



Indian Chemical Society (Mumbai Branch)

In Association With

KET's V. G. Vaze College of Arts, Science & Commerce (Autonomous)

RE-ACCREDITED (4TH CYCLE) BY NAAC WITH 'A' GRADE

Department of Chemistry & SMAF

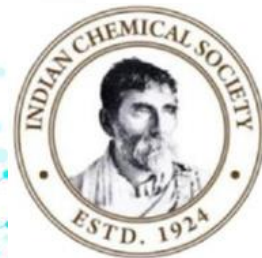
Organizes

36th RESEARCH SCHOLARS' MEET
RSM-2025

14th and 15th February, 2025

Venue

**Smt. Radhabai Vaze Auditorium, KET's V. G. Vaze College
(Autonomous), Mithagar Road, Mulund (E), Mumbai
400081**



Indian Chemical Society (ICS) Kolkata

Indian Chemical Society (ICS) is the oldest professional society of chemists in India. It was established in 1924 at Kolkata by the renowned chemist, Acharya Prafulla Chandra Ray, along with J. N. Mukherjee, S. S. Bhatnagar and other distinguished scientists with the aim of promoting advancement of chemistry and research in chemical sciences. Through various activities, ICS provides a forum to the Indian chemists to foster better communication and interaction among individual scientists, universities, research institutions and industry. Indian Chemical Society has twelve branches all over the country.

Indian Chemical Society (ICS) Mumbai Branch

The Mumbai Branch of the Indian Chemical Society known as ICS(MB), was established in year 1951 and is the most dynamic branch of the ICS in the country. In 1983, ICS(MB) started Aptitude Test in chemistry for students at undergraduate and post graduate levels. In 1987, ICS(MB) organized first Research Scholars' Meet (RSM) at University Department of Chemistry. In order to improve chemical education, ICS(MB) also delivers lecture series and workshops on different topics for the institutes and colleges in Mumbai region.

Research Scholars' Meet (RSM)

Research Scholars' Meet (RSM) is an important event of Indian Chemical Society (Mumbai Branch). It provides a platform to Ph.D. students/research scholars to present their work and showcase themselves in front of experts of Chemical Sciences. Research scholars registered for doctoral program or enrolled for MSc (by research) can present and discuss their work to get valuable suggestions from experts in the respective fields. Interaction among the Students, Scientists and Faculties (Guides) from BARC, HBNI, TIFR, IITB, University of Mumbai, ICT, CEBS, HBSU & Colleges affiliated is expected to be scientifically fruitful. RSM also provides platform for Guides/Mentors (expert in particular Field) to deliver inspirational talk to motivate Research Scholars to work on challenging / need-based R&D work in their PhD / MSc programs.



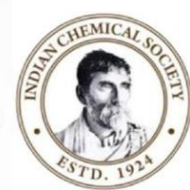
About KET's V. Vaze College (Autonomous)

The Kelkar Education Trust's V. G. Vaze College (Autonomous) was established by Shri Bhausaheb Kelkar in 1984 as a gesture of social commitment. The college holds the distinction of being the first affiliated college in Maharashtra to be assessed for accreditation by the National Assessment and Accreditation Council (NAAC) in 1998. Since then, the college has been committed to various quality initiatives. The college has undergone NAAC accreditation four times with an "A" Grade and has secured 3.45 CGPA in the fourth cycle in 2017. The college has 17 Aided Undergraduate, 8 Self-Financing Undergraduate and 6 Post-Graduate programs. The college also offers a unique Post-Graduate Diploma in Perfumery and Cosmetology and Vocational Skill Development program in Tourism and Hospitality. Short Term Certificate Courses are also conducted under the G. D. Kelkar Skill Development Centre and Finishing School. Vaze College has 7 Ph.D. centers, 30 faculty with Ph.D. and 13 Research Guides.

With Academic Autonomy in the year 2020-21, the college has begun a new journey with renewed zeal and enthusiasm towards excellence in education, where research has a very significant place. Post-Autonomy, the Institution has organized International Conferences every year based on various themes in Humanities and Social Sciences, Commerce, STEM, Self-Financing Programs. The College has successfully implemented the National Education Policy 2020 from the academic year 2023-24.

About Department of Chemistry

The Department of Chemistry of the college offers B.Sc., M.Sc and Ph.D courses. For M.Sc. Students it offers the specialization in Organic Chemistry. The faculty members are involved in various research areas like Photocatalysis, Supercapacitors, Gas Sensing, MXENE, Catalysis, Nanomaterials, Electrocatalysis, Sensors, Characterization, Green Chemistry etc. The Department is well equipped with sophisticated instruments which are very commonly required to conduct the advance research activities. The Department has spacious laboratories and instrumentation rooms providing most supportive atmosphere for research activities.



Abstract Submission

The 36th RSM-2025 invites abstracts for presentation from doctoral students, who have completed at least two years of research, from the date of Joining/Registration. In addition, PhD students are encouraged to present the Summary of thesis work before defense as well as those PhD students who are in 1st year or 2nd year of their joining/registration, not completed two years, they are encouraged to submit Abstract for Poster presentation. The RSM-2025 also invites post graduate students (by Research) for poster presentation. Students who are pursuing M.Sc. Degree, and completed 1 year of course from any Academic Institute/University are eligible for participation in RSM-2025.

All abstracts will be reviewed by technical committee and shortlisted candidates will be informed by email. It is requested that the concerned research supervisor will be available at the time of presentation.

Registration Process RSM-2025

The research scholars should mail the following four documents to:

rsm2025vazecollege@gmail.com

1. Scanned copy of duly filled up the registration form (soft copy attached)
2. A soft copy of abstract as per format mentioned above
3. Copy of permission cum forwarding letter, signed by research supervisor
4. A copy of payment transfer receipt for registration fee.



Abstract Submission

General Guidelines for the Preparation of the Abstract

The abstract should be prepared using the MSWord with the following settings: Paper Size: A4 (21 x 29.7 cm); Margins: Top, Bottom, Left & Right sides 2.54 cm; Font type: Times New Roman; Line spacing 1.15 lines. Text Lines: Line 1- Title in 14 font size, in upper case/capital and bold; Line 2- Authors name (12 font size and bold) Research Scholar's name (presenting author, underlined) followed by research supervisor's name (designated with an asterisk); Line 3- (11 font size) Email id of research supervisor (a must) and scholar's email id, if available; Line 4- (11 font size) name of institution where the research work was conducted; Line 5- Abstract text in font size 12; Keywords (maximum 6, in 11 font size) to be mentioned below the end of the Abstract text. References, if any (2 to 3 max, in 10 Font size) below the keywords.

Abstract titles should accurately, clearly, and concisely reflect the emphasis and content of the research work to be presented. For the author(s) list and affiliation, first names, initials, and surnames should be used (e.g., Janos H. Fendler instead of J. H. Fendler or Fndler, J.H.). After the names, professional or official titles or academic degrees should not be included. Research supervisor must be designated with an asterisk as the author to whom correspondence may be addressed. The name of the research scholar should be underlined. Any addition, deletion or rearrangement of author names in the authorship list should be made only before the abstract has been accepted and only if approved by the President, ICS-Mumbai. In affiliation, the name of the institution of the authors where the work was conducted should be given.

The abstract should not exceed 250 words. Further, it should be concise and factual, stating briefly the reason for the work, the most significant result, and major conclusions. Abbreviations and acronyms, if any, which are not broadly familiar to readers in all disciplines of chemical sciences should be placed in parentheses following the full form on its first appearance in the text. Please provide a maximum of 6 keywords below the last line of the abstract text. References, if any (2 to 3 max, in 10 Font size) should be placed together in a list at the end of the abstract text and keywords line in consistent manner the format exemplified below. Unnecessarily long lists of references and excessive self-citation should be avoided. References should be indicated in the abstract text by number(s) in square brackets in line with the text. If required, the actual authors can be referred to, but the reference number(s) must always be given.



References citation (Journals/Books/Book Chapter, etc.):

1. Adam O’Connell; Amber Barry; Ashleigh J. Bureke; Amy E. Hutton; Elizabeth L. Bell; Anthony P. Green; Elaine O’Reilly. Biocatalysis: Landmark Discoveries and Applications in Chemical Synthesis. *Chem. Soc. Rev.* **2024**, 53, 2828-2850. [DOI: 10.1039/D3CS00689A](https://doi.org/10.1039/D3CS00689A).
2. Maurice, Goeldner; Richard Givens. (Eds.) *Dynamic Studies in Biology: Phototriggers, Photoswitches and Caged Biomolecules*. Wiley-VCH GmbH, Weinheim, 2005.
3. Maurice, Goeldner. *Photoremovable Protecting Groups Used for the Caging of Biomolecules. Caging of ATP and Glutamate: Comparative Analyses*. In *Dynamic Studies in Biology, Phototriggers, Photoswitches and Caged Biomolecules*. Maurice, Goeldner; Richard Givens (Eds.), Wiley-VCH GmbH, Weinheim, 2005; pp. 76–94.

MANUSCRIPT TITLE (In upper case/capital, 14 pt, Bold)

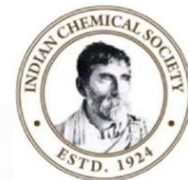
A.B. Author and C.D. Author* (12 font size, bold)

Institution Name (11 font size)

Mailing Address Including Research Guide’s Email (11 font size)

Abstract Text (12 Font size) (max 250 words)

Keywords: max. 6



Abstract Text (12 Font size) (max 250 words)

Keywords: max. 6

References (if any, max 2 to 3; Journals/Books/Book Chapter, etc.)

1. Adam O'Connell; Amber Barry; Ashleigh J. Bureke; Amy E. Hutton; Elizabeth L. Bell; Anthony P. Green; Elaine O'Reilly. Biocatalysis: Landmark Discoveries and Applications in Chemical Synthesis. *Chem. Soc. Rev.* **2024**, 53, 2828-2850. [DOI: 10.1039/D3CS00689A](https://doi.org/10.1039/D3CS00689A).
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Funding Sources

RSM is organized by host institute with partial financial support from registration fee from participants. However, additional financial support is necessary for organizing RSM-2025. In some of the previous RSMs, BRNS, DAE had granted partial funding. For organizing RSM-2024, BRNS, DAE and other funding agencies will be approached for partial funding.

Registration fees

PhD Scholars/Students: **INR 1000**

M.Sc. / Non-PhD students: **INR 750**

Registration fee should be paid online by NEFT/ RTGS/ other transfer modes to:

Account Name: **V G VAZE COLLEGE STUDENTS MUTUAL AID F**

Account Number: **8611101001015**

IFSC Code: **CNRB0002674**

Bank and Branch: **Canara Bank, Mulund East Branch**

Last Date to Register: **February 2nd, 2025**

(Receipt will be provided against the payment of registration fee)

For queries and assistance, Please Contact:

Dr. Paresh More: **+91 98190 03404**

Email: paresh.m34@gmail.com

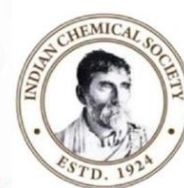
Dr. Shweta Jamble: **+91 98707 13385**

Email: jambleshweta@gmail.com

Mudita Sonawane: **+91 900 490 6526**

Email: mdtsnwn111@gmail.com

NOTE: Soft Copy of the Registration form is attached at the end of brochure



Patrons

Indian Chemical Society Mumbai, Branch

Prof. J. P. Mittal

Former Director, CG, BARC & Hon. Professor, CEBS, Mumbai

KET's V. G. Vaze College (Autonomous)

Shri. Ramesh Vaze, Founder Trustee

Dr. M. R. Kurup, Founder Principal

Mrs. Jyoti Bhadkamkar, Trustee

Dr. B. B. Sharma, Secretary, Kelkar Education Trust

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- | | | | |
|-----------------|-----------------|-------------------|------------------|
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| • P. A. Hassan | • T. Mukherjee | • H. K. Bagla | • R. K. Vatsa |
| • V. Sudarsan | • N. V. Thakkar | • B. M. Bhanage | • P. Chobe |
| • P. Badani | • A. K. Singh | • N. Kishore | • N. Agarwal |
| • R. Acharya | • D. B. Naik | • P. P. Phadnis | • A. Tyagi |
| • R. H. Gaikwad | • S. Shetye | • S. D. Pawar | • S. K. Sarkar |
| • S. Nigam | • K. C. Barick | • S. Sacchar | • R. Chakravarty |

Principal, KET's V. G. Vaze College (Autonomous)

Prof. (Dr.) Preeta Nilesh

Head, Department of Chemistry

Prof. (Dr.) Suresh Shendage

Organizing Committee

- | | |
|--|--|
| • Dr. Paresh More - Convenor | • Dr. Y. S. Malghe - Immediate Past Convenor |
| • Dr. Ashok Awale - Organizing Secretary | • Dr. Gahininath Jadhav - Treasurer |
| • Dr. Jagdish Bhangoji - Member | • Dr. Suresh Kadam - Member |
| • Dr. Himanshu Gupta - Member | • Dr. Shweta Jamble - Member |
| • Dr. Deepika Dangi - Member | • Ms. Mudita Sonawane - Member |
| • Ms. Pallavi Shirsat - Member | • Mr. Jatin Vaity - Member |
| • Mr. Akshay Bagwe - Member | |



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**KET's V. G. Vaze College of Arts, Science
& Commerce (Autonomous), Mulund (E), Mumbai**



Re-accredited (4th cycle) by NAAC with 'A' grade

Department of Chemistry and SMAF

Registration Form:

36th RESEARCH SCHOLAR'S MEET

RSM-2025

February 14 & 15, 2025

Name		
Institute		
Address		
Email		
Contact No		
Participating as	Oral Presenter / Poster Presenter / Attendee	
Details of Research Supervisor (Name and Institute)		
Date of PhD Registration & Number		
Payment Details	Transaction details:	Amount paid:
Reference No:	Date:	
Signature of the participant:	Signature of the Principal/ Head/ Director/ Research Supervisor	