SOPHIA GIRLS' COLLEGE (AUTONOMOUS), AJMER



DEPARTMENT OF MATHEMATICS 2020-21

1. Spin Wheel Quiz Competition



• **Date:** 8August 2020

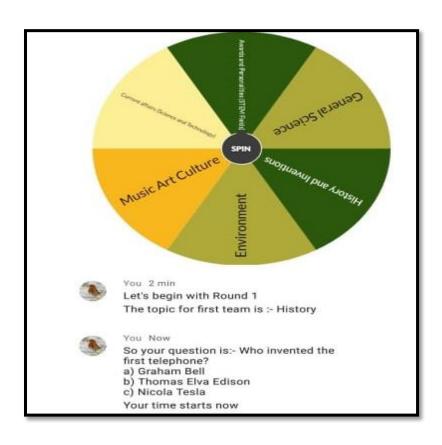
• Level: College Level

• Total Number of the Students: 35

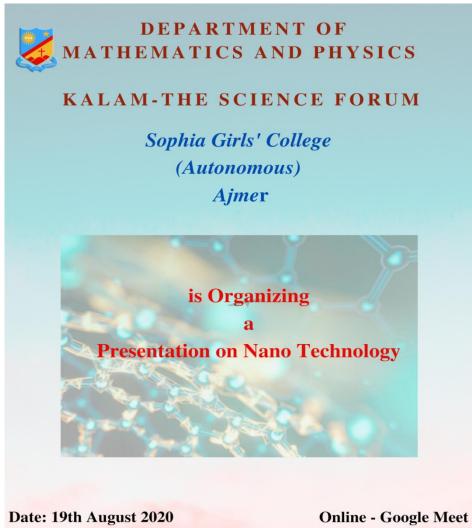
• Mode: Online (Google Meet)

• Learning Outcome: To Prepare students for higher Competitions

• **Report:** A Spin Wheel online quiz competition was organised by the 'Kalam The Science Forum' during Corona Pandemic in 8 August 2020. 35 Students of B.Sc. II year participated in this competition. This activity was a great adventure as this was 1st on line quiz which covers not only science topics but also from G. K.



2. Presentation on Nano Technology



Time: 12: 00 Noon

• **Date:** 19 August 20

• Level: College Level

Total Number of the Students: 47

Mode: Online (Google Meet)

- Learning Outcome: To aware about career opportunities in Nano Particles
- **Report:** A Presentation on Nano Technology under 'Kalam the Science Forum was held on 19th August 2020. As Nano Technology is a widely spreading technology in today's world. Total 47 students took active participation in the presentation. Due to Covid presentation was done online through Google Meet.



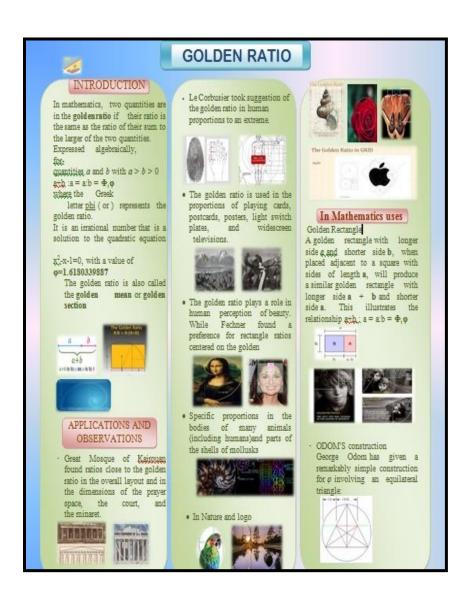
3. Flex & Poster making competition on 'Mathematics is all around us'



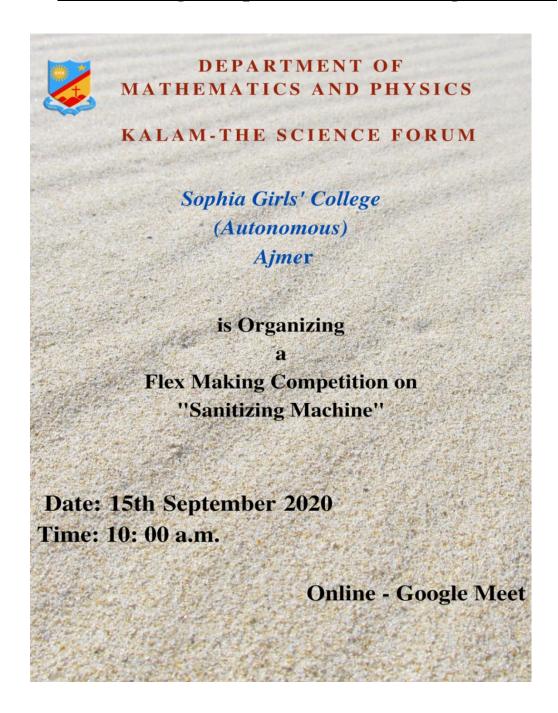
• **Date:** 10 September 20

• **Level:** College Level

- **Mode:** Online (Google Meet)
- **Learning Outcome:** Importance and Fun with Mathematics
- **Report:** An online Flex and Post making competition was organised for B.Sc. students on 10th September 2020. 41 students participated on this competition. Girls have prepared flex or poster on the different topics of Mathematics and application of Mathematics on our daily life.



4. Flex Making Competition on Sanitizing Machine



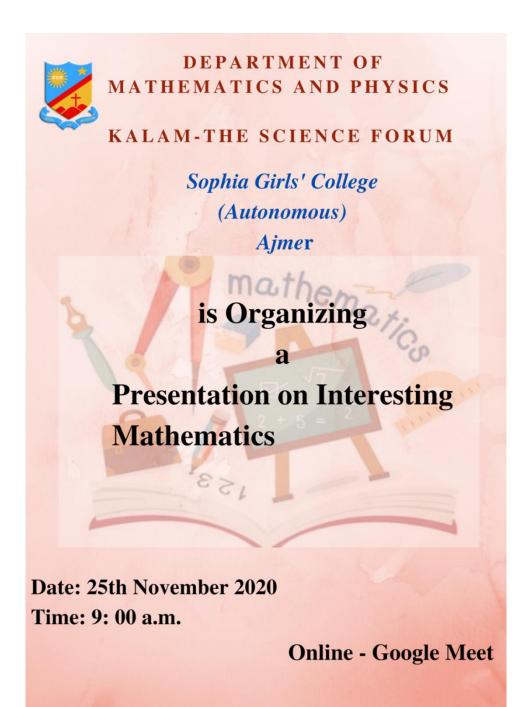
• **Date:** 15 September 20

• Level: College Level

- **Mode:** Online (Google Meet)
- Learning Outcome: Knowledge about Sanitizing Machine
- **Report:** A Flex competition was organised online on 15th September 2020 for the students of B.Sc. Maths. Flex were made on different types of Sanitizing Machine. 38 students showed their interest in this competition by taking part in competition. Students made their flex and uploaded them online which was also a new experience for the students.



5.Presentation on Interesting Mathematics



• **Date:** 25 November 20

• Level: College Level

- **Mode:** Online (Google Meet)
- **Learning Outcome:** Enhancement in the confidence and develop the interest of students in the subject
- **Report:** A Presentation was held on the topic 'Interesting Mathematics' for the students of B.Sc. Mathematics on 25th November 2020. Due to Covid the presentation was organised online through Google Meets. 48 students joined for the presentation through Google Meet.





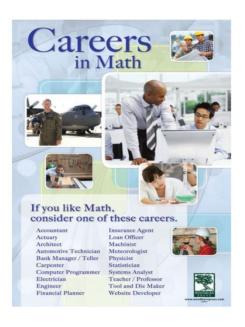
6. Presentation on Career Opportunities in Mathematics



DEPARTMENT OF MATHEMATICS AND PHYSICS

KALAM-THE SCIENCE FORUM

Sophia Girls' College (Autonomous) Ajmer



is Organizing

a

Presentation on Career Opportunities in Mathematics

Online - Google Meet

Date: 27th November 2020

Time: 9: 00 a.m.

• **Date:** 27 November 20

• Level: College Level

- **Mode:** Online (Google Meet)
- Learning Outcome: Students able to take decisions regarding their field of interest for the career
- **Report:** A Career selection is one of the toughest tasks for every student. So for students of B.Sc. Mathematics a presentation was organised on 'Career opportunities in Mathematics' by the Kalam -The Science Forum. Total 43 students attended the presentation.





7. Presentation on Application of Mathematics in <u>Different Fields</u>



KALAM-THE SCIENCE FORUM

Sophia Girls' College (Autonomous) Ajmer

is Organizing

a

Presentation on Application of Mathematics in Different Fields

Date: 4th December 2020

Time: 11: 00 a.m.

Online - Google Meet

• **Date:** 4 December 20

• Level: College Level

- Total Number of the Students: 33
- **Mode:** Online (Google Meet)
- **Learning Outcome:** Enhancement in the confidence and develop the interest of students in the subject
- **Report:** Contribution of Mathematics in every field is vast. Hence the application of Mathematics in different field has to be made known to the students. Hence a presentation was organised on 'Application of Mathematics in different fields' on 4th December 2020. Total 33 students took part in the presentation. Presentation was held on online mode through Google Meet.





8. <u>Poster Competition on Impact of COVID -19 on</u> <u>Various Aspects of Life</u>



KALAM-THE SCIENCE FORUM

Sophia Girls' College (Autonomous) Ajmer

is Organizing
Poster Competition on
Impact of COVID-19 on Various
Aspects of Life

Date: 21st December 2020

Time: 11: 00 a.m.

Online - Google Meet

• **Date:** 21 December 20

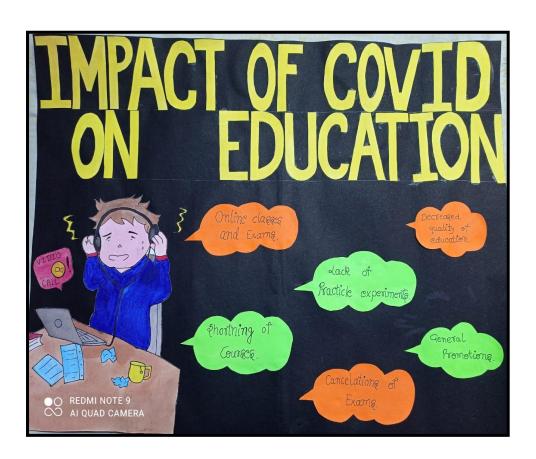
• **Level:** College Level

• Total Number of the Students: 32

• **Mode:** Online (Google Meet)

• Learning Outcome: Knowledge about impact of Covid-19

• **Report:** A poster making competition was organised by the Kalam the science forum on 21st December 2020 for the topic 'Impact of Covid 19 on various aspects of life. Total 32 students took part in the competition. Competition was organised online through Google Meet. All students took active participation in the competition and they enjoyed the competition.



9. Webinar on Career Opportunities in Biophysics



• **Date:** 22 April 2021

• Level: National Level

• **Mode:** Online (Google Meet)

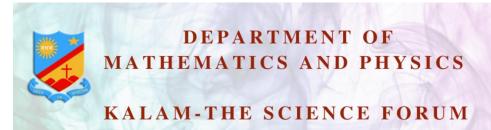
• Learning Outcome: Develop Interest in Biophysics

• **Resource person :**Dr. Aprajita Krishna, Associate Professor and Head Patna Women College (Autonomous), Patna

Contact Number: 943163251

• **Report:** Biophysics is the innovative Topic of Physics where students can approach for wide range of Job opportunities also. Dr. Aprajita Krishna Ma'am was the resource person for this seminar. She highlighted the Career opportunities in the field of Biophysics. All the students appreciated the events. With this seminar students developed an interest for the Biophysics. Total 69 students attended the seminar and it was held online through Google Meet.

10. Talent Hunt Competition



Sophia Girls'College (Autonomous) Ajmer

is Organizing
a
Talent Hunt Competition

Date: 8th May 2021

Time: 11: 00 a.m.

Online - Google Meet

• **Date:** 8 May 21

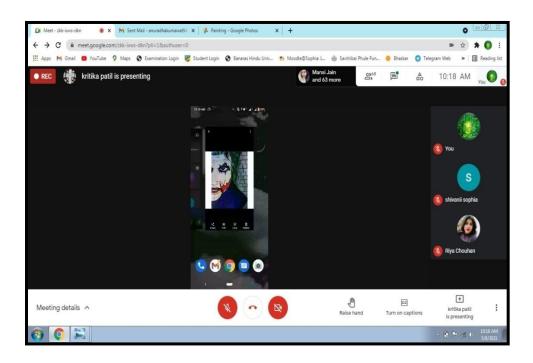
• Level: College Level

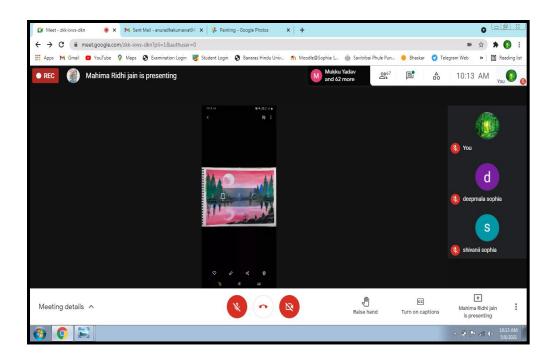
• Total Number of the Students: 75

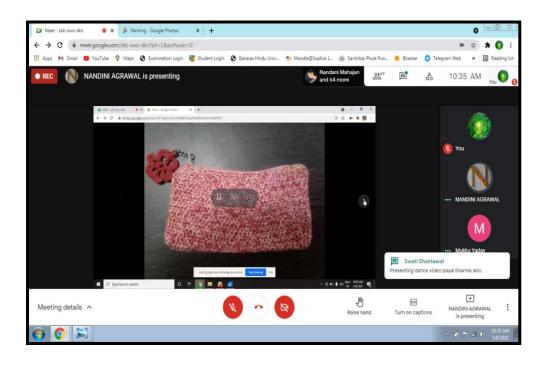
• **Mode:** Online (Google Meet)

• Learning Outcome: To overcome stress due to Lockdown

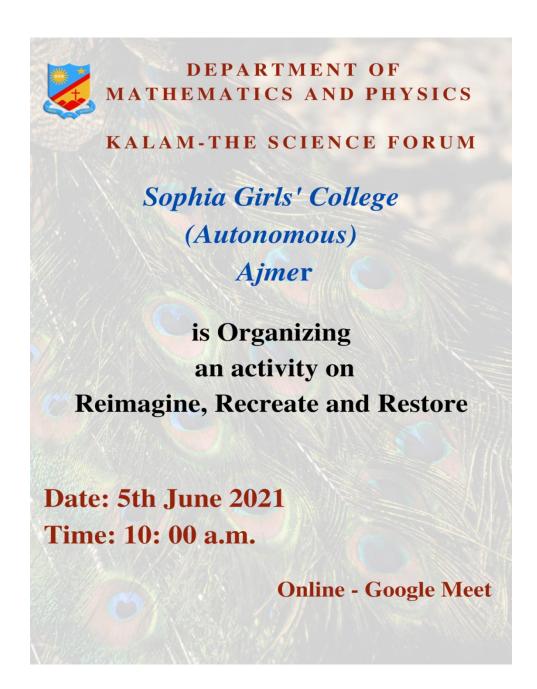
• **Report:** A Competition named as 'TALENT HUNT' was organised by Kalam – The Science Forum on 8th May 2021. Students were at home because of lockdown during the Covid. So this was a small effort by the departmental teachers for the students to overcome their stress. For the first time, students showed their talent using virtual platform by presenting their paintings, craft, dance, poem, mimicry, monoacting etc. through Google Meet. All the students took part in this event enthusiastically. Total 75 students of BSc I,IIand III year participated in this competition.







11. Activity on Reimagine, Recreate and Restore



• **Date:** 5 June 2021

• Level: College Level

• **Mode:** Online (Google Meet)

• Learning Outcome: Environmental Consciousness

• Report: Students of 'Kalam -The Science Forum' organised a presentation on World Environment Day. In this presentation students were asked to do a project in which they have to plant a seed of any fruit or vegetables a month ago and they have to capture the pictures of their growth stages every week. Then on World Environment Day, they prepared the presentation of the grown plant with its growing stages and shared it online. All the students planted many types of fruits and vegetables which made their presentation a colourful one. All enjoyed this project. Total 97 students took part in this project. Presentation was held online through Google Meet.

