





P.D.E.A'S

Waghire College of Arts Commerce and Science, Saswad Tal-Purandar, Dist-Pune Department of Chemistry

"One Day Online Workshop on UV-Visible Spectroscopy" Under

DBT Star College Scheme (2020-21)

10th March 2021

By

Guest speaker: 1) Prof. Ganesh B Nigade (Assistant Professor, S.G.R.S. College of Pharmacy, Saswad.)

"Learning gives Creativity, Creativity leads to thinking, Thinking provides knowledge, Knowledge makes us Great...It is with great pride and pleasure that, Waghire College of Arts, Commerce and Science, Saswad successfully conducted One Day online workshop on "UV-Visible Spectroscopy" Organised by Department of Chemistry under DBT Star College Scheme On 10th March 2021 at 11:00 am to 02:00 pm. For this one day online workshop Prof. Ganesh Nigade, Assistant Professor, S.G.R.S. College of Pharmacy, Saswad, is invited as a Resource Person and he delivered a very informative talk on "UV-Visible Spectroscopy".

The workshop is conducted in two sessions. The Session –I is conducted at 11:00 am to 12:00 noon. In the session –I, the following subtopics are covered:

- General Introduction to spectroscopy
- Electromagnetic Radiation and electromagnetic spectrum

- · General instrumentation
- Absorption and Emission Spectroscopy
- Introduction and Principle of UV-Visible Spectroscopy.
- · Details of Shifts in UV -Visible Spectroscopy
- Chromophore and Auxochrome with suitable examples.
- Different application of UV Visible Spectroscopy.

The Session -II is conducted at 1:00 Pm to 2:00 Pm. In the session -II, Practical Demonstration is explained in details that is how to use -

- UV-Visible spectroscopy,
- · How to calibrate?
- · How to prepare the sample?
- How to record the spectra?
- How to interpret the Spectra?
- How to find out the λ_{max} from given spectra.

In this online workshop on UV-visible spectroscopy near about about 100 students has joined. Lastly, the session is open for discussion students and teacher have asked their crucial questions and resource persons cleared their quires with satisfactory answer. This online workshop on UV-Visible Spectroscopy is very much useful for students and teachers to work on UV-Visible spectroscopy. The Prof. Gajendra Ahiwale introduced the Guest resource person and lastly vote of thanks is delivered by Dr. S.B. Rathod.

Dr. S.B. Rathod

Activity Co-ordinator

Dr.M.M. Jagtap

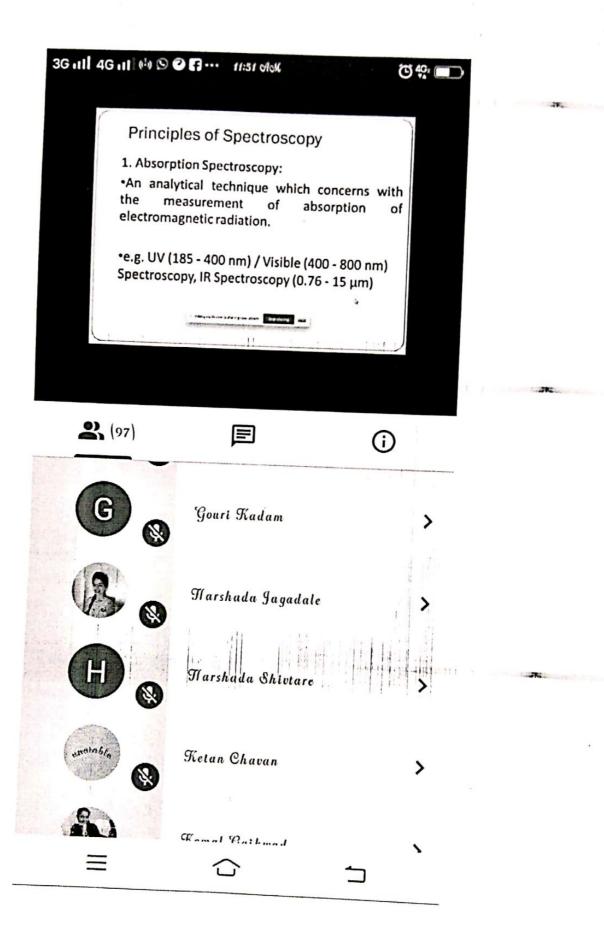
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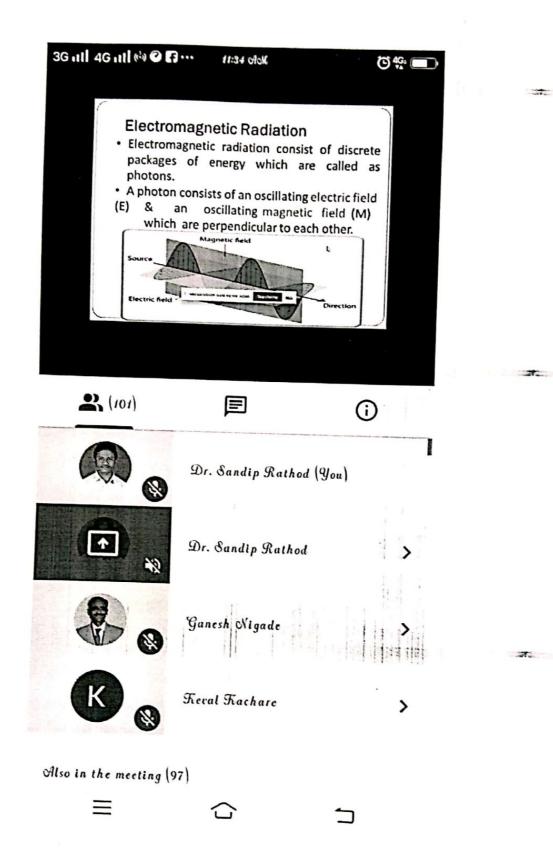
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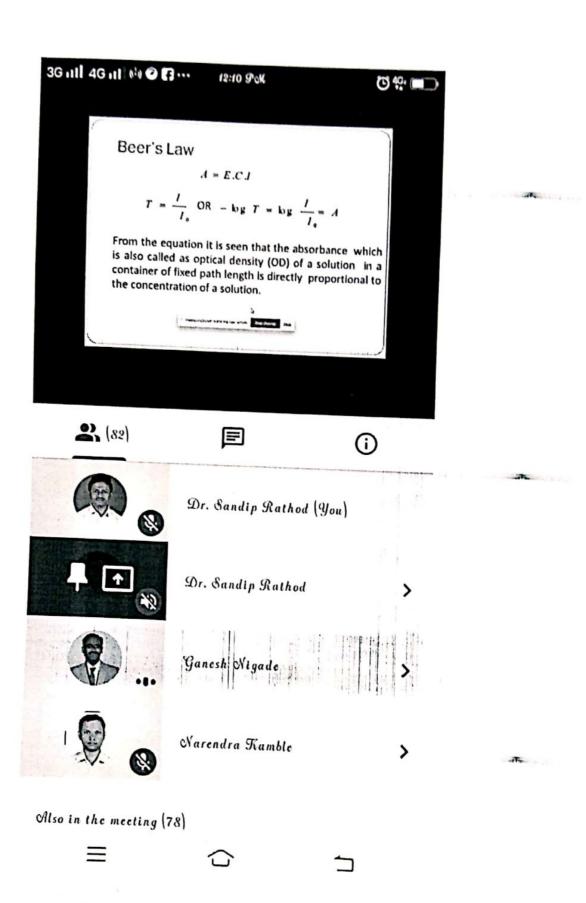
Department of Chemistry Waghire College, Saswad, Dist. Pune. Dr. V.V. Patankar Gor Ordinator DBT- STAR College Dr. Sushama Bhosale

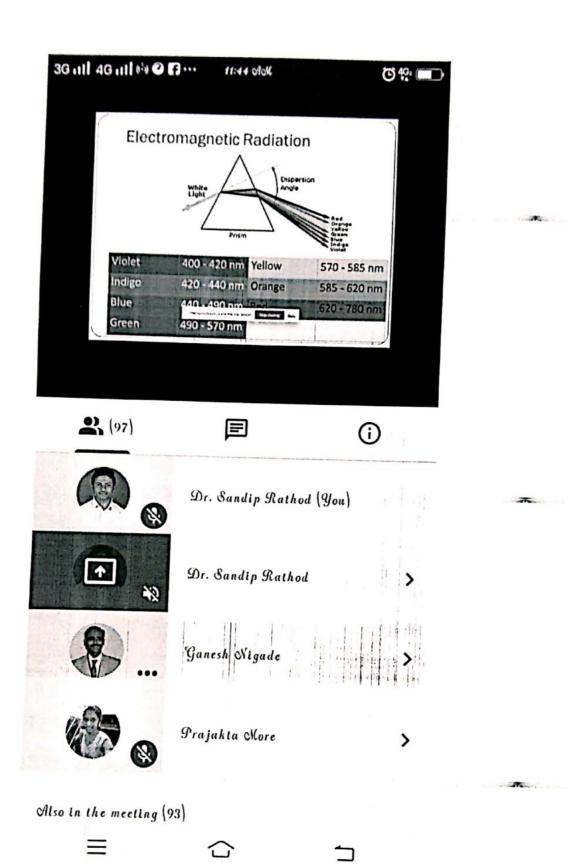
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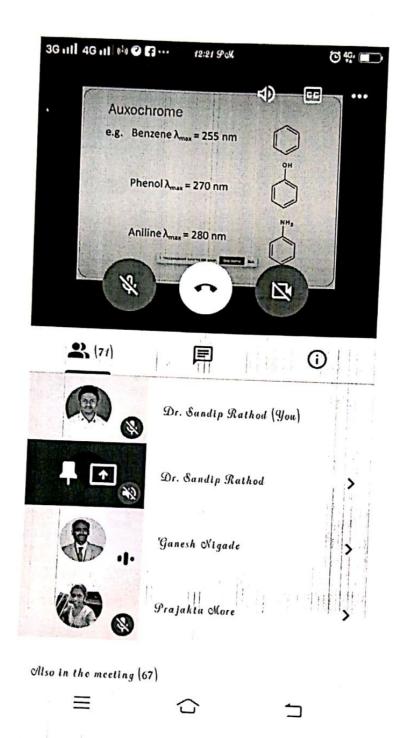
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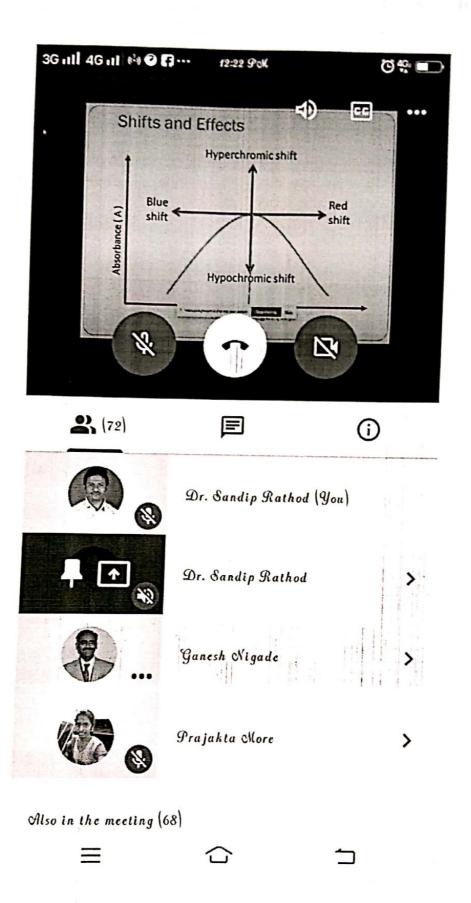


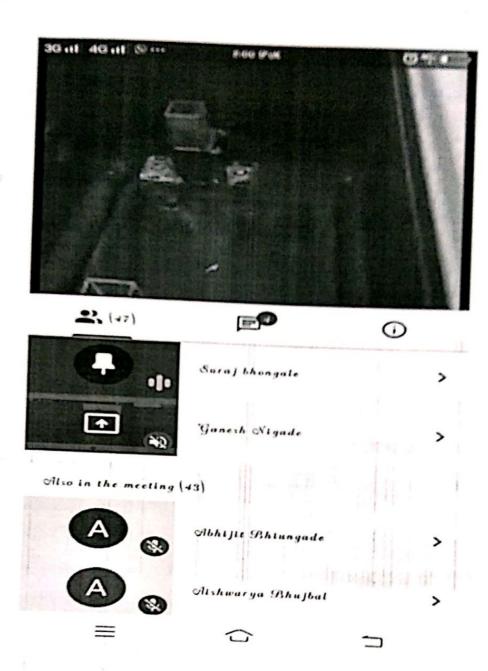












Dr. S.B. Rathod Activity Co-ordinator 900

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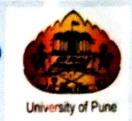
Dr. Sushama Bhosale

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Pune District Education Association's

WAGHIRE COLLEGE OF ARTS, COMMERCE AND SCIENCE, SASWAD



Tal- Purandar Dist- Pune,

DEPARTMENT OF CHEMISTRY

One Day OnlineWorkshop on

UV-Visible Spectroscopy

(10 March 2021)

CERTIFICATE OF PARTICIPATION

This is	to certify that _	Chavan Ketan Shravan of
	T. 7. B. SC.	has attended one day one day online Workshop
on "UV-VI	ISIBLE SPECTROSCOP	Y" organized on 10/03/2021. We appreciate and thank his/her active
participatio	n.	
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Co-ordinator

Principal