

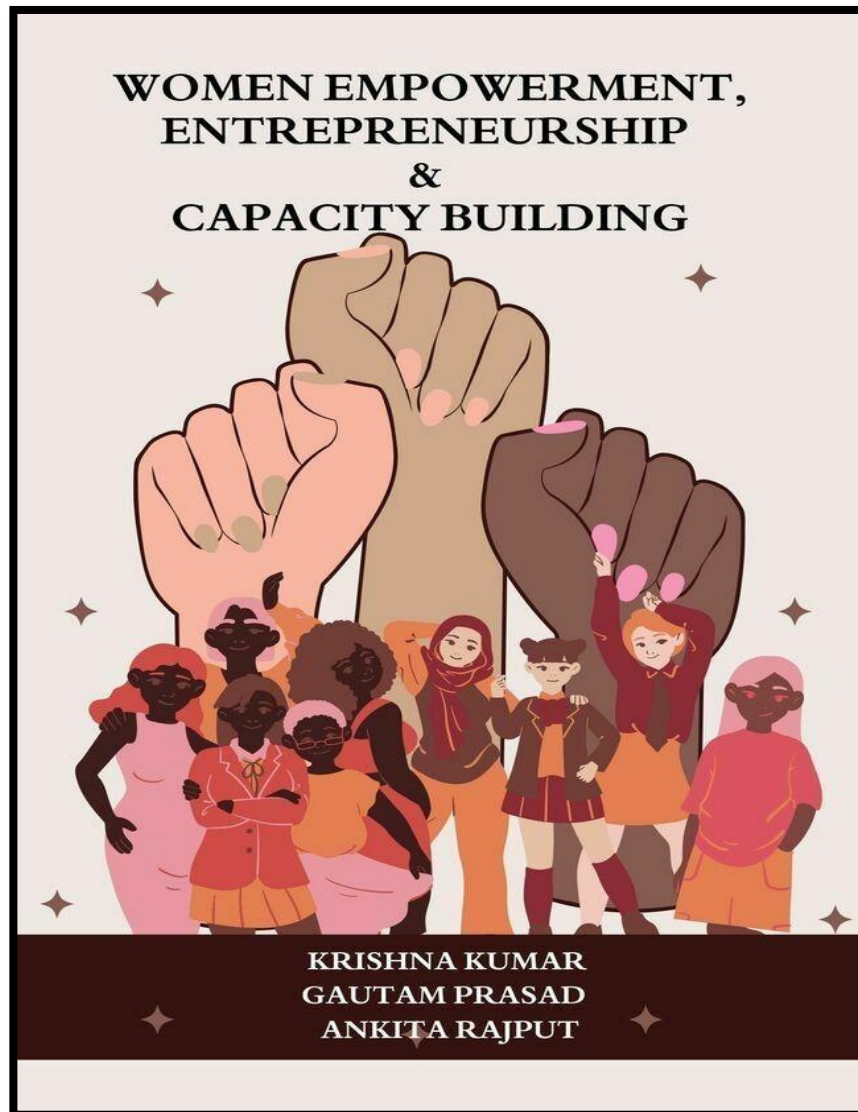
SOPHIA GIRLS' COLLEGE (Autonomous), Ajmer



DEPARTMENT OF GEOGRAPHY

2024-25

ACTIVITY 1



Name of Department-Geography

Date of activity- 29th-31st July, 2024

Level of Event- College level

Venue: Sophia Girls' College (Autonomous) Ajmer

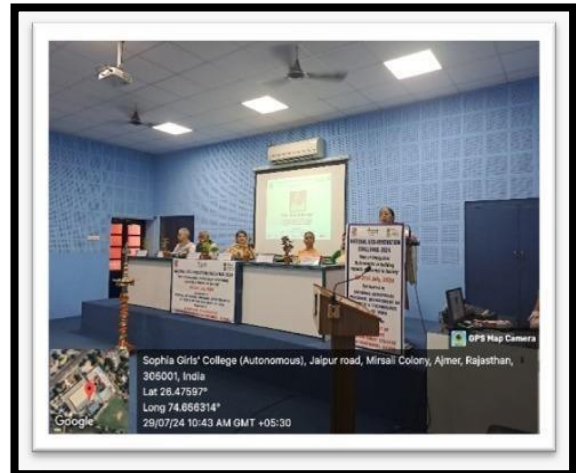
Title of the Event- Geo - Innovation Challenge Program - 2024

The Geoinnovation Challenge Program is a pioneering initiative designed to highlight the transformative role of geospatial technologies in empowering women and fostering societal development. Geospatial technologies, which include Geographic Information Systems (GIS), remote sensing, and location-based services, offer powerful tools for analyzing spatial data, improving decision-making, and addressing critical social challenges. This program focuses on

building women's capacity to harness these technologies for sustainable development, inclusivity, and community advancement.

Learning Objectives:

- Learners developed a foundational understanding of geospatial tools, including GIS, remote sensing, and GPS technologies.
- Learners learned how these technologies are applied in analyzing spatial data and solving real-world problems.
- Learners explored the role of geospatial technologies in addressing gender disparities and promoting women's participation in tech-driven fields.
- Learners build confidence and technical expertise among women to use these tools effectively.



ACTIVITY 2

The poster features the following elements from top to bottom: the Ministry of Science and Technology logo on the left; the Department of Geography title in green; the college crest; the college name 'SOPHIA GIRLS' COLLEGE (AUTONOMOUS), AJMER'; the seminar title 'NATIONAL SEMINAR On ROLE OF GEOSPATIAL TECHNOLOGY IN THE CAPACITY BUILDING OF WOMEN IN SOCIETY'; three images: a group of women, a satellite in space, and a smartphone with a map; and a red banner at the bottom with the date 'DATE: 29th to 31st July, 2024'.

विज्ञान एवं प्रौद्योगिकी मंत्रालय
MINISTRY OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF GEOGRAPHY

SOPHIA GIRLS' COLLEGE (AUTONOMOUS),
AJMER

NATIONAL SEMINAR
On
ROLE OF GEOSPATIAL TECHNOLOGY IN THE
CAPACITY BUILDING OF WOMEN IN SOCIETY

DATE: 29th to 31st July, 2024

Name of Department-Geography

Date of activity- 29th-31st July, 2024

Level of Event- College level

Venue: Sophia Girls' College (Autonomous) Ajmer

Title of the Event- National Level 3 Day Lecture Series-2024

Number of Participants- 11

The integration of geospatial technologies into societal development has transformed the way we understand and address various challenges, offering innovative solutions for empowerment and progress. This national seminar on "The Role of Geospatial Technologies in Building Capacity of Women in Society" aims to explore the potential of these advanced tools in fostering gender equity, enhancing women's participation in decision-making, and supporting sustainable development initiatives.

Geospatial technologies-encompassing Geographic Information Systems (GIS), remote sensing, and spatial data analysis-provide valuable insights into resource allocation, urban planning, disaster management, and more. By leveraging these technologies, we can address

critical issues such as women's safety, access to education, healthcare, and employment, and promote inclusive growth.

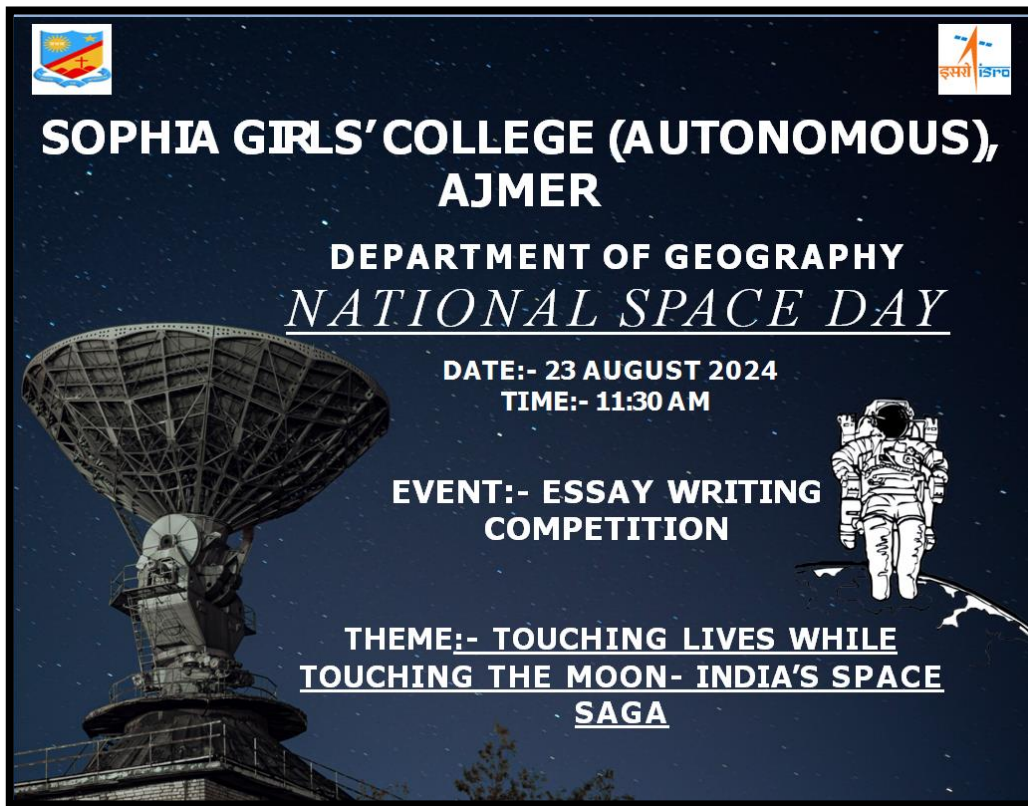
By fostering collaboration and dialogue, the seminar aspires to contribute to building an equitable society where women are empowered through technology to take on leadership roles and drive meaningful change. This event underscores the importance of using cutting-edge technologies not only for development but also for creating a world that values and nurtures the potential of every individual, irrespective of gender.

Learning Outcomes

- Learners got the comprehensive knowledge of GIS, remote sensing, and spatial data analysis.
- Learners became aware of how these technologies can address societal challenges, particularly those faced by women.
- Learners have gained knowledge about how geospatial tools can enhance women's safety, access to education, healthcare, and economic opportunities.



ACTIVITY 3



Name of Department- Geography

Date of activity- 23 August 2024

Level of Event- College level

Venue: Sophia Girls' College (Autonomous) Ajmer

Title of the Event- Staff National Space Day-2024

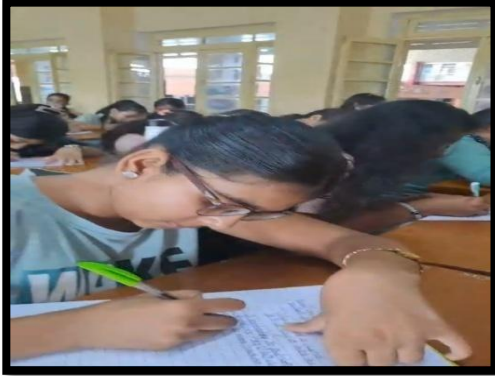
Number of Participants- 55

India became the fourth country to land on the moon and the first to reach its southern polar region on August 23, 2023. To honor this landmark achievement, Hon'ble Prime Minister Shri Narendra Modi announced August 23 as "National Space Day. Department of Geography Sophia girls' College Ajmer is celebrated its maiden National Space Day [NSpD-2024] on August 23, 2024 with the theme "Touching Lives while Touching the Moon: India's Space Saga." Around 108 students have participated In essay competition with their full zeal.

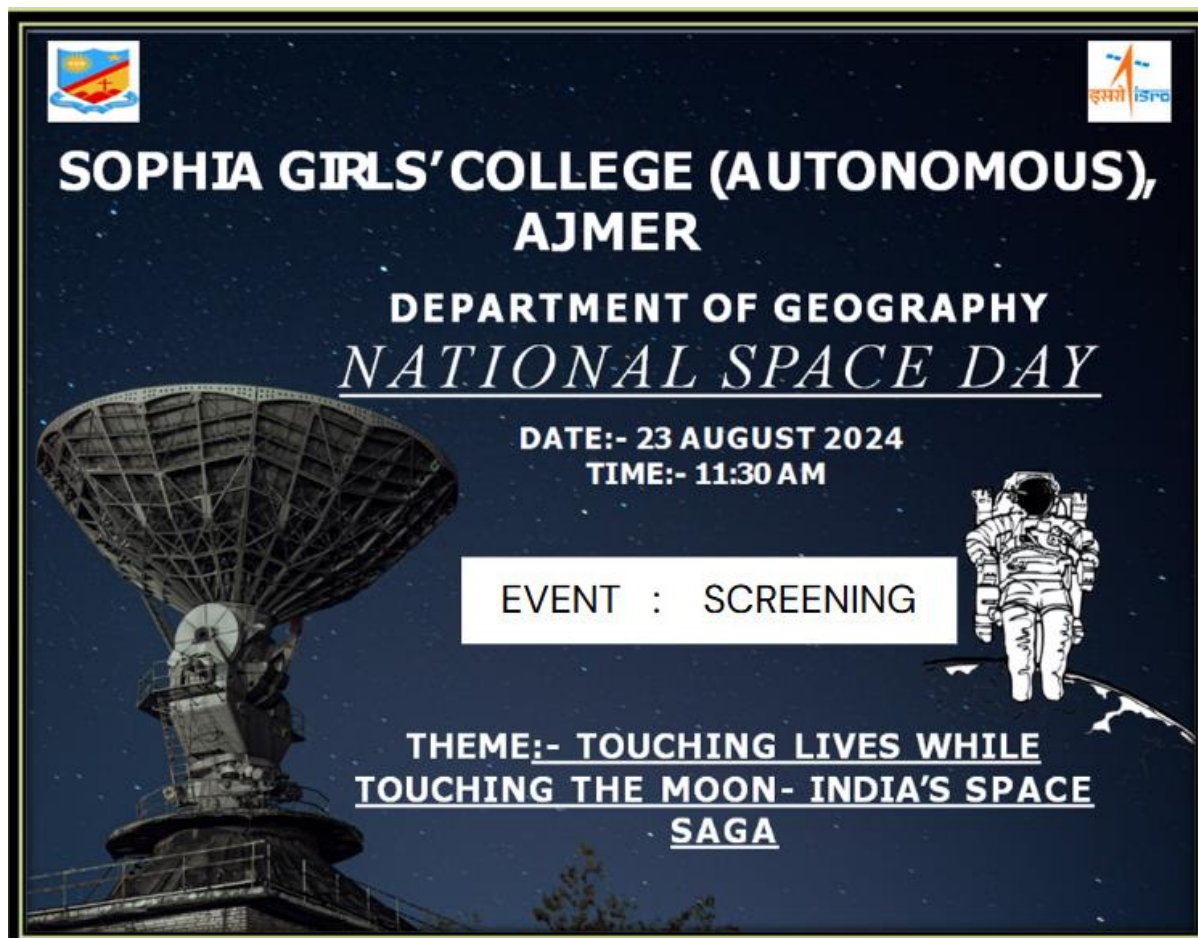
A myriad of events will unfold highlighting India's remarkable achievements in space, profound benefits to the society, and boundless opportunities for people from all walks of life to engage with the Indian space programme. These celebrations were withheld with the essay competition on the theme mentioned above.

Learning Outcomes

1. Students have gained knowledge about the geo – space science and technologies and admired the achievements of mission under Indian Space Organization (ISRO).
2. Effective comprehensive strategy to expressing space based ideas with depth and clarity.
3. Students have developed their critical thinking, analytical skills, and self-directed learning.



ACTIVITY 4



Name of Department- Geography

Date of activity- 23 August 2024

Level of Event- College level

Venue: Sophia Girls' College (Autonomous) Ajmer

Title of the Event- Staff National Space Day-2024

Number of Participants- 53

Department of Geography Sophia girls' College (Autonomous), Ajmer is celebrated its maiden National Space Day [NSpD-2024] on August 23, 2024 with the theme "Touching Lives while Touching the Moon: India's Space Saga." Screening of the whole event is telecasted and around 108 students witnessed this national level programme.

Learning Outcomes

1. Enhanced exposure to understand Space Science.

2. Understand the Milestone Achieved by ISRO.
3. Effective comprehensive strategy to expressing ideas with depth and clarity.
4. Developed critical thinking, analytical skills, and self-directed learning.



ACTIVITY 5

SOPHIA GIRL'S COLLEGE
AUTONOMOUS, AJMER
2024-2025
Department of Geography
THEME: Sustainable Development Goals

INSTRUCTIONS:

- 1. Activity Overview:**
 - All students are required to create a flex board as part of a compulsory activity for PG students.
 - The theme for the flex board is Sustainable Development Goals (SDGs).
- 2. Group Formation:**
 - Students will work in groups of two.
 - Ensure that each group focuses on at least one of the SDGs.
- 3. Flex Board Guidelines:**
 - The flex board should be visually engaging, clearly presenting the chosen SDG(s).
 - Include relevant images, statistics, and a concise explanation of the goal's importance.
- 4. Submission Date:**
 - The final flex board must be submitted by 4th November 2024.
 - Late submissions will not be accepted, so plan and complete the work in time.

• The boards will be evaluated based on creativity, relevance to the theme, clarity, and group collaboration.

Organised by: PRAKRITI FORUM
Dept. of Geography

Name of Department- Geography

Date of activity- 4th November 2024

Level of Event- College level

Venue: Sophia Girls' College (Autonomous) Ajmer

Title of the Event- Flex Making Competition-2024

Number of Participants- 13

The flex-making competition on the theme Sustainable Development Goals (SDGs) was organized to inspire creativity and awareness among participants about the United Nations' 17 global goals. These goals, designed to address pressing global challenges such as poverty, inequality, climate change, and sustainable growth, were the focal point of the competition. Participants used visual and artistic methods to highlight the significance of these goals and their impact on creating a sustainable future.

The competition served as a platform for learners to showcase their understanding of SDGs and propose innovative ideas to achieve them through impactful and visually appealing flex designs.

Learning Outcomes

- Learners gained a deeper understanding of the importance and relevance of the 17 Sustainable Development Goals.

- Learners learned to translate complex concepts into engaging visual content.
- Learners experienced working as a team, fostering collaboration and idea-sharing.
- Learners honed their ability to convey messages effectively through visuals, slogans, and design elements.
- The process of creating flex designs allowed participants to think critically about sustainable solutions to real-world problems.
- Learners learned or enhanced their skills in design tools and techniques while working on their flex creations.



ACTIVITY 6



Name of Department- Geography

Date of activity- 1st-30th JANUARY 2025

Level of Event- College level

Venue: Sophia Girls' College (Autonomous) Ajmer

Title of the Event- SOCIO- ECONOMIC SURVEY-2024

Number of Participants- 98

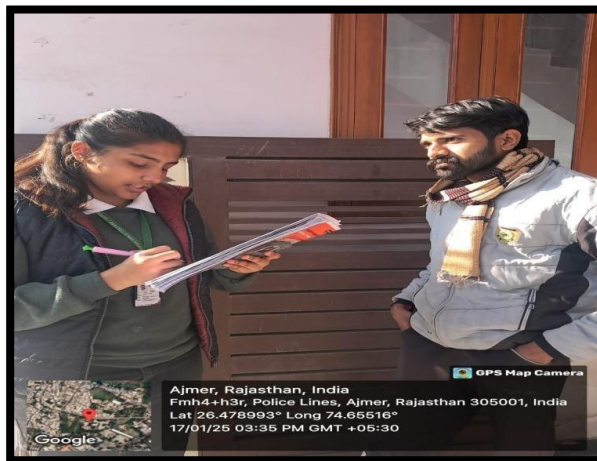
A socio-economic survey is a comprehensive tool used to gather and analyze data related to the social and economic conditions of individuals, households, or communities. It serves as a foundation for understanding issues such as income levels, employment patterns, education, health, housing, and access to basic services.

The primary objective of such surveys is to identify trends, disparities, and areas requiring intervention. This information aids policymakers, researchers, and organizations in designing effective programs, allocating resources efficiently, and addressing socio-economic challenges.

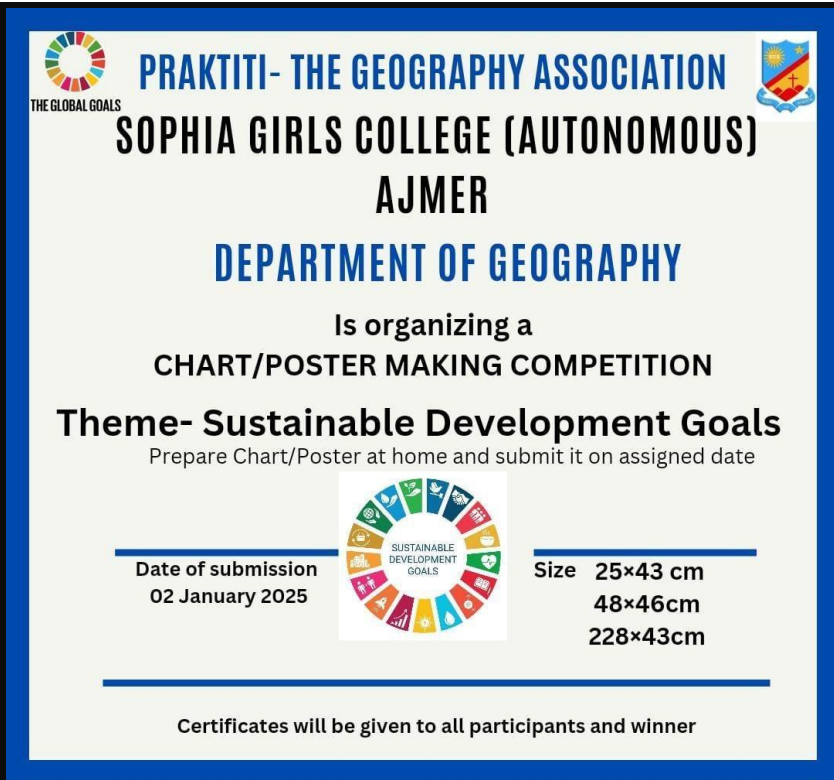
Learning Outcomes

- Students learned how to design, conduct, and analyze a socio-economic survey.

- Learners gained insights into creating questionnaires, selecting samples, and ensuring data accuracy.
- Learners understood key socio-economic indicators such as income, education, healthcare access, and employment trends.
- Learners gained insights into factors influencing social and economic disparities.
- Students learned to approach sensitive topics with cultural sensitivity and professionalism.



ACTIVITY 7



PRAKTITI- THE GEOGRAPHY ASSOCIATION
SOPHIA GIRLS COLLEGE (AUTONOMOUS)
AJMER
DEPARTMENT OF GEOGRAPHY

Is organizing a
CHART/POSTER MAKING COMPETITION

Theme- Sustainable Development Goals
Prepare Chart/Poster at home and submit it on assigned date

Date of submission
02 January 2025

Size 25×43 cm
48×46cm
228×43cm

Certificates will be given to all participants and winner

The poster features a central circular graphic of the 17 Sustainable Development Goals (SDGs) icons. The text is arranged in a clear, hierarchical layout, starting with the organizing body and department, followed by the event title and theme. Submission details and size options are provided in a structured manner. The entire poster is enclosed in a blue border.

Name of Department- Geography

Date of activity- 2 January, 2025

Level of Event- College level

Venue: Sophia Girls' College (Autonomous) Ajmer

Title of the Event- Poster Making Competition

No. of participants: 53

The Poster -making competition on the theme Sustainable Development Goals (SDGs) was organized to inspire creativity and awareness among participants about the United Nations' 17 global goals. These goals, designed to address pressing global challenges such as poverty, inequality, climate change, and sustainable growth, were the focal point of the competition. Participants used visual and artistic methods to highlight the significance of these goals and their impact on creating a sustainable future.

The competition served as a platform for learners to showcase their understanding of SDGs and propose innovative ideas to achieve them through impactful and visually appealing flex designs.

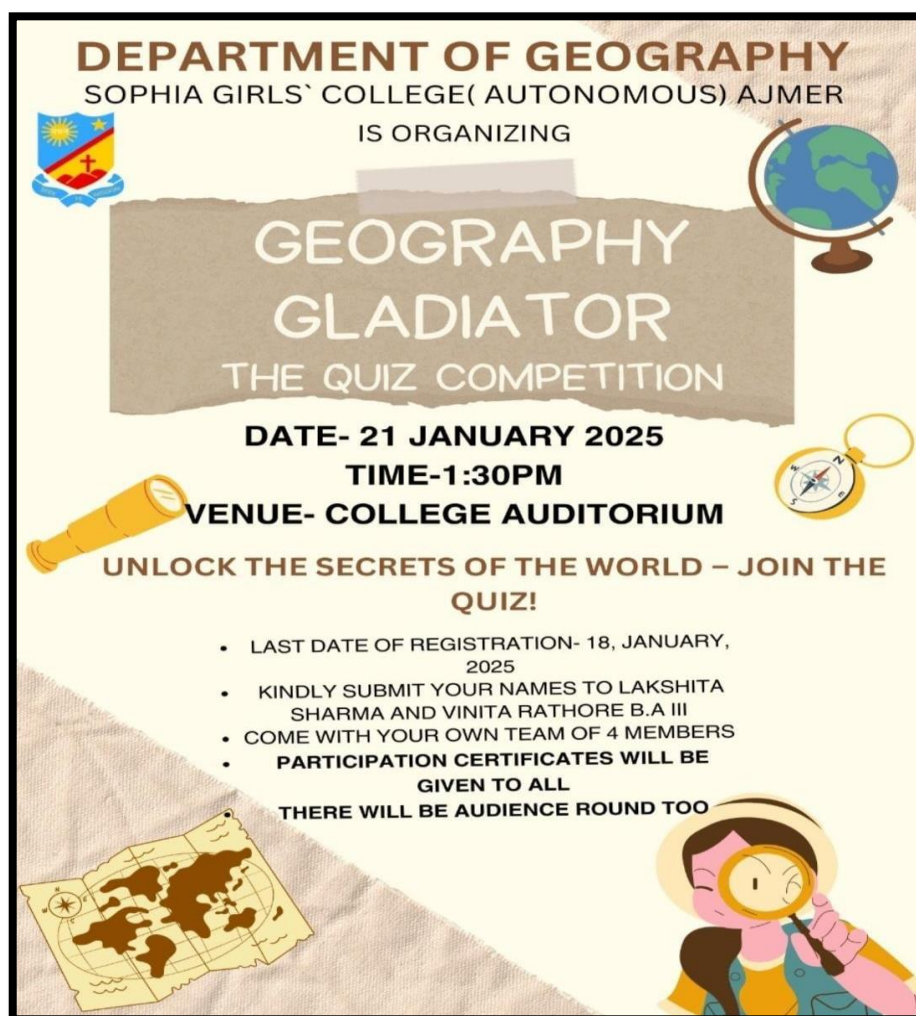
Learning Outcomes

- Learners gained a deeper understanding of the importance and relevance of the 17 Sustainable Development Goals.

- Learners learned to translate complex concepts into engaging visual content.
- Learners experienced working as a team, fostering collaboration and idea-sharing.
- Learners honed their ability to convey messages effectively through visuals, slogans, and design elements.
- The process of creating flex designs allowed participants to think critically about sustainable solutions to real-world problems.
- Learners learned or enhanced their skills in design tools and techniques while working on their flex creations.



ACTIVITY 8



Name of Department- Geography

Date of activity- 21 January, 2025

Level of Event- College level

Venue: Sophia Girls' College (Autonomous) Ajmer

Title of the Event- Quiz Competition (GEOGRAPHY GLADIATOR) - 2025

The Geography Gladiator Quiz Competition was a dynamic and engaging event designed to test participants' knowledge of geography and its various dimensions. The competition aimed to spark curiosity about the physical, cultural, political, and economic aspects of geography while fostering a spirit of healthy competition.

Through thought-provoking questions and interactive rounds, the event provided participants with an opportunity to showcase their expertise, learn new concepts, and deepen their understanding of the world. The quiz served as a platform for intellectual growth and fun-filled learning.

Learning Objectives:

- Learners gained a deeper understanding of geographical concepts, world regions, and natural phenomena.
- Learners explored topics such as continents, countries, capitals, landmarks, climate, and ecosystems.
- The competition encouraged learners to think critically and apply their knowledge to answer challenging questions.
- It enhanced their ability to analyze geographical data and draw meaningful conclusions.



ACTIVITY 9



The poster features a world map background. At the top center is the college's crest, a shield with a sun, a cross, and a book. Below it, the text reads 'DEPARTMENT OF GEOGRAPHY' and 'SOPHIA GIRLS' COLLEGE (AUTONOMOUS) AJMER'. A handshake icon is positioned below the college name. Further down, it says 'SR ALLOYS CASTING PRIVATE LIMITED, AJMER'. The title 'INDUSTRIAL VISIT' is written in green. A yellow box contains the quote: "Every industry is a classroom ; Every experience is a lesson waiting to shape your future ". Below this is the phrase 'Embark on a journey of experiential learning!' in cursive. The date and time are listed as 'Date : 30th January 2025' and 'Time : 9 am Onwards'. At the bottom, it says 'FOR BA III YEAR'. Two circular images are at the bottom: one of an industrial plant and one of molten metal being poured.

DEPARTMENT OF
GEOGRAPHY

SOPHIA GIRLS' COLLEGE (AUTONOMOUS)
AJMER

SR ALLOYS CASTING PRIVATE LIMITED,
AJMER

INDUSTRIAL VISIT

"Every industry is a classroom ;
Every experience is a lesson waiting to
shape your future "

*Embark on a journey of experiential
learning!*

Date : 30th January 2025
Time : 9 am Onwards

FOR BA III YEAR

Name of Department- Geography

Date of activity-30th January, 2025

Level of Event- College level

Venue: Sophia Girls' College (Autonomous) Ajmer

Title of the Event- Industrial Visit, 2025

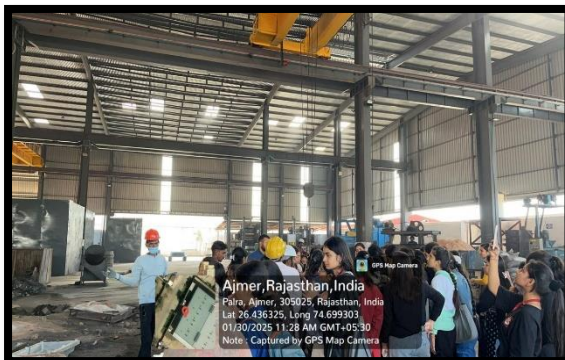
Number of participants: 102

An Industrial Visit provides students and professionals with a unique opportunity to experience the practical aspects of an industry. By bridging the gap between theoretical knowledge and real-world applications, industrial visits allow participants to gain firsthand insights into how industries operate, the technologies used, and the processes involved.

These visits typically include interactions with industry professionals, exposure to live production or operational environments, and an understanding of the challenges faced by the sector. This immersive experience enhances learning, fosters curiosity, and prepares participants for practical challenges in their respective fields.

Learning Objectives:

- Learners observed real-world applications of theoretical concepts learned in academic settings.
- Learners understood how raw materials are transformed into finished products through various processes.
- Learners got insights into the latest technologies, machinery, and tools used in the industry.
- Students learned about automation, quality control, and innovations implemented in industrial setups.



ACTIVITY 10

ST. XAVIER'S COLLEGE JAIPUR
AN ISO 14001 : 2015 CERTIFIED INSTITUTION
Affiliated to University of Rajasthan
Approved under Section 2(f) and 12(B) of the UGC Act, 1956
A Christian Minority Jesuit Institution

**International Conference
on
Sustainability and AI
in a VUCA World**
(Volatility, Uncertainty, Complexity, Ambiguity)
An Interdisciplinary Approach towards
Viksit Bharat

7-8 February 2025
For more information

Name of Department-Geography

Date of activity-8-9 February, 2025

Level of Event- College level

Venue: Sophia Girls' College (Autonomous) Ajmer

Title of the Event- International Conference on Sustainability and AI in a VUCA World

Number of participants: 5

The International Conference on Sustainability and AI in a VUCA (Volatile, Uncertain, Complex, and Ambiguous) World was a thought-provoking event that brought together researchers, industry leaders, and academics to discuss the intersection of artificial intelligence (AI) and sustainability. The conference aimed to explore how AI can drive sustainable development and how businesses, governments, and educational institutions can adapt to a rapidly changing global landscape.

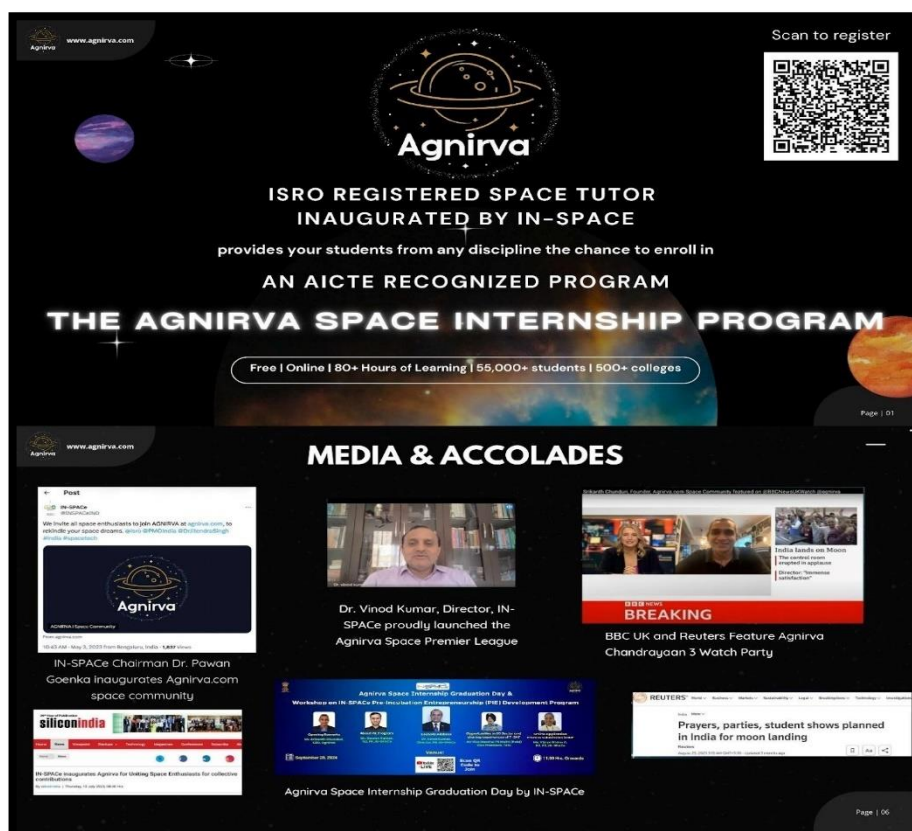
Students gained valuable insights into the transformative role of AI in addressing global issues and learned how to leverage technology for a sustainable future. By integrating these learnings into their academic and professional journeys, students can contribute meaningfully to a more resilient and sustainable world.

Learning Objectives:

- Learners will understand the key concepts of sustainability and how AI contributes to solving global challenges in a VUCA (Volatile, Uncertain, Complex, and Ambiguous) world.
- Learners will explore the ethical implications of AI in sustainability, ensuring responsible innovation and decision-making.
- Students will develop critical thinking skills to assess how AI-driven solutions can address environmental, social, and economic sustainability challenges.
- Learners will gain insights into emerging technologies, such as machine learning and big data, and their role in shaping a sustainable future.



ACTIVITY 11



Name of Department- Geography

Date of activity- 30th January, 2025

Level of Event- College level

Venue: Sophia Girls' College (Autonomous) Ajmer

Title of the Event- Agnivera Space Internship Program

Number of participants: 16

The Agnivera Space Internship Program is a unique opportunity for students to gain practical experience in space technology, satellite systems, and aerospace engineering. The program is designed to bridge the gap between theoretical knowledge and real-world applications, allowing students to work on innovative projects under the mentorship of industry experts.

Participants engage in hands-on learning, simulations, and research on space missions, propulsion systems, and satellite communication. The internship provides a strong foundation for those aspiring to build a career in the space sector.

Learning Outcomes: -

- Students gain hands-on experience in space technology, satellite design, and mission planning.

- Learners develop technical skills in MATLAB, Python, CAD, and simulation software.
- Students enhance problem-solving abilities by working on real-world space challenges.
- Learners build a strong foundation for careers in aerospace, space exploration, and satellite technology.
- Students connect with industry professionals, scientists, and mentors for networking and guidance