

NEWSLETTER

APPLIED CHEMISTRY

Jan - June 2025



DEPARTMENT OF APPLIED CHEMISTRY

◆ Faculty Members



Applied Chemistry

Dr. Manoj Datar
Dr. Namrata Rajawat
Dr. Raje Sengar
Dr. Swati Dubey



Applied Physics

Dr. Jitendra Parashar
Dr. Sachin Mahajan
Dr. Ravi Jain



Applied Mathematics

Dr. Shailesh Jalori
Dr. Rajendra Dubey
Dr. Poonam Lata Sagar
Dr. Rajendra Pathak
Dr. Anil Dubey

Department of Applied Chemistry Activities (Jan – June 2025)

The Department of Applied Chemistry actively organized and participated in various academic and cultural activities during January–June 2025. Major highlights include:

- » Alumni Meet (Jan 2025) – Alumni interaction and career guidance sessions.
- » National Science Day (Feb 2025) – Poster presentation, quiz, and expert talk.
- » International Periodic Table Day (Feb 2025) – Creative charts and model display.
- » World Earth Day (Apr 2025) – Plantation drive and awareness programs.
- » World Environment Day (Jun 2025) – Seminar and eco-friendly campaigns.
- » Placement of Students – Several M.Sc. Applied Chemistry students placed in reputed industries.
- » Industry Visit – Exposure to industries.
- » Farewell Party – Organized for outgoing M.Sc. students.
- » Other Activities – Participation in exhibitions, cultural events, and outreach programs.



The Alumni Meet of M.Sc. Applied Chemistry, SATI, was held on 12th January 2025 with 85 alumni from across India participating. The event was inaugurated by Dr. Laxmikant Markhedkar (MJES Secretary) and Dr. Y.K. Jain (Director, SATI), along with faculty and dignitaries. Dr. Manoj Datar highlighted the department's legacy since 1972 and alumni contributions in diverse industries. A key highlight was the MoU signing with Dr. JCR Biosciences Pvt. Ltd., Hyderabad. Alumni shared professional experiences, guided students, and engaged in cultural programs. Retired faculty were honored, and the meet concluded with alumni pledging future support.





National Science Day (28th February 2025)

A Four-Day National Science Festival was organized at SATI from Feb 25–28, 2025 by the Applied Sciences Department, sponsored by MPCST, Bhopal, and NCST, Govt. of India. The event celebrated Sir C.V. Raman's birth anniversary with competitions, keynote lectures, and cultural programs. Over 200 students participated in speech, painting, poster, rangoli, and quiz contests, with winners felicitated on Feb 28. Chief Guest Dr. Laxmikant Markhedkar emphasized the role of science in national progress, while Director Dr. Y.K. Jain urged students to carry forward the legacy of great scientists. The festival concluded with lectures by eminent academicians and a vote of thanks.



International Periodic Table Day (7th February 2025)



The Applied Science Department, SATI, celebrated International Periodic Table Day with lectures, competitions, and enthusiastic student participation. Dr. Manoj Datar, Head of Department, delivered an insightful talk on the history and evolution of the periodic table, highlighting Mendeleev's contribution and its transformation into the modern table of 118 elements. Faculty members Dr. Namrata Singh, Dr. Raje Sengar, and Dr. Swati Dubey explained various aspects of periodic classification. Over 80 students took part in quiz and poster competitions, with winners felicitated at the closing ceremony. Dr. Laxmikant Markhedkar and Dr. Y.K. Jain praised the department for organizing this inspiring educational event.

➡️ Second prize in poster presentation was awarded to Ranu Rajpoot, M.Sc. 1st Year Applied Chemistry.



Modern Periodic Table:

H	He																	Ho
Li	Be																	Er
Na	Mg																	Tm
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe	
CS	Ba		Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn	
Fr	Ra		Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og	
La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu				
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr				

S. Senthilvelu
Nagarajapuram



World Earth Day Celebration 2025 (22 April 2025)

World Earth Day was celebrated on April 22 at the Applied Science Department of SATI to raise environmental awareness among students. Chief Guest and Director Dr. Y.K. Jain emphasized the need for pledges and meaningful efforts for Earth conservation. Dr. Manoj Datar, Head of the Department, highlighted the importance of balancing development with environmental protection. Dean (R&D) Dr. Jitendra Parashar stressed India's favorable climatic conditions and the duty to preserve them.

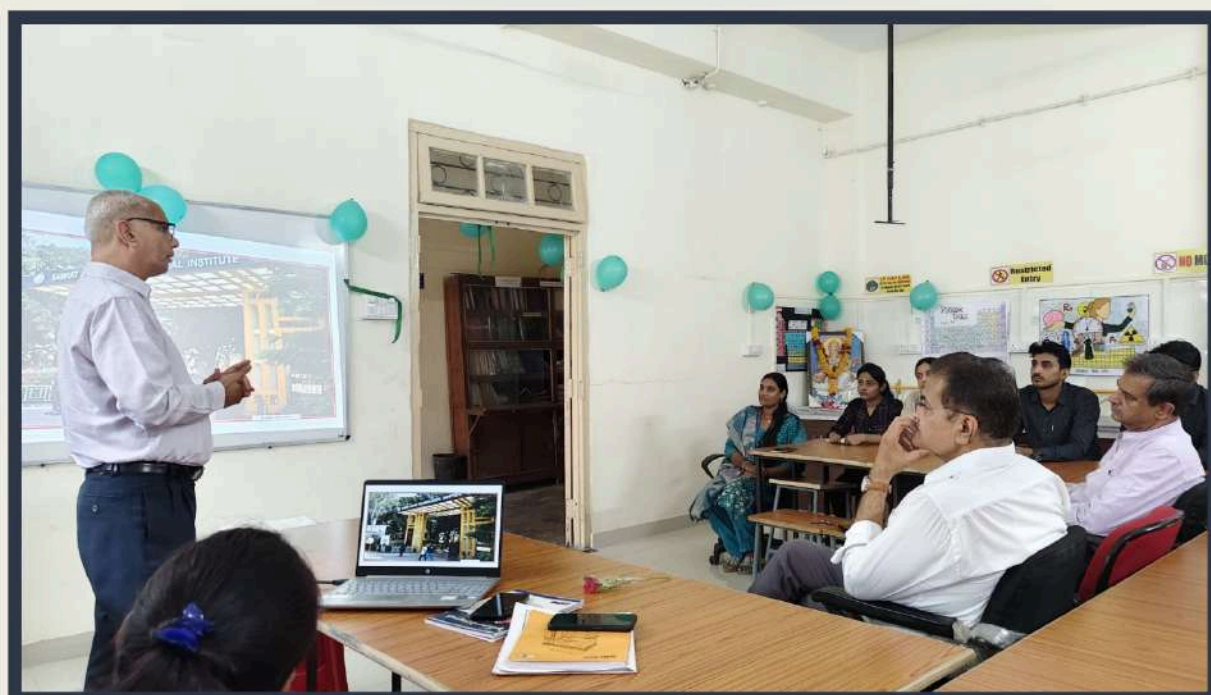
Competitions such as debate, painting, poster, and quiz were organized under the guidance of faculty members. More than 100 students participated enthusiastically, showcasing creativity and concern for the environment.





World Environment Day 2025 (5th June, 2025)

The Department of Applied Science, SATI, celebrated World Environment Day on June 5, 2025, with the theme “Beat Plastic Pollution”. Supported by MPCST, Bhopal, activities included a river cleaning campaign, plantation drive, speech and debate competitions, rangoli, and expert lectures, raising awareness about environmental protection and sustainability.





Industry Visit

An industrial visit was organized on January 23, 2025, for 22 M.Sc. Applied Chemistry students (I & III Semester) to Diamond Food Products Pvt. Ltd. and M.P. Board & Paper Mills Pvt. Ltd., Vidisha. The students, accompanied by faculty members Dr. Namrata Rajawat, Dr. Raje Sengar, Dr. Swati Dubey, and staff member Mr. Lalu Singh Raghuvanshi, gained practical exposure to industrial processes and the conversion of waste into useful products. The visit successfully bridged classroom learning with real-world applications. The department thanks Director Dr. Y.K. Jain, Head Dr. Manoj Datar, and the management for their support.





CM Rise School Student Visit

Students of CM Rise School, Vidisha, visited the Applied Chemistry Department, SATI, where they explored laboratories, interacted with faculty, and gained valuable exposure to scientific learning and research activities.



Outreach Activity

Applied Chemistry students participated in an outreach trip, experiencing relaxation, enjoyment, and experiential learning beyond the classroom environment.



Students Achievements



Technovision 2025



Students of M.Sc. Applied Chemistry, SATI, actively participated in the National Level Paper Presentation Competition – Technovision 2025, organized under the theme “Innovations for a Sustainable Future: Bridging Technology with Societal Needs.” The event served as a platform for budding researchers to present their innovative ideas and practical solutions. Our students showcased remarkable talent, with Ranu Rajpoot and Raghvendra Bhardwaj (1st Year) winning the First Prize, while Jageshwari Yadav and Mohit Yadav (3rd Year) secured the Second Prize. The Third Prize was bagged by Anamika Rai and Anuradha Rajput (1st Year). Their achievement reflects the excellence of our department.





Samrat Utsav - 2025

Won First Prize in Short Film Competition at Samrat Utsav – 2025

Students of M.Sc. Applied Chemistry (1st Semester), SATI, achieved a proud moment by winning the First Prize in the Short Film Competition organized during Samrat Utsav – 2025 in collaboration with the National Digital Library of India on 28th March 2025.

The event encouraged students to showcase creativity, teamwork, and awareness through impactful short films. The winning film was created by Ranu Rajpoot, Raghvendra Bhardwaj, Ashish Kumar Suryawanshi, Priya Raghuwanshi, Anamika Rai, Anuradha Rajput, and Prarthna Raghuwanshi. Their performance was highly appreciated by judges and audience alike, earning them certificates, prizes, and recognition at the institute level.



CSIR-NET June 2025 Qualified – Soumya Jain

The Department of Applied Science congratulates Soumya Jain, M.Sc. Applied Chemistry (Batch 2022–2024), for qualifying the CSIR-NET Examination, June 2025. Her success is a proud moment for the institute and an inspiration for students to aim higher in academics and research.



Farewell Party of M.Sc. Applied Chemistry Students (Batch 2023–25)

The Department of Applied Chemistry, SATI, bid farewell to the outgoing M.Sc. Batch 2023–25 on June 13, 2025. The event was organized by the 1st-year students to honor their seniors with warmth, joy, and gratitude. The program included fun activities and heartfelt speeches, making the day memorable. Faculty members appreciated the graduating batch for their dedication, sincerity, and contributions to departmental activities, while seniors expressed their gratitude to teachers and juniors for continuous support. The farewell concluded with blessings and best wishes for the bright future of the students, marking a meaningful closure to their journey at SATI.



Placement Success – M.Sc. Applied Chemistry (Batch 2023–2025)

M.Sc. Applied Chemistry [Batch 2023-2025]

PLACEMENT DATA

Total No. of Eligible Students: 12

Total No. of Placed Students: 09

% Students Placed: 75 %



AMAN SHARMA
RAKS PHARMA
BHARUCH, GUJARAT
Package: 2.50 LPA



ANSHU KUMAR
RAKS PHARMA
BHARUCH, GUJARAT
Package: 2.50 LPA



GAJENDRA DANGI
RAKS PHARMA
BHARUCH, GUJARAT
Package: 2.50 LPA



MOHIT RAGHUVANSHI
RAKS PHARMA
BHARUCH, GUJARAT
Package: 2.50 LPA



NEETEJ PAL
RAKS PHARMA
BHARUCH, GUJARAT
Package: 2.50 LPA



RAMNIWAS SHARMA
RAKS PHARMA
BHARUCH, GUJARAT
Package: 2.50 LPA



SOURABH NAYAK
RAKS PHARMA
BHARUCH, GUJARAT
Package: 2.50 LPA



VINAY CHOUKSEY
RAKS PHARMA
BHARUCH, GUJARAT
Package: 2.50 LPA



DURG SINGH DANGI
KRONOX LAB SCIENCES LTD.
VADODARA, GUJARAT
Package: 2.50 LPA

EDITORIAL BOARD

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◆Dr. Manoj Datar

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◆Dr. Raje Sengar

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◆Dr. Namrata Rajawat

◆Dr. Swati Dubey

Members (Student)

▶Ranu Rajpoot

▶Sourabh Nayak

▶Vinay Chouksey

▶Raghvendra Bhardwaj

▶Ashish Kumar Suryawanshi

▶Vaishnavi Baghel

▶Priya Raghuvanshi

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Articles/Achivements for subsequent editions may be submitted at: newsletter.appsci@satiengg.in