

**Shri Shivaji Mahavidyalaya, Barshi**

**Department of Chemistry**

**List of students with seminar topic**

**Year 2018-19**

<b>Sr. No.</b>	<b>Roll No</b>	<b>Student Name</b>	<b>Seminar Topic</b>
1.	101	Badgude Akshay Dattatray	Review of Thermodynamics laws, Derivations of Maxwell's Relations
2.	102	Bagwan Muskan Nasim	Generation, structure, stability and reactivity of Carbocation
3.	103	Darade Swati Mohan	Lossen rearrangement
4.	104	Dhavan Pragati Aijinath	Nucleophile Substitution at an allylic carbon
5.	105	Dhawan Amit Suresh	Electrophilic substitution accompanied by double bond shifts.
6.	106	Ghadage Priyanka Popat	Bayer-villiger rearrangement
7.	107	Ghante Mohini Siddharam	Elements of symmetry, Chirality
8.	108	Halladmal Prakash Tamana	Hyperconjugation, Tautomerism, Bonding in Fullerenes.
9.	109	Jagtap Mauli Suryakant	Derivation of phase rule, application of phase rule to three component system.
10.	112	Khule Sriram Shamrao	Insulators and semiconductors
11.	116	Mulik Komal Laxman	Raoult's and Henry's law, Deviations, partial molar quantities
12.	117	Pujari Ramesh Raosaheb	Metal Cluster: Introduction, Classification of metal clusters
13.	120	Salunkhe Ganesh Sarjerao	Metal Carbonyls: Introduction, Classification of carbonyl complexes
14.	124	Waskar Gajanan Prakash	Fries migration rearrangement



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**List of students with seminar topic**

**Year 2021-22**

<b>Sr. No.</b>	<b>Roll No.</b>	<b>Name of Candidate</b>	<b>Seminar Topic</b>
1.	101	Aglave Vijay Nanasaheb	General discussion of the properties of non- transition elements, special features of the individual elements
2.	102	Barge Hanumant ashok	Synthesis, structure and properties of boranes
3.	103	Burange Akshay Ankush	Stepwise and overall formation constants and their interaction
4.	104	Chougule Malkari Bhimraya	Factors affecting the stability of metal complexes with reference to the metal ion and ligand
5.	105	*Damare Manisha Appasaheb	Lanthanides: Introduction, spectral and magnetic properties
6.	106	Gadekar Suhas Laxman	Insulators and semiconductors
7.	107	*Ghodake Rajashree Dhananjay	Nucleophile Substitution at an allylic carbon
8.	108	*Gurav Komal Mahadev	Actinides: Introduction, spectral and magnetic properties
9.	109	Kale Shrinivas Balaji	Metal Carbonyls: Introduction, Classification of carbonyl complexes
10.	110	*Karande Ashwini Tanaji	Occurance, extraction, properties and applications of silver
11.	111	*Kashid Mayuri Balasaheb	Robinson annulation
12.	112	Kedar Amar Bhaskar	Maxwell-Boltzmann (MB) distribution law and its application to viscosity and diffusion of gases.
13.	113	*More Harshada Baliram	Pyrolytic elimination (Xanthate ester, Sulphoxides)
14.	114	*Nagargoje Varsha Vitthal	Generation, structure, stability and reactivity of Carbocation
15.	115	*Parade Sonali Satish	Bayer-villiger rearrangement
16.	116	Patil Saurabh Sugriv	Wolff-Kishner reduction
17.	117	Patil Shubham Jalindhar	Electrophilic substitution accompanied by double bond shifts.



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**List of students with seminar topic**

**Year 2022-23**

<b>Sr. No.</b>	<b>Roll No.</b>	<b>Name of Student</b>	<b>Seminar Topic</b>
1.	201	Bhogil Shubhangi Sheshnath	Thermal Methods of Analysis: Introduction, thermo gravimetric analysis
2.	202	*Daware Vishranti Ashok	Differential Thermal Analysis(DTA): Theory, variables affecting the DTA curves, Difference between TGA and DTA
3.	203	Gandhale Adarsh Gautam	Coulometric Methods: Introduction, Principle, Coulometric techniques
4.	204	Gawali Sairaj Dnyaneshwar	Amperometry titration: Principles of Amperometric titrations
5.	205	Kadam Digvijay Dharmendra	ESR spectrometer, spectra, hyperfine interaction
6.	206	Kalshetti Revansiddha Prabhu	Photo acoustic spectroscopy-Basic principles of photo acoustic spectroscopy
7.	207	*Kore Amruta Jaykumar	High frequency titration: Principle, instrumentation, advantages
8.	208	Lamture Prathmesh Chandrakant	Voltametry and Stripping voltammetry: Principle, instrumentation
9.	209	*Mane Rinku Jaywant	HPLC Chromatography: Definition, theory and principle
10.	210	Mastud Rohan Dattatray	Affinity Chromatography:Introduction, theory stationary phase, preparation of column, separation of antigens.
11.	211	Nalawade Ganesh Lalasaheb	Capillary Electrophoresis: Principle, theory, instrumentation

12.	212	Sabale Vishal Malhari	Solvent Extraction: Basic principles, classification of solvent extraction systems, Factors affecting extraction process
13.	213	Sarwade Rushikesh Maruti	Radio Analytical Techniques: Determination of nuclear radiation
14.	214	Shinde Kishor Anil	Ion Selective Electrodes: Terminology, types and construction of selective electrodes glass electrode
15.	215	Shinde Sandesh Dattatray	Raman spectroscopy: Introduction, principle
16.	216	*Supekar Nita Jansingh	Resonance Raman Spectroscopy: Introduction, technique
17.	217	Tale Ajitkumar Lalbahadur	Nuclear Quadrupole Resonance Spectroscopy- Introduction
18.	218	*Yadav Priyanka Hari	Photoelectron Spectroscopy-Basic, principle of ESCA instrumentation
19.	301	*Barbole Snehal Machhindra	General discussion of the properties of non-transition elements
20.	302	*Bhadakwad Swaranjali Mahadev	Synthesis, structure and properties of boranes
21.	303	Dhavane Akash Pandurang	Actinides: Introduction, spectral and magnetic properties
22.	304	*Disale Shubhangi Lahu	Occurance, extraction, properties and applications of silver
23.	305	*Jadhav Punam Bandu	Role of metals in medicines, Role of metal ions in biological processes
24.	306	*Jadhav Shubhangi Bibhishan	Photosynthesis PS I and PS II
25.	307	Jadhav Vitthal Bandu	Birch reduction
26.	308	*Kajale Aishwarya Mahadev	Clemmenson reduction
27.	309	*Kale Aishwarya Ankush	Michael addition
28.	310	Karankoti Mahasiddha K	Occurance, extraction, properties and applications of Gold
29.	311	Kotwal Jishan Jumma	Lanthanides: Introduction, spectral and magnetic properties

30.	312	*Kulkarni Shraddha S	Stepwise and overall formation constants and their interaction
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**Department of Chemistry**

**List of students with seminar topic**

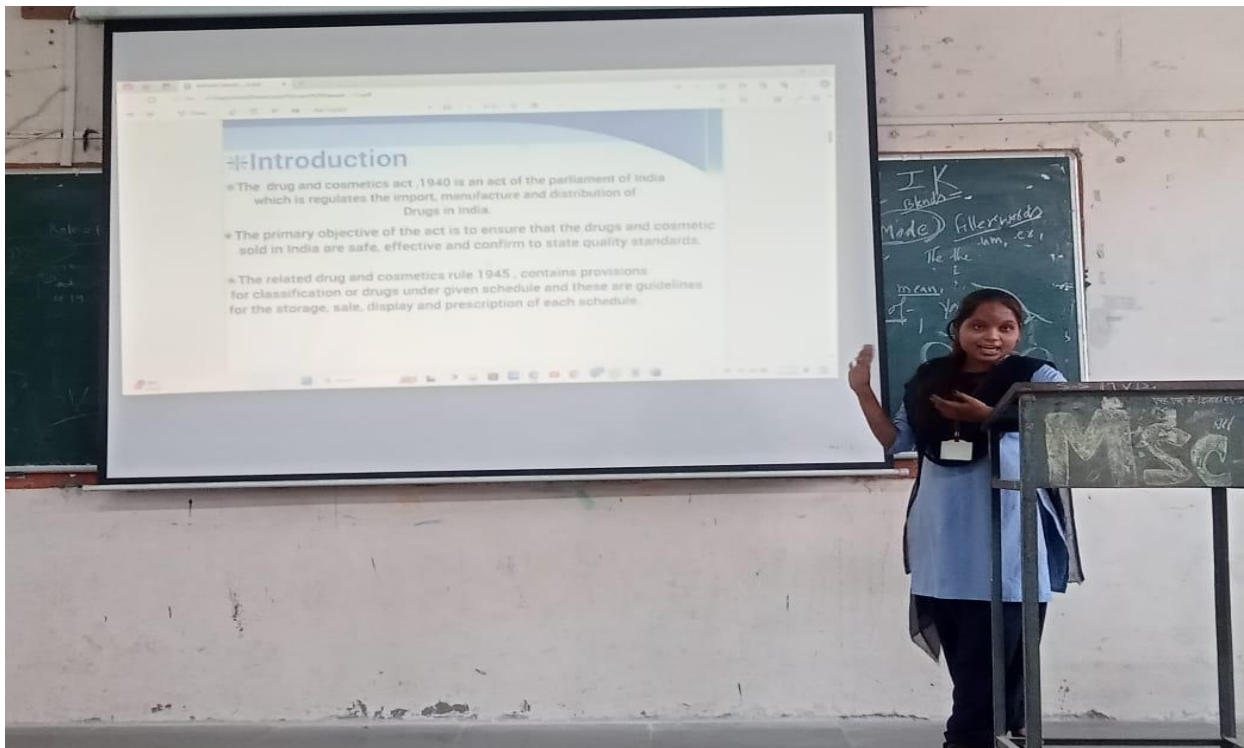
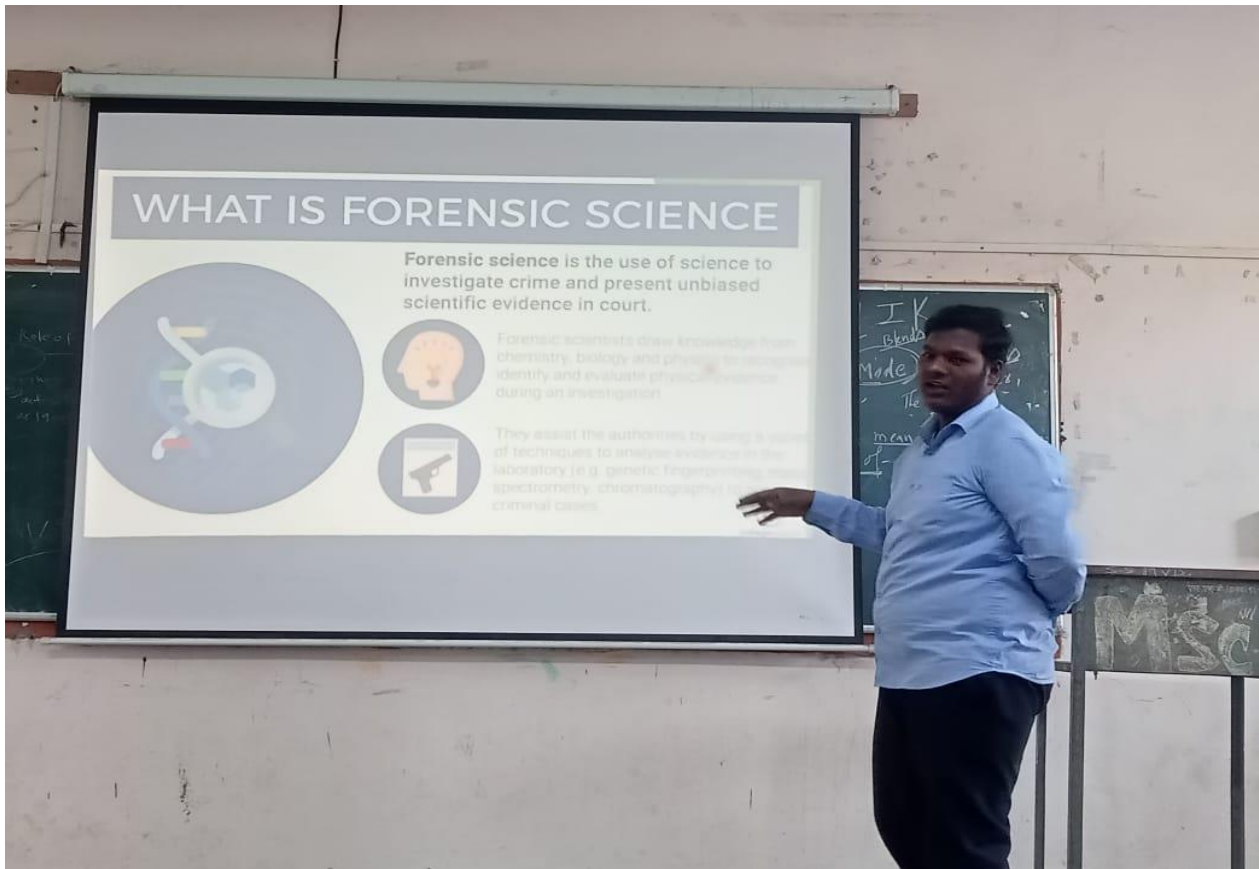
**Year 2023-24**

<b>Sr. No.</b>	<b>Roll No.</b>	<b>Name Of Student</b>	<b>Topic Name</b>
1.	102	Bharate Dipali S.	Carbocation
2.	103	Deshpande Gauri D.	Origin of Quantum Theory
3.	104	Dhanke Durga M.	Free Radical
4.	106	Kale Dipali A.	Optical Activity
5.	107	Kashid Shivratna R.	NGP
6.	110	Muthal Nikita N	Nature of Bonding
7.	112	Navgude Sanjana T.	VSEPR Theory
8.	113	Naravade Pratiksha	Fugacity
9.	114	Phule Sonali D.	Carbene
10.	118	Gade Krishna M.	Amperometry



11.	120	Ghodake Kunal M.	Extrensic and intrinsic
12.	121	Jadhav Swati B	Photo Electric Effect
13.	123	Kolhe Neha N.	Phase Rule
14.	126	Landage Rohini C.	Carbanion
15.	127	Pawar Akshata B.	Polarography
16.	128	Sirsat pranali B.	Maxwell Equation
17.	129	Takbhate Pratiksha	SN1 and SN2
18.	130	Zalte Trupti Y.	Basic of Thermodynamics







# Shri Shivaji Mahavidyalaya, Barshi

## Department of Chemistry

### Some Glimpses of Guest Lecture on Chemistry in Industry

By Capt. Ankush Pawar on 03.08.2024



**Some Glimpses of Guest Lecture on Global Opportunities of Chemistry  
By Dr. Kiran Shinde on 18.03.2024**



**Some Glimpses of Guest Lecture on Chemistry in Day To day Life  
By Prof. S.S. Vibhute on 18.03.2024**



**Some Glimpses of Guest Lecture on Chemistry in Industry  
By Mr. Sandesh Shinde on 14.03.2024**





**Mr. S. H. Kaulage, NET, GATE, Ph.D. (IISER, Pune) delivered Guest Lecture: 23-03-2023**



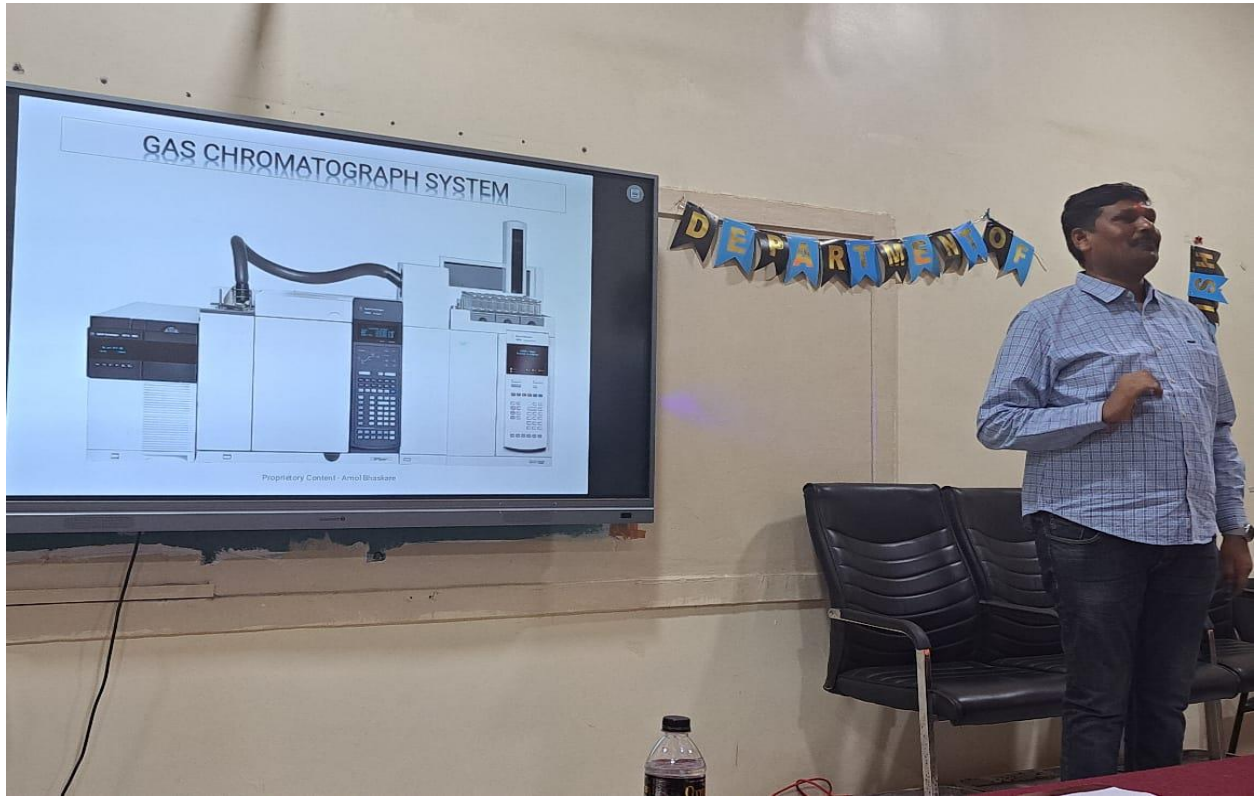


**Dr. Manoj Patil, SNJB's KKHA Arts, SMGL Commerce and SPHJ Science College, Chandwad, Chandwad Dist-Nashik: 23-03-2023**





**Mr. Amol Bhaskare**, Assistant General Manager, Quality Control,  
Harman Finochem Ltd., Aurangabad delivered Lecture: **17-02-2023**



**One Day Seminar on “Career in Chemistry” By V. M. Gurame on Date: 20-11-2022**



**Some Glimpses of Guest Lecture on Competative Examination & Time Management by Narreshchandra Katole on 05.04.2022**



**Some Glimpses of Guest Lecture on Quantum Mechanics by Prof. Harsih Parbat on 28.03.2022**



**Some Glimpses of Guest Lecture on Perspective of CSIR-SET-NET-GATE & IIT JAM Examination by Dr. Lahu Ghule on 28.03.2022**



**Mr. Ganesh Kondhare, M.Sc., NIT Sikkim, NET JRF delivered Guest  
Lecture: 18-11-2021**



## Seminar on “Techniques in Pharmaceutical Industries and Job Opportunities”

Date: 20-02-2020



Resource Person: Mr. Popat Baraskar, General Manager, Quality, Micro Labs Ltd., Bangalore



Participant students in seminar



**Science Fair-2020 for VII, IX and X Students (Date: 14-02-2020)**



Inauguration of Science Fair-2020 by Dr. B. Y. Yadav, President, SSPM, Barshi



Undergraduate student of our college demonstrating chemistry models to high school students



**Science Fair-2020 for VII, IX and X Students (Date: 14-02-2020)**

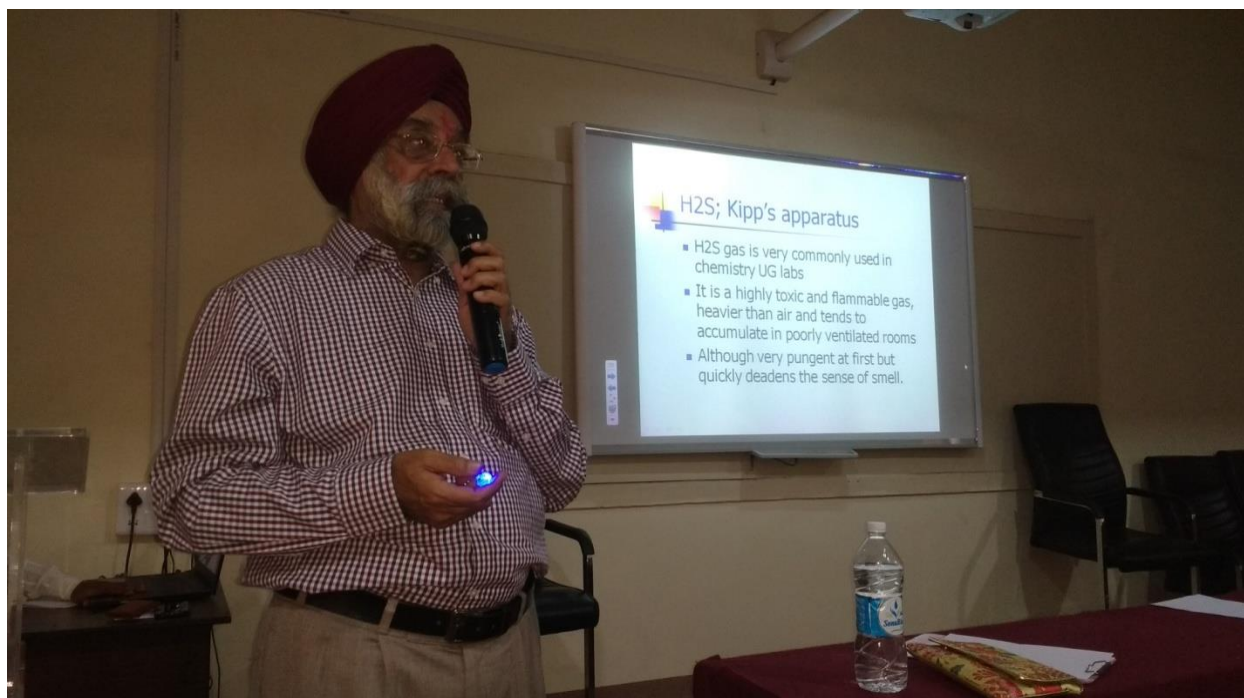


Science Fair-2020: Mr. J. C. Shitole, Treasurer, SSPM, Barshi, Prin. Dr. P. R. Thorat and Dr. S. H. Gaikwad



Undergraduate student of our college demonstrating electronics models to high school students

## One Day Workshop on Lab Safety (Date: 08-02-2020)



Dr. G. S. Grover, Chief Scientist (Scientist G) CSIR- NCL, Pune delivering lecture on workshop on lab safety on 08.02.2020



Faculty and students participated in workshop on Lab Safety: 08-02-2020

**One Day Workshop on “Career in Nuclear Science” Date: 27-09-2019**



Resource person: Dr. Gulshan Relhan, Ex-Scientist, Babha Atomic Research Centre, Mumbai



Resource person: Dr. Gulshan Relhan, Ex-Scientist, Babha Atomic Research Centre, Mumbai

**State Level Workshop on “Applications of Chemistry in Forensic Science” (ACFS-2019)**

**Date: 21-02-2019**



Resource Person: Prof. Dr. D. D. Gaikwad, Government Institute of Forensic Science,  
Aurangabad



Resource Person: Dr. Rajesh Kumar, Government Institute of Forensic Science, Aurangabad

**State Level Seminar: “Chemistry the Mirror of Industry” (CMI-2018) Date: 30-06-2018**



Presidential Speech of Principal Dr. P. R. Thorat



Inaugural Speech by Prof. Dr. P. P. Wadgaonkar, NCL, Pune

**State Level Seminar: “Chemistry the Mirror of Industry” (CMI-2018) Date: 30-06-2018**



Resource Person: Prof. Dr. G. S. Rashinkar, Shivaji University, Kolhapur



Resource Person: Mr. Madan Shinde, Senior Manager, Emcure Pharmaceuticals, Pune