar mam, Head, Department of Chemistry, the New College, Kolhapur was present as a chairperson. The topic of her talk was "UV Spectroscopy". She has delivered a lecture on UV Spectroscopy. She has explained Terms used in UV Spectroscopy, types of transitions along-with Woodward fisher formula for dienes to all participants and she truly inspired and impressed by her excellent speech.

Then, Mrs. K. J. Kshirsagar mam, Head, Department of Chemistry, the New College, Kolhapur has taken the brief review of the lecture delivered by **Dr. K. K. Patil mam**. Then, Shri. S. J. Kamble Sir, Assistant Professor in Chemistry has given the vote of thanks for the first session.

**Second Session:** - In second session, **Dr. P. B. Piste mam**, Head. Department of Chemistry & Professor in Chemistry, R. C. Shahu College, Kadamwadi, Kolhapur, was present as a Resource person and Dr. D. V. Awale Sir, Assistant Professor in Chemistry, G. K. G. College, Kolhapur was present as a Chairperson. **Dr. P. B. Piste mam** has delivered an excellent speech on topic "IR Spectroscopy" she has explained range for IR spectroscopy, Hookes' law & factors affecting on IR absorption frequencies. Also, she gave detailed emphasize on Classification of stretching and bending frequencies of different kinds of functional group in animation.

Then, Dr. D. V. Awale Sir, Assistant Professor in Chemistry, G. K. G. College, Kolhapur has taken the brief review of the lecture delivered by Dr. P. B. Piste mam. Then, Shri. S. J. Kamble Sir, Assistant Professor in Chemistry has given the vote of thanks for the second session.

**Third Session:** - In third session, **Dr. S. D. Shirke mam**, Head. Department of Chemistry & Assistant Professor in Chemistry, Vivekanand College, Kolhapur

was present as a Resource person & Dr. A. A. Patravale Sir, Assistant Professor in Chemistry, College, Vivekanand Kolhapur was present as a Chairperson. Dr. S. D. Shirke mam has delivered an excellent lecture on topic "NMR Spectroscopy". She has explained Principle of NMR spectroscopy, precessional frequency, Conditions of NMR Absorption, Types of nuclei & Equivalent & non-equivalent protons under low & high resolution field, & applications of NMR Spectroscopy. Also, she gave detailed emphasize on factors affecting on chemical shift of NMR absorption.

After third session, Mrs. P.S. Kulkarni mam has taken the review of workshop. Then, in the in presence of all the resource persons, the certificate distribution program was organized. The whole program was very fruitful.

**10] Vote of Thanks : Miss. A. B. Patil mam**

**11] Feedback : Excellent**

  
Signature



\* Chemistry Workshop photo  
Title: - New Emerging spectroscopic techniques  
in org. chemistry.



Introductory speech of Mrs. P.S. Kulkarni  
mam.



Inauguration of one day workshop on  
New emerging spectroscopic techniques in  
org. chem.