

**K.T.S.P. MANDAL'S
HUTATMA RAJGURU MAHAVIDYALAYA
RAJGURUNAGAR, TAL-KHED, DIST-PUNE 410501**

Affiliated to S. P. Pune University, Pune

**Report of
Demonstration and hands on training of Single beam UV visible Spectrophotometer**

For B.Sc., M.Sc. Students and research

Organized on 11/09/2025

**Organized by:
Department Of Chemistry
HRM, Rajgurunagar, Tal-Khed, Dist.-Pune.**

Report of Demonstration and hands on training of Single beam

UV visible Spectrophotometer

Date: 11/09/2025

Venue: Physical Chemistry laboratory, Department of Chemistry

Time: 11.00 a.m.

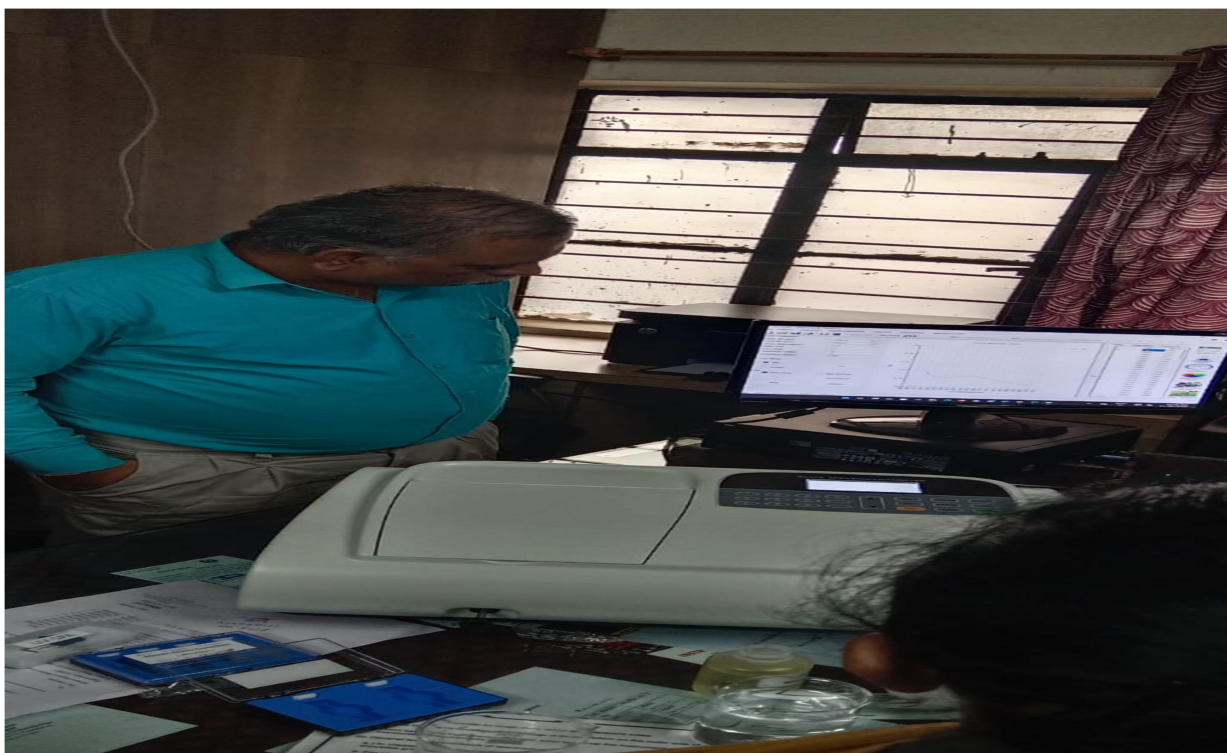
Organized by: Department of Chemistry

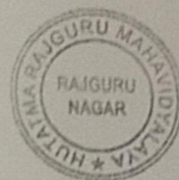
Participants: Undergraduate and Postgraduate Chemistry Students and research scholars.

The Department of Chemistry organized Demonstration of Single beam UV visible Spectrophotometer on 11/09/2025 at 11.00 a.m in Physical Chemistry laboratory for B.Sc. and M.Sc. students. A UV-Visible spectrophotometer is an essential analytical instrument widely used in chemistry and pharmaceutical sciences. It measures the absorption of ultraviolet (200–400 nm) and visible (400–800 nm) radiation by a substance.

The demonstration was conducted to provide undergraduate (UG) and postgraduate (PG) students with practical knowledge of the working principles, instrumentation, and applications of a **single beam UV-Visible spectrophotometer**. The demonstration provided a clear understanding of the working and applications of a single beam UV-Visible spectrophotometer. Both UG and PG students gained hands-on experience in measuring absorbance and applying Beer-Lambert Law for quantitative analysis.

Mr. Ashfaq sir from Labman Scientific Instruments, Mumbai demonstrate the instrument. He also gave hands on training to the students. Dr. P.S. Kulkarni, Dr. S. P. Jadhav and prof. N. D. Dongare, prof. J.S. Jasud and Prof. S. M. Bhambure, prof. N. S. Koke were present for this activity.





**Khed Taluka Shikshan Prasarak Mandal's
Hutatma Rajguru Mahavidyalaya, Rajgurunagar**

Affiliated to S. P. Pune University, Pune

NAAC Reaccredited "B++" Grade (CGPA 2.83), DST-FIST Recognized

college website: <https://www.hrmrajgurunagar.ac.in>, E-mail:

hrmrajguru@yahoo.co.in,

ph. No. 02135222099

Department of Chemistry

**Demonstration and Hands on Training Single Beam UV-Visible
Spectrophotometer**

Sr. No.	Name of the student	Class	Sign
1	Nita Shinde	M.Sc - II	Nita
2	Sandhya Jadhav	M.Sc - II	Sadhav
3	Sakshi Muluk	T.Y. B.Sc.	Sakshi..
4	Ekta Pakshe	T.Y. B.Sc.	Pakshe
5	Vaishnavi Patil	T.Y. B.Sc.	Patil
6	Kajal Phardre	M.Sc - II	Kajal
7	Aashitosh Naitkade	M.Sc - II	Ashitosh
8	Harshda Jadhav	T.Y. B.Sc.	Jadhav
9	Nadakh Rupati Abhok.	Research scholar	Nadakh
10	Gundal Nita vikramt	Research scholar	Gundal
11	Amit Jadhav	M.Sc - II	Jadhav
12	Bhumi Ka Wable	T.Y. B.Sc.	Wable
13	Pallavi Bomgar	T.Y. B.Sc.	Bomgar
14	Snehal Ujagare	T.Y. B.Sc.	Snehal
15	Bharati Ashwini	M.Sc - II	Bharati
16	Chetan Gurav	M.Sc - II	Chetan..
17	OMkar Waduj	T.Y. B.Sc.	Omwalunj
18	Prof. Koke N.S.	—	Koke
19	Prof. Jadhav S.P.	—	Jadhav
20	Prof. Bhambure S.M.	—	Bhambure
21	Prof. Dongare N.D.	—	Dongare
22	Prof. Jasud J.S.	—	Jasud