

Rayat Shikshan Sanstha's
Rajarshi Chhatrapati Shahu College, Kolhapur
Department of Chemistry

Date: 16 December 2025

NOTICE

All the Students of M.Sc I and II are hereby informed that , Department of Chemistry is going to organize a guest Lecture on "**Quantum Chemistry**" at **11.00 am** Wednesday, 17/12/2025 .

All Students should be attend the Guest lecture and take advantage of it.



Dr .K.V Gaikwad

(M. Sc .Co-ordinator)



Head of Department
Head

Department of Chemistry
Rajarshi Chh. Shahu College, Kolhapur

Rayat Shikshan Sanstha's
RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR
Department Of Chemistry
Report on Guest Lecture
"Quantum Chemistry"

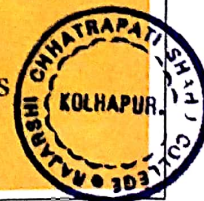
Date: 17 December 2025

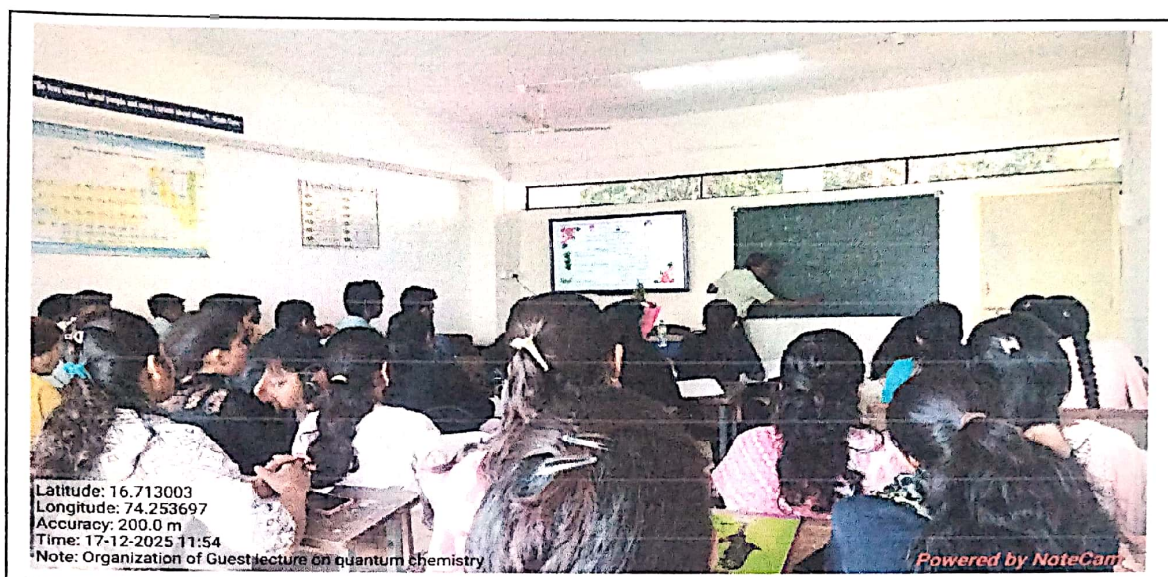
The P.G. Department of Chemistry, Rajarshi Chhatrapati Shahu College, and Kolhapur Organizes a Guest Lecture on **"Quantum Chemistry"** on 16 December 2025 from 11:00 AM to 4:00 PM at M.Sc. Lecture Hall (Digital Classroom). The guest lecture gathers eminent speakers: Mr. Sachin S. Patil, Assistant Professor at Sharad Institute of Technology, Ichalkaranji. Department of Chemistry welcome and facilitate Mr. Sachin S. Patil sir. The introduction is given by Prof. Dr. P. B. Piste madam. In the beginning Mr. Sachin Patil gave the introduction on Basic Concept of Quantum Chemistry. Later he explained Derivation of Schrodinger Wave Equation briefly. He explained Solution of wave equation for a free particle and particle in a box, Particle in one-dimensional box, Integral, Angular Momentum, Ladder Operator, Addition of Angular Momentum, Symmetric & Antisymmetric wave function ground and excited state, Pauli Exclusion Principle, Spectroscopic Terms & Symbols, Total Spin magnetic Angular Momentum, Spin Orbital, L-S Coupling, Application to electronic spectra of Linear molecules, Heisenberg's principle of uncertainty etc. Mr. Sachin Patil explained how to solve Numerical based on Quantum Chemistry. The lecture was very interactive and students participated enthusiastically.

As per the feedback received from the students it was very good learning experience, the lecture helped them in their understanding the Quantum Chemistry

Benefits of Guest Lecture:

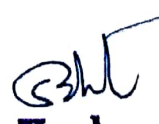
- Connects **theoretical concepts** (wave functions, operators, Schrödinger equation) to **real-world applications**
- Guest lecturers often share **practical problem-solving approaches** not found in textbooks
- Encourages curiosity and critical thinking in a complex subject
- Builds confidence in handling abstract and mathematically intensive topics
- Breaks routine classroom teaching with a dynamic learning format





Guest Lecture given by Mr. Sachin Patil Sir.


 Coordinator


 Head
 Department of Chemistry
 Rajarshi Chh. Shahu College, Kolhapur

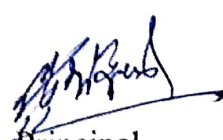

 Principal,
 Rajarshi Chh. Shahu College
 Kolhapur.

Photo gallery



Felicitations done by Department of Chemistry



Introduction By Professor Piste Madam





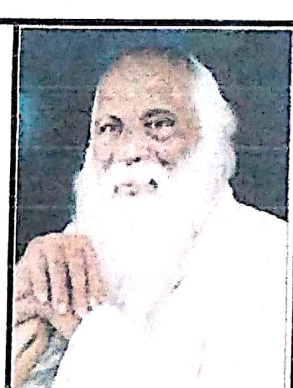
Rayat Shikshan Sanstha's
RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR

Department of Chemistry
Guest Lecture on Quantum Chemistry
Beneficiary List

Date : 17/12/2025

Sr. no.	Name of the Students	college	Sign
1)	Patil Vijay Bapuso	NCK	Patil
2)	Patil Tejas Sanjay	Nck	Patil
3)	Sourabh .MAHESH MOURYA	BSC-	Sourabh
4)	Atish . JagraJ shinde	R.CSC	Atish
5)	AKash satgappa Naik	R.CSC	Naik
6)	Abdulrouf Juber Mhaldao	R.C.SC	Abdul
7)	Shivani S. Bhosale	R.C.Sc	Bhosale
8)	Madhuri D. Bidave.	R.C.Sc.	Bidave
9)	Sakshi Sachin Sawant	R.C.Sc	Sawant
10)	Sayma F. Khan	R.C.S.C	Sayma
11)	Suhani A. Majgaonkar	R.C.S.C	Majgaonkar
12)	Tejasvini . S. Patil	R.C.S.C	Patil
13)	Snehal Subhash Limkar	R.C.S.C	Snehal
14)	Sneha Nitin Gorave	R.C.S.C	Gorave
15)	Anuja Prafulla Kamble	R.C.S.C	Kamble
16)	Samiksha. Sundar. Raikar.	R.C.S.C	S.S. Raikar
17)	Sneha Suresh Kale	R.C.S.C	Kale
18)	Sushant Narsing Biradale	R.C.S.C.	Sushant
19)	Mahadev Jatappa Kamble	R.C.S.C	Jatappa
20)	Amit Nitin Ananda Kalkade	R.C.S.C	Kalkade
21)	Aftab Mehboob Gadkari	R.C.S.C	Gadkari
22)	Patil Shruti Sambhaji	N.C.K.	Patil
23)	Patil Rajnandini Mahesh	N.C.K.	Patil



	<div style="text-align: center;">  Estd.: 1961 Rayat Shikshan Sanstha's RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR Kadamwadi Road, Kolhapur - 416 003, Maharashtra NAAC Reaccredited 'A++' (with CGPA 3.78) </div>	
E-mail: klpshahucol@gmail.com Website: www.rcsc.ac.in Phone No. 0231-2654658		
I/C Principal: DR. D. R. BHOSALE Outward No. 717 /2025-26 Date : 16.12.2025		

To,
Mr. Sachin S. Patil
Assistant Professor
Sharad Institute of Technology, Ichalkaranji.

Subject: - Invitation as a Resource Person for Guest lecture on Quantum Chemistry

Respected Sir,

We are very happy to inform you that, our Department of Chemistry is going to organize a Guest lecture on **"Quantum Chemistry"** for M. Sc I And II students in collaboration with the New College under MoU, Kolhapur on Wednesday, 17/12/2025.

It's our pride privilege to invite you as a resource person to deliver a speech on **"Quantum Chemistry"** at 11.00 a.m.

Thank You.




I/C Principal,
Rajarshi Chhatrapati Shahu College, Kolhapur

I/C Principal,
Rajarshi Chh. Shahu College
Kolhapur.



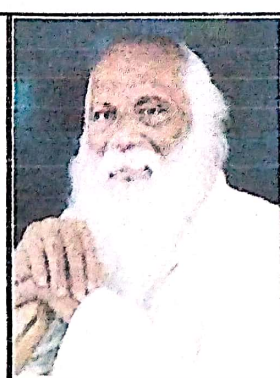
Estd.: 1961

Rayat Shikshan Sanstha's

**RAJARSHI CHHATRAPATI
SHAHU COLLEGE, KOLHAPUR**

Kadamwadi Road, Kolhapur - 416 003, Maharashtra

NAAC Reaccredited 'A++' (with CGPA 3.78)



E-mail: klpshahucol@gmail.com

Website: www.rssc.ac.in

Phone No. 0231-2654658

To Principal: **DR.D. R. BHOSALE** Outward No : 767 /2025-26

Date : 16.12.2025

To,
Mr. Sachin S. Patil
Assistant Professor
Sharad Institute of Technology,
Ichalkaranji.

LETTER OF GRATITUDE...


Respected Sir,

We would like to express our sincere appreciation and gratitude as you have delivered an excellent speech on "**Quantum Chemistry**" in one day guest lecture organized by the Department of Chemistry in collaboration with the **New College (Cluster)** under MoU, Kolhapur on **Wednesday, 17/12/2025**. We appreciate for sparing a valuable time from your busy schedule to discriminate the knowledge and skill to the participant. Your scholarly deliberation enriched their knowledge on the subject matter.

We express our heartfelt gratitude towards you for your contribution and would be honored to have you back soon.

With warm regards!!!




Principal,
Rajarshi Chh. Shahu College
Kolhapur.