

SOPHIA GIRLS' COLLEGE (Autonomous), Ajmer



DEPARTMENT OF CHEMISTRY

2024-25

ACTIVITY 1

CATALYST- THE CHEMISTRY FORUM
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS), AJMER

INDUSTRIAL VISIT

INTERNATIONAL
COMBUSTION(INDIA)LIMITED,
AJMER

7th October, 2024

10:00 a.m.

Name of the Department- Chemistry

Name of the Activity- “Industrial Visit to International Combustion (India) Limited”

Date of activity – 7th October, 2024

Number of Participants – 104

Venue– International Combustion (India) Limited, Ajmer

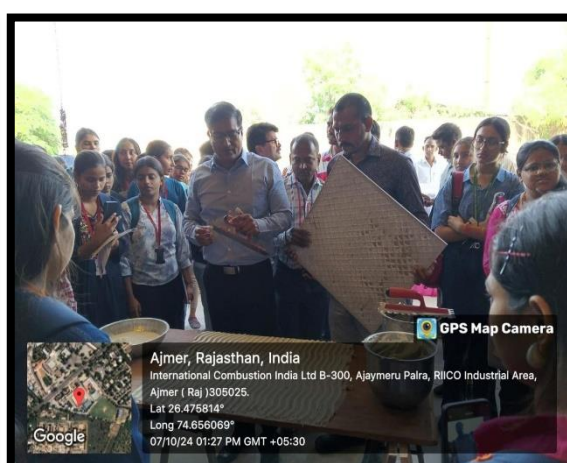
Objective of the Activity –Catalyst-The Chemistry Forum Organized an Industrial Visit to International Combustion (India) Limited, for the students of classes B.Sc. and M.Sc., where

they had the opportunity to apply theoretical knowledge acquired in classrooms to real-world scenarios.

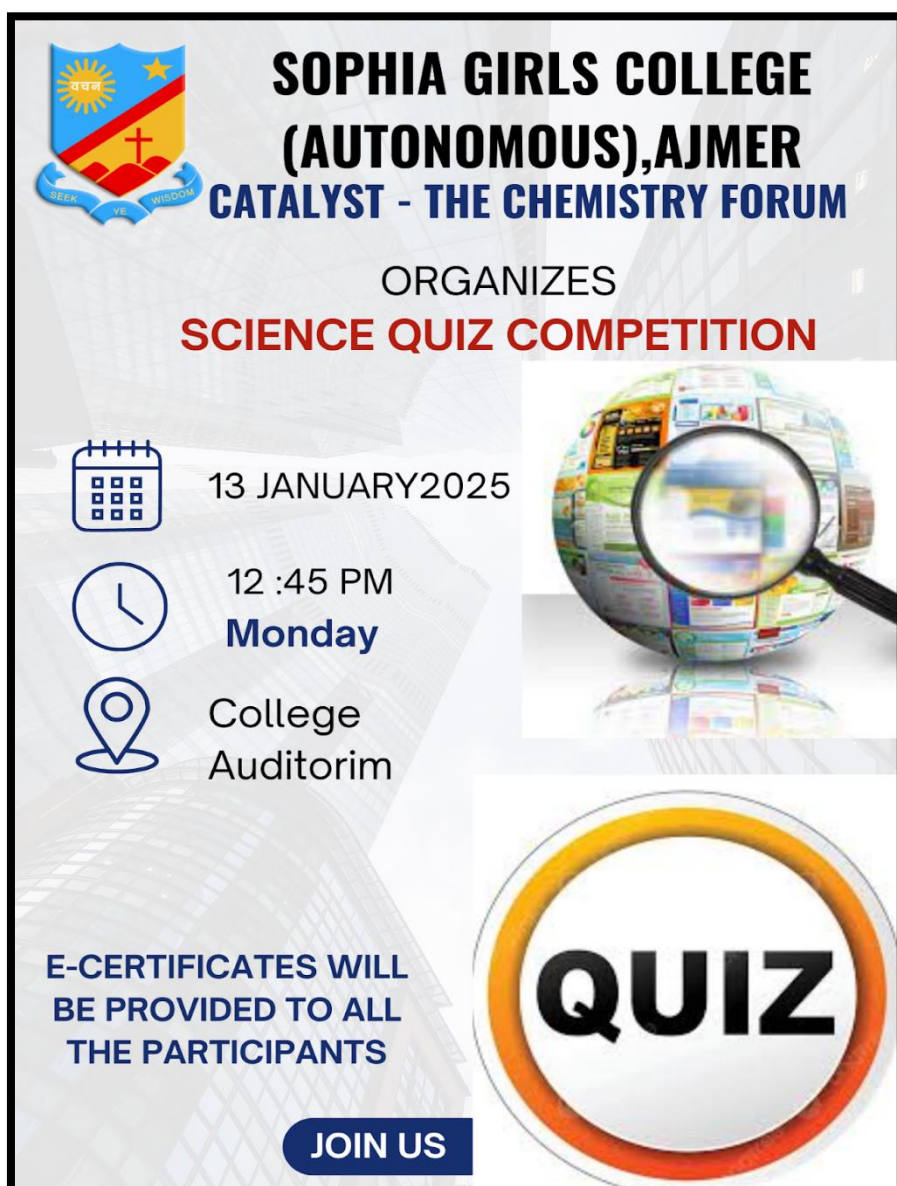
It will help students understand the relevance and practical implications of academic concepts in industrial settings.

Learning Outcome

Exposure to different industrial processes and technologies stimulates curiosity and creativity among students. It encourages innovative thinking and problem-solving by exposing them to real challenges faced by industries.





ACTIVITY 2




**SOPHIA GIRLS COLLEGE
(AUTONOMOUS), AJMER
CATALYST - THE CHEMISTRY FORUM**

ORGANIZES
SCIENCE QUIZ COMPETITION

 13 JANUARY 2025

 12 :45 PM
Monday

 College
Auditorium

E-CERTIFICATES WILL
BE PROVIDED TO ALL
THE PARTICIPANTS

JOIN US

QUIZ

Name of the Department- Chemistry

Name of the Activity- “Science Quiz Competition”

Date of activity – 13th January, 2025

Number of Participants – 61 (9 Teams)

Venue– College Auditorium

Objective of the Activity –

Catalyst-The Chemistry Forum Organized a science quiz competition, for the students of B.Sc. and M.Sc. The quiz was divided into four rounds:

- Knowledge Knock Out Round

- Guessing Guns Round
- Brain Blast Round
- Challengers Round

The quiz competition witnessed enthusiastic participation from students. This quiz helped students to go beyond textual comprehension and relate theory to real world applications of their studies.

Learning Outcome

The primary goal of this quiz is to educate them about the various phenomenons, instruments and famous scientists of science and technology.

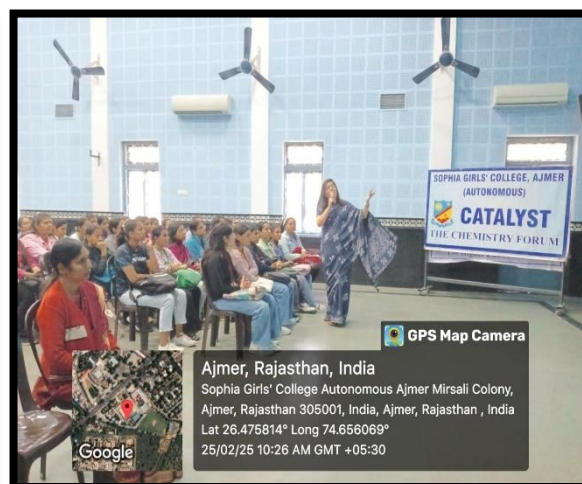


Opportunity to provide students an insight into the diverse opportunities in the field of chemistry. The seminar covered multiple career tracks, including research, teaching, chemical engineering, and analytical testing and much more.

The seminar successfully developed an increased awareness of the career potential within the chemistry and encouraged participants to explore various pathways.

Learning Outcome

The aim of the seminar is to provide students knowledge to plan their career trajectories by making informed decisions about further education, certifications, and professional goals within the chemistry field.



ACTIVITY 4



The poster features a header with four logos: NAAC A+ accreditation, a college crest with a sun and star, NIRF India Rankings 2024 (81st All India), and NAAC A++ accreditation. The main text is centered on a blue and white background with film reels at the bottom. It announces a collaboration between Sophia Girls' College (Ajmer) and S. S. Jain Subodh P.G. College (Jaipur) for a chemistry department activity. The activity is an online reel-making competition titled 'Reel Mania' with the theme 'Science as an Everyday Phenomenon'. The deadline is 9th April, 2025, and a submission link is provided.

Sophia Girls' College
(Autonomous),
Ajmer

in collaboration
with

S. S. Jain Subodh
P.G. College,
Jaipur

Department of Chemistry
is organizing
“Reel Mania”
(online Reel Making Competition)
Theme – Science as an Everyday Phenomenon
Last date: 9th April, 2025
Click here to submit - <https://forms.gle/3e9KJ4yN1tmHrEsL9>

Name of the Department- Chemistry

Name of the Activity- Reel Mania (The Reel Making Competition) on “Science as an Everyday Phenomenon”

Date of Activity – 9th April, 2025

Number of Participants – 23

Objective of the Activity –

Department of Chemistry Sophia Girls' college (Autonomous), Ajmer in collaboration with Department of Chemistry S.S. Jain Subodh P.G. (Autonomous) College, Jaipur organized Reel Mania (The Reel Making Competition) on "Science as an Everyday Phenomenon". This Reel Making Competition highlights the importance of science in our day-to-day life and showed the power of short videos as an effective educational tool. The competition attracted a large number of entries, from fun demonstrations of chemical reactions in the kitchen to explanations of physics in daily activities like cooking or cycling.

Learning Outcome–

The competition builds an understanding of how science shapes the world around us and encouraged participants to explore and share scientific ideas in their own unique ways.

ACTIVITY 5



**SOPHIA GIRLS' COLLEGE
(AUTONOMOUS), AJMER**

**CATALYST THE CHEMISTRY
FORUM**
organises a Internship Programme

 **TOSHNIWAL
INDUSTRIES PVT.
LTD. AJMER**

 26 May 2025-
29 May 2025

 10:00 am
onwards



Name of the Department- Chemistry

Name of the Activity- Internship at “Toshniwal Industries Pvt. Limited, Ajmer”

Date of activity – 26th May, 2025 to 29th May, 2025

Number of Participants – 13

Venue– Toshniwal Industries Pvt. Limited, Ajmer

Objective of the Activity – Catalyst-The Chemistry Forum Organized an Internship at “Toshniwal Industries Pvt. Limited, Ajmer” for B.Sc II year Chemistry students , where they

had the opportunity to apply theoretical knowledge acquired in classrooms to real-world scenarios.

It will help students to gain a practical insight of manufacturing of thermometers, process indicators and controllers, temperature scanners, temperature and pressure transmitters and lab instruments.

Learning Outcome

Exposure to different industrial processes and technologies stimulates curiosity and creativity among students. It encourages innovative thinking and problem-solving by exposing them to real challenges faced by industries.

