

Sophia Girls' College (Autonomous), Ajmer



DEPARTMENT OF MATHEMATICS

2023-24

Activity 1

“Mathematics Puzzles”



Sophia Girls' College
(Autonomous), Ajmer

DEPARTMENT OF MATHEMATICS
UNDER THE

(RAMANUJAN-THE MATHEMATICS
FORUM)

Organizing a Mathematics Puzzles Competition

**Date: 24th Aug. 2023
Time: 11:00 a.m.**

**Venue: Room No:69,
Sophia Girls' College
(Autonomous), Ajmer**

- **Date:** 24th August 2023
- **Total Number of the Students:** 58
- **Venue:** Room No: 69, Sophia Girls' College (Autonomous), Ajmer
- **Learning Outcome:** The main outcome of this activity is the mental servicing of human minds to make them energetic.
- **Report:** Mathematics puzzles competition was organised by the department of mathematics on 24th August 2023. 58 students participated in this activity. Students showed keen interest in this activity.



Date: 12-08-2023

To
The Principal
Sophia Girls' College (Autonomous),
Ajmer
Rajasthan

Subject: Permission to organize "Mathematics Puzzles" Competition under the Ramanujan-The Mathematics Forum.

Dear Sister,

With due respect, we are seeking your permission to organize Mathematics Puzzles Competition for all the students of B.Sc./B.A./B.A. (Eco. Hons.) Mathematics. This quiz will be organized on 24 August, 2023 at 11 a.m. The aim of this event is to inculcate reasoning aptitude and improve mental ability skills.

We request you to kindly grant us permission for the same.

Thanking you

Yours sincerely

Ms. Shivani Indora

Incharge, Ramanujan Forum

Shivani
Head
**Department of Mathematics
Sophia Girls' College
(Autonomous), Ajmer**

Permitted

Sr Pease
Principal
**PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER**



Ramanujan Forum

Sophia Girls' College (Autonomous), Ajmer

Notice

Date: 18.08.2023

This is to inform you that "Ramanujan Forum" of Sophia Girls' College (Autonomous) Ajmer is organizing a "Mathematics Puzzles Competition" on 24th August 2023 for B.A./ B.A. Eco. Honours/ B.Sc. (Mathematics) students. The aim of this event is to inculcate reasoning aptitude and improve mental ability skills.

Venue: Room No. 69, Sophia Girls' College (Autonomous), Ajmer

Date: 24th August 2023

Time : 11:00 a.m



Convenor

Ms. Shivani

Head
Department of Mathematics
Sophia Girls' College
(Autonomous) , Ajmer

Sophia Girls' College (Autonomous), Ajmer

Ramanujan- The Mathematics Forum

Attendance List of B.Sc. (Mathematics)

Session: - 2023 – 2024

Title:- Mathematic Puzzule Competition

Date:- 24th August 2023

Time:- 11:00 am

Venue:- Room no. 68, Sophia Girls' College (Autonomous), Ajmer

S.No.	Class	Roll No	Student Name	Signature
1.	B.Sc. I	23521210	Akanksha Dodiya	Akanksha
2.	B.Sc. I	23521211	Archana Nath	Archana
3.	B.Sc. I	23521212	Bhanu Pradeep	Bhanu
4.	B.Sc. I	23521213	Ekta Shivran	Ekta
5.	B.Sc. I	23521214	Gargi Narooka	Left
6.	B.Sc. I	23521215	Gunjan Tarwan	Gunjan
7.	B.Sc. I	23521216	Harshita Benjamin	Harshita
8.	B.Sc. I	23521217	Jhalak Dadhich	ABSENT
9.	B.Sc. I	23521218	Kavya Sharma	ABSENT
10.	B.Sc. I	23521219	Neha	Neha
11.	B.Sc. I	23521220	Prachi Indora	ABSENT
12.	B.Sc. I	23521221	Pratibha Meghwal	Pratibha
13.	B.Sc. I	23521222	Samiya Khan	Samiya
14.	B.Sc. I	23521223	Shikha Verma	Present
15.	B.Sc. I	23521224	Suhani Kalwar	Present
16.	B.Sc. I	23521225	Yashashvi Singh	Yashashvi
17.	B.Sc. II	22041249	Aarushi Chouhan	Aarushi
18.	B.Sc. II	22041251	Anu Kumari	Anu
19.	B.Sc. II	22041253	Ayushi Sharma	ABSENT
20.	B.Sc. II	22041254	Chanchal Sharma	Chanchal
21.	B.Sc. II	22041255	Dimple Panwar	Dimple
22.	B.Sc. II	22041256	Disha Rathore	Disha
23.	B.Sc. II	22041257	Draksha Bakoliya	Draksha
24.	B.Sc. II	22041258	Harshita Rathore	Harshita
25.	B.Sc. II	22041259	Himanshi Sharma	Himanshi
26.	B.Sc. II	22041260	Iram Khanam	Iram

Head

Department of Mathematics
Sophia Girls' College
(Autonomous), Ajmer

27.	B.Sc. II	22041261	Kajol Gangwani	Kajol Gangwani
28.	B.Sc. II	22041262	Khushi Dadhich	Khushi
29.	B.Sc. II	22041263	Mahak Tak	Mahak Tak
30.	B.Sc. II	22041264	Neha Dadhich	ABSENT
31.	B.Sc. II	22041265	Neha Rajoria	Neha
32.	B.Sc. II	22041266	Pallavi Kushwaha	Pallavi
33.	B.Sc. II	22041267	Prerna Kajot	Prerna
34.	B.Sc. II	22041268	Princy	Princy
35.	B.Sc. II	22041269	Priya	Priya
36.	B.Sc. II	22041270	Priyanshi Bhadana	Priyanshi
37.	B.Sc. II	22041271	Shivani Rawat	Shivani
38.	B.Sc. II	22041272	Sufi Gouri	Sufi Gouri
39.	B.Sc. II	22041274	Teena Rawat	Teena - Rawat
40.	B.A. II	22011072	Kritika Chandel	Kritika
41.	B.Sc. III	2104278	Bharti Kanwar Rathore	Present
42.	B.Sc. III	2104279	Chandini	Chandini
43.	B.Sc. III	2104283	Harshika	Harshika
44.	B.Sc. III	2104284	Himanshi Rathore	Present
45.	B.Sc. III	2104285	Himanshi Gaur Goswami	Himanshi
46.	B.Sc. III	2104286	Joelyn Joy	ABSENT
47.	B.Sc. III	2104287	Kamakshi Tak	Kamakshi Tak
48.	B.Sc. III	2104288	Keerti Gehlot	Present
49.	B.Sc. III	2104289	Khusboo	Khusboo
50.	B.Sc. III	2104290	Kirti Soni	Kirti Soni
51.	B.Sc. III	2104291	Laveena Leclani	Present
52.	B.Sc. III	2104292	Manisha Yadav	ABSENT
53.	B.Sc. III	2104293	Monika Phulwani	Monika
54.	B.Sc. III	2104294	Prachi Chouhan	Prachi
55.	B.Sc. III	2104295	Rajeshwari Rawat	ABSENT
56.	B.Sc. III	2104296	Rakhi Saini	ABSENT
57.	B.Sc. III	2104297	Riddhima Gaur	Riddhima
58.	B.Sc. III	2104298	Rimmi Sharma	Present
59.	B.Sc. III	2104299	Ritu Yadav	Present
60.	B.Sc. III	2104300	Riya Pancholi	Riya
61.	B.Sc. III	2104302	Sejal Kanwar	Present
62.	B.Sc. III	2104303	Simran Soni	Present
63.	B.Sc. III	2104304	Sunaina Dolwani	Sunaina
64.	B.Sc. III	2104305	Veena Singh	Present
65.	B.Sc. III	2104530	Nisha Yadav	Nisha
66.	B.A. III	2101105	Manjari Chippa	Present
67.	B.A. Eco. Hons.III	2103259	Aastha Jain	Present
68.	B.A. Eco. Hons.III	2103263	Khushi Gandhi	Khushi

[Signature]
Head

Department of Mathematics
Sophia Girls' College
(Autonomous), Aimer

Sophia Girls' College (Autonomous), Ajmer



Certificate of Appreciation

This is to certify that *Nisha Yadav* of *B. Sc. (Mathematics) III Year* participated in “*Mathematic puzzle Competition*” organised by *Ramanujan - The Mathematics Forum* on *04th October 2023* during the session *2023-24*.

Shivani

Co-ordinator

S. Pearl
PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Prof. Sr. Pearl
Principal

Activity 2

“Outreach Program to Asha Bhawan”

The poster features a dark blue top section with the college name and department details, a light blue middle section with the program title, and an orange bottom section with the slogan. It includes a crest, a calendar icon, a clock icon, a location pin icon, and a graphic of hands holding a heart.

SOPHIA GIRLS' COLLEGE (AUTONOMOUS), AJMER



**DEPARTMENT OF CHEMISTRY,
MATHEMATICS AND PHYSICS
IN COLLABORATION WITH
IQAC
Organises**

**OUTREACH PROGRAM
TO
ASHA BHAWAN**

 15 December, 2023

 11:00 A.M.

 Asha Bhawan, Ajmer



HELPING HANDS

- **Date:** 15th December 2023
- **Total Number of the Students:** 42
- **Venue:** Asha Bhawan, Ajmer
- **Learning outcome:** Main outcome of this outreach Program is that student can understand their social responsibility and give their small contribution.
- **Report:** It is duty of human beings to take some steps in serving the deprived section of the society. Department of Chemistry, Physics and Mathematics in collaboration with

IQAC organised an outreach program to Asha Bhawan on 15th December 2023. 42 students and four teachers were visited there. Students and teachers of these departments donated money, sweets and fruits to the needy people there.





Date: 12-12-2023

To,
The Principal
Sophia Girls' College (Autonomous),
Ajmer
Rajasthan

Subject: Permission to organize an outreach Program to "Asha Bhawan".

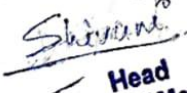
Dear Sister,

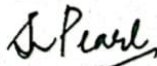
With due respect, we seek your permission to organize an outreach Program to "Asha Bhawan" under Ramanujan- The Mathematics Forum for all the students of B.Sc. Mathematics /B.A. (Mathematics)/ B.A. Eco. Hons. (Mathematics) to be scheduled on 15-12-2023. The aim of this activity is to aware the students about their duties towards specially abled person.

We request you to kindly grant us permission for the same.

Thanking you

Yours sincerely


Head
Department of Mathematics
Sophia Girls' College
(Autonomous), Ajmer


Principal
PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER



Ramanujan Forum

Sophia Girls' College (Autonomous), Ajmer

Notice

Date: 12.12.2023

This is to inform you that "Ramanujan Forum" of Sophia Girls' College (Autonomous) Ajmer is organizing an "Outreach Program to Asha Bhawan" in Collaboration with IQAC, Department of Chemistry and Physics on 15th December 2023 for B.Sc. (Mathematics) students. The aim of this event is to aware the students to understand their social responsibilities.

Venue: Asha Bhawan

Date: 15th December 2023

Time : 11:00 a.m.


Convenor
Ms. Shivani

Head
Department of Mathematics
Sophia Girls' College
(Autonomous), Ajmer

Sophia Girls' College (Autonomous), Ajmer

Ramanujan- The Mathematics Forum

Attendance List of B.Sc. (Mathematics)

Session: - 2023 – 2024


Title:- Outreach Program to Asha Bhawan

Date:- 15th December 2023

Time:- 11:00 am

Venue:- Asha Bhawan, Ajmer

S. No.	Name	Class	Roll No.	Signature
1	Gunjan Tarwan	B.Sc. (Mathematics) I Year	23521215	Present
2	Kavya Sharma	B.Sc. (Mathematics) I Year	23521218	Present
3	Suhani Kalwar	B.Sc. (Mathematics) I Year	23521224	Present
4	Neha	B.Sc. (Mathematics) I Year	23521219	Present
5	Samiya Khan	B.Sc. (Mathematics) I Year	23521222	Saniya
6	Yashashvi Singh	B.Sc. (Mathematics) I Year	23521225	Present
7	Aarushi Chouhan	B.Sc. (Mathematics) II Year	22041249	Present
8	Anu Kumari	B.Sc. (Mathematics) II Year	22041251	Anu
9	Ayushi Sharma	B.Sc. (Mathematics) II Year	22041253	Ayushi
10	Dimple Panwar	B.Sc. (Mathematics) II Year	22041255	Present
11	Disha Rathore	B.Sc. (Mathematics) II Year	22041256	Disha
12	Draksha Bakoliya	B.Sc. (Mathematics) II Year	22041257	Present
13	Harshita Rathore	B.Sc. (Mathematics) II Year	22041258	Harshita
14	Himanshi Sharma	B.Sc. (Mathematics) II Year	22041259	Himanshi
15	Kajol Gangwani	B.Sc. (Mathematics) II Year	22041261	Kajol
16	Neha Rajoria	B.Sc. (Mathematics) II Year	22041265	Neha
17	Pallavi Kushwaha	B.Sc. (Mathematics) II Year	22041266	Pallavi
18	Princy	B.Sc. (Mathematics) II Year	22041268	Princy
19	Priya	B.Sc. (Mathematics) II Year	22041269	Priya
20	Sufi Gouri	B.Sc. (Mathematics) II Year	22041272	Sufi
21	Chandini	B.Sc. (Mathematics) III Year	2104279	Chandini
22	Himanshi Gaur Goswami	B.Sc. (Mathematics) III Year	2104285	Himanshi
23	Kirti Soni	B.Sc. (Mathematics) III Year	2104290	Kirti Soni
24	Laveena Leelani	B.Sc. (Mathematics) III Year	2104291	Present
25	Monika Phulwani	B.Sc. (Mathematics) III Year	2104293	Monika
26	Prachi Chouhan	B.Sc. (Mathematics) III Year	2104294	Prachi
27	Rajeshwari Rawat	B.Sc. (Mathematics) III Year	2104295	Present


Head
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Sophia Girls' College
(Autonomous), Ajmer

28	Rakhi Saini	B.Sc. (Mathematics) III Year	2104296	Present
29	Rimmi Sharma	B.Sc. (Mathematics) III Year	2104298	Present
30	Ritu Yadav	B.Sc. (Mathematics) III Year	2104299	Present
31	Riya Pancholi	B.Sc. (Mathematics) III Year	2104300	Present
32	Simran Soni	B.Sc. (Mathematics) III Year	2104303	Present
33	Sunaina Dolwani	B.Sc. (Mathematics) III Year	2104304	Present
34	Keerti Gehlot	B.Sc. (Mathematics) III Year	2104288	Present
35	Riddhima Gaur	B.Sc. (Mathematics) III Year	2104297	Present
36	Veena Singh	B.Sc. (Mathematics) III Year	2104305	Present
37	Nisha Yadav	B.Sc. (Mathematics) III Year	2104530	Present
38	Kritika Chandel	B.A. (Mathematics) II Year	22011072	Present

Shivani
Head
Department of Mathematics
Sophia Girls' School
Autonomous



Sophia Girls' College (Autonomous), Ajmer
Social Outreach Program

"Joy of Giving"

Certificate of Appreciation

Organized by

**Department of Chemistry, Mathematics and Physics in
Collaboration with IQAC**

This is to certify that Miss Kavya Sharma of B.Sc. (Mathematics) I has participated in Social Outreach Program "Joy of Giving" to Asha Bhawan organized by Department of Chemistry, Mathematics and Physics in Collaboration with IQAC on 15th December 2023.

Prof. Sr. Pearl
Principal

Dr. Taruna Sethi
Head, Dept. of Chemistry

Activity 3

“Talk on Job Opportunities and Higher Study Perspectives after B.Sc. Mathematics”



*Sophia Girls' College
(Autonomous)
Ajmer*

**Kalam & Ramanujan
Forum jointly organizes**

**Invited Talk on
“Job Opportunities
and higher study perspectives after
B.Sc. Mathematics ”**

**Date: 31th Jan. 2024
Time: 12:00 noon**

**Venue: Room No 69 ,
Sophia Girls' College
(Autonomous), Ajmer**

- **Date:** 31st January 2024
- **Total Number of the Students: 51**
- **Venue:** Room No-69, Sophia Girls' College (Autonomous), Ajmer
- **Learning outcome:** This lecture was very fruitful for B.Sc. III Year students as they are highly benefited because they got crystal clear picture regarding higher studies and job status.
- **Report:** Kalam and Ramanujan forum jointly organised an invited talk on “Job Opportunities and Higher Study Perspectives after B.Sc. Mathematics”. 51 students of B.Sc. Mathematics have attended this activity Dr. Atul Kumar Agarwal from Government College, Nasirabad was the resource person for this talk.





Date: 29-1-2024

To,
The Principal
Sophia Girls' College (Autonomous),
Ajmer
Rajasthan

Subject: Permission to organize an "Invited Talk" under The Kalam & Ramanujan Forum.

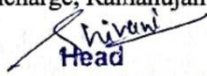
Dear Sister,

With due respect, we seek your permission to organize an activity "**invited talk**" for all the students of B.Sc. Mathematics. This activity will be organized on 31st January, 2024 at 1 p.m. The aim of this program is to provide valuable information about Job Opportunities and higher study perspectives after B.Sc. Mathematics for all our students under this stream.

We request you to kindly grant us permission for the same.

Thanking you

Yours sincerely
Dr. Shivani Indora
Incharge, Ramanujan Forum


Head
Department of Mathematics
Sophia Girls' College
(Autonomous), Ajmer


Principal
PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER



Phone : 0145-2427243

Sophia Girls College
Ajmer - 305 001
(Autonomous)

Date: 29 January, 2024

Letter of Invitation

To

Dr. Atul Kumar Agarwal
Assistant Professor,
Department of Physics
Government College, Nasirabad

Dear Sir,

It gives us immense pleasure to formally invite you to be the Resource Person on an invited talk "Job Opportunities and higher study perspectives after B.Sc. Mathematics" on 31st January 2024 for B.Sc. Mathematics students, at 1:00 p.m. in the College in room number 20.

It is our privilege to have you amongst us. Your expertise will definitely inspire and motivate the gathering.

Kind Regards

Yours sincerely

Principal

PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER



Kalam & Ramanujan Forum

Sophia Girls' College (Autonomous), Ajmer

Notice

Date: 29.1.2024

This is to inform you that "The Kalam & Ramanujan Forum" of Sophia Girls' College (Autonomous) Ajmer is organizing an "Invited Talk" on Career Aspects in Physical Sciences on 31Jan 2024 for B.Sc. Mathematics students. The aim of this program is to provide valuable information about Job Opportunities and higher study perspectives after B.Sc. Mathematics for all our students under this stream.

Venue: Room No. 30

Date: 31st January 2024

Time : 1:00 p.m

Shivani
Convenor

Dr. Shivani

**Head
Department of Mathematics
Sophia Girls' College
(Autonomous), Ajmer**

Sophia Girls' College (Autonomous), Ajmer

Ramanujan- The Mathematics Forum

Attendance List of B.Sc. (Mathematics)

Session: - 2023 – 2024

Title:- Invited Talk on "Job Opportunities and higher study perspectives after B.Sc. Mathematics."

Date:- 31st Jan. 2024

Time:- 12:00 pm

Venue:- Room no. 68, Sophia Girls' College (Autonomous), Ajmer

S.No.	Class	Roll No	Student Name	Signature
1.	B.Sc. I	23521210	Akanksha Dodiya	
2.	B.Sc. I	23521211	Archana Nath	
3.	B.Sc. I	23521212	Bhanu Pradeep	
4.	B.Sc. I	23521213	Ekta Shivran	
5.	B.Sc. I	23521214	Gargi Narooka	ABSENT
6.	B.Sc. I	23521215	Gunjan Tarwan	ABSENT
7.	B.Sc. I	23521216	Harshita Benjamin	
8.	B.Sc. I	23521217	Jhalak Dadhich	
9.	B.Sc. I	23521218	Kavya Sharma	ABSENT
10.	B.Sc. I	23521219	Neha	
11.	B.Sc. I	23521220	Prachi Indora	ABSENT
12.	B.Sc. I	23521221	Pratibha Meghwal	
13.	B.Sc. I	23521222	Samiya Khan	
14.	B.Sc. I	23521223	Shikha Verma	
15.	B.Sc. I	23521224	Suhani Kalwar	
16.	B.Sc. I	23521225	Yashashvi Singh	
17.	B.Sc. II	22041249	Aarushi Chouhan	
18.	B.Sc. II	22041251	Anu Kumari	
19.	B.Sc. II	22041253	Ayushi Sharma	
20.	B.Sc. II	22041254	Chanchal Sharma	
21.	B.Sc. II	22041255	Dimple Panwar	
22.	B.Sc. II	22041256	Disha Rathore	
23.	B.Sc. II	22041257	Draksha Bakoliya	
24.	B.Sc. II	22041258	Harshita Rathore	
25.	B.Sc. II	22041259	Himanshi Sharma	

Head
Department of Mathematics
Sophia Girls' College
(Autonomous), Ajmer

26.	B.Sc. II	22041260	Iram Khanam	
27.	B.Sc. II	22041261	Kajol Gangwani	<i>Kajol</i>
28.	B.Sc. II	22041262	Khushi Dadhich	<i>Khushi</i>
29.	B.Sc. II	22041263	Mahak Tak	Present
30.	B.Sc. II	22041264	Neha Dadhich	<i>Mahak Tak</i>
31.	B.Sc. II	22041265	Neha Rajoria	<i>Neha Dadhich</i>
32.	B.Sc. II	22041266	Pallavi Kushwaha	<i>Neha</i>
33.	B.Sc. II	22041267	Prerna Kajot	<i>Pallavi</i>
34.	B.Sc. II	22041268	Princy	<i>Prerna Kajot</i>
35.	B.Sc. II	22041269	Priya	<i>Princy</i>
36.	B.Sc. II	22041270	Priyanshi Bhadana	<i>Priya</i>
37.	B.Sc. II	22041271	Shivani Rawat	<i>Priyanshi</i>
38.	B.Sc. II	22041272	Sufi Gouri	<i>Shivani Rawat</i>
39.	B.Sc. II	22041274	Teena Rawat	<i>Sufi Gouri</i>
40.	B.A. II	22011072	Kritika Chandel	ABSENT
41.	B.Sc. III	2104278	Bharti Kanwar Rathore	ABSENT
42.	B.Sc. III	2104279	Chandini	<i>Chandini</i>
43.	B.Sc. III	2104283	Harshika	ABSENT
44.	B.Sc. III	2104284	Himanshi Rathore	<i>Harshika</i>
45.	B.Sc. III	2104285	Himanshi Gaur Goswami	<i>Himanshi</i>
46.	B.Sc. III	2104286	Joelyn Joy	ABSENT
47.	B.Sc. III	2104287	Kamakshi Tak	<i>Kamakshi Tak</i>
48.	B.Sc. III	2104288	Keerti Gehlot	ABSENT
49.	B.Sc. III	2104289	Khusboo	<i>Khusboo</i>
50.	B.Sc. III	2104290	Kirti Soni	<i>Kirti Soni</i>
51.	B.Sc. III	2104291	Laveena Leelani	ABSENT
52.	B.Sc. III	2104292	Manisha Yadav	<i>Manisha</i>
53.	B.Sc. III	2104293	Monika Phulwani	ABSENT
54.	B.Sc. III	2104294	Prachi Chouhan	ABSENT
55.	B.Sc. III	2104295	Rajeshwari Rawat	ABSENT
56.	B.Sc. III	2104296	Rakhi Saini	ABSENT
57.	B.Sc. III	2104297	Riddhima Gaur	<i>Riddhima</i>
58.	B.Sc. III	2104298	Rimmi Sharma	<i>Rimmi Sharma</i>
59.	B.Sc. III	2104299	Ritu Yadav	ABSENT
60.	B.Sc. III	2104300	Riya Pancholi	<i>Riya</i>
61.	B.Sc. III	2104302	Sejal Kanwar	<i>Sejal Kanwar</i>
62.	B.Sc. III	2104303	Simran Soni	<i>Simran</i>
63.	B.Sc. III	2104304	Sunaina Dolwani	<i>Sunaina</i>
64.	B.Sc. III	2104305	Veena Singh	<i>Veena Singh</i>
65.	B.Sc. III	2104530	Nisha Yadav	<i>Nisha Yadav</i>
66.	B.A. III	2101105	Manjari Chippa	Present
67.	B.A. Eco. Hons.III	2103259	Aastha Jain	ABSENT
68.	B.A. Eco. Hons.III	2103263	Khushi Gandhi	ABSENT

Shivani
Head
Department of Mathematics,
Sophia Girls' College
(Autonomous), Aimer

Sophia Girls' College (Autonomous), Ajmer



Certificate of Appreciation

This is to certify that ***Himanshi Sharma*** of ***B. Sc. (Mathematics) II Year*** participated in ***“Invited Talk on Job Opportunities and higher study perspectives after B.Sc. Mathematics”*** organised by ***Kalam and Ramanujan Forum*** on ***31st January 2024*** during the session ***2023-24.***

Deep mals

Co-ordinator

S. Pearl
PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Prof. Sr. Pearl
Principal

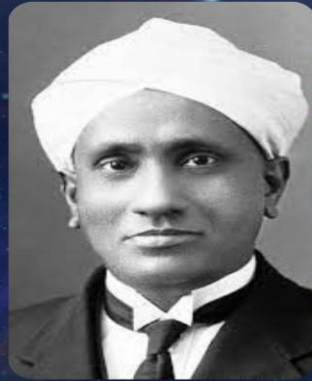
Activity 4

“Extempore Competition”



**Sophia Girls' College
(Autonomous), Ajmer**

**Kalam & Ramanujan Forum
on the occasion of
“National Science Day”
jointly organizes**



Extempore Competition on 28.02.24

**Venue: Room No 69 , Sophia Girls'
College (Autonomous), Ajmer**

Time: 1:00 p.m.

- **Date:**28th February 2024
- **Total Number of the Students:** 40
- **Venue:** Room No 69, Sophia Girls' College (Autonomous), Ajmer
- **Learning Outcome:** To create fundamental awareness about the scientific knowledge and to boost up the moral of students.
- **Report:** Kalam and Ramanujan Forum on the occasion of National Science Day jointly organised an extempore competition on 28th February 2024. 40 students have attended and 15 students spoke on different topics related to science and also on Raman Effect.





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Components
Theory

HYDRO-ELECTRICITY
Principle

PHYSICS
MATHEMATICS
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GPS Map Camera



Ajmer, Rajasthan, India
Sophia Girls College, FMG4+C7M, Jaipur Rd, Mirsali Colony, Ajmer,
Rajasthan 305001, India
Lat 26.470865°
Long 74.655199°
28/02/24 01:58 PM GMT +05:30

Date: 22-02-2024

To,
The Principal
Sophia Girls' College (Autonomous),
Ajmer
Rajasthan

Subject: Permission to organize an Extempore Competition on the occasion of National Science Day.

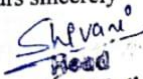
Dear Sister,

With due respect, we seek your permission to organize an **“Extempore Competition on the occasion of National Science Day”** under Ramanujan- The Mathematics Forum for all the students of B.Sc. Mathematics /B.A. (Mathematics)/ B.A. Eco. Hons. (Mathematics) to be scheduled on 28-02-2024. The aim of this activity is to develop interest of students towards new innovation in the field of Science.

We request you to kindly grant us permission for the same.

Thanking you

Yours sincerely,


Head
Department of Mathematics
Sophia Girls' College
(Autonomous), Ajmer


Principal
PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER



Ramanujan Forum
Sophia Girls' College (Autonomous), Ajmer

Notice

Date: 22.02.2024

This is to inform you that Kalam and Ramanujan Forum on the occasion of National Science Day jointly organizes an "Extempore Competition" for all the students of B.Sc. (Maths and Physics). The aim of this activity is to develop interest of students towards new innovation in the field of Science.

Venue: Room No: 69, Sophia Girls' College (Autonomous), Ajmer

Date: 28.02.2024

Time: 1:00 p.m.


Convener

Dr. Shivani

Head
Department of Mathematics
Sophia Girls' College
(Autonomous), Ajmer

Sophia Girls' College (Autonomous), Ajmer

Ramanujan- The Mathematics Forum

Attendance List of B.Sc. (Mathematics)

Session: - 2023 – 2024

Title:- Extempore Competition

Date:- 28th February 2024

Time:- 1:00 pm

Venue:- Room No 69, Sophia Girls' College (Autonomous), Ajmer

S.No.	Class	Roll No	Student Name	Signature
1.	B.Sc. I	23521210	Akanksha Dodiya	<i>Akanksha</i>
2.	B.Sc. I	23521211	Archana Nath	<i>Present</i>
3.	B.Sc. I	23521212	Bhanu Pradeep	<i>Bhanu</i>
4.	B.Sc. I	23521213	Ekta Shivran	<i>Ekta</i>
5.	B.Sc. I	23521215	Gunjan Tarwan	<i>ABSENT</i>
6.	B.Sc. I	23521216	Harshita Benjamin	<i>ABSENT</i>
7.	B.Sc. I	23521217	Jhalak Dadhich	<i>Present</i>
8.	B.Sc. I	23521218	Kavya Sharma	<i>ABSENT</i>
9.	B.Sc. I	23521219	Neha	<i>Neha</i>
10.	B.Sc. I	23521220	Prachi Indora	<i>Present</i>
11.	B.Sc. I	23521221	Pratibha Meghwal	<i>ABSENT</i>
12.	B.Sc. I	23521222	Samiya Khan	<i>Samiya</i>
13.	B.Sc. I	23521223	Shikha Verma	<i>Present</i>
14.	B.Sc. I	23521224	Suhani Kalwar	<i>Present</i>
15.	B.Sc. I	23521225	Yashashvi Singh	<i>Present</i>
16.	B.Sc. II	22041249	Aarushi Chouhan	<i>ABSENT</i>
17.	B.Sc. II	22041251	Anu Kumari	<i>Anu</i>
18.	B.Sc. II	22041253	Ayushi Sharma	<i>Ayushi</i>
19.	B.Sc. II	22041254	Chanchal Sharma	<i>ABSENT</i>
20.	B.Sc. II	22041255	Dimple Panwar	<i>ABSENT</i>
21.	B.Sc. II	22041256	Disha Rathore	<i>Disha</i>
22.	B.Sc. II	22041257	Draksha Bakoliya	<i>ABSENT</i>
23.	B.Sc. II	22041258	Harshita Rathore	<i>ABSENT</i>
24.	B.Sc. II	22041259	Himanshi Sharma	<i>ABSENT</i>
25.	B.Sc. II	22041260	Iram Khanam	<i>Iram</i>
26.	B.Sc. II	22041261	Kajol Gangwani	<i>ABSENT</i>
27.	B.Sc. II	22041262	Khushi Dadhich	<i>Present</i>
28.	B.Sc. II	22041263	Mahak Tak	<i>ABSENT</i>

Sanjiv
Head
Department of Mathematics
Sophia Girls' College
(Autonomous), Ajmer

29.	B.Sc. II	22041264	Neha Dadhich	ABSENT
30.	B.Sc. II	22041265	Neha Rajoria	Neha.
31.	B.Sc. II	22041266	Pallavi Kushwaha	Pallavi.
32.	B.Sc. II	22041267	Prerna Kajot	ABSENT
33.	B.Sc. II	22041268	Princy	ABSENT
34.	B.Sc. II	22041269	Priya	Priya
35.	B.Sc. II	22041270	Priyanshi Bhadana	Priyanshi.
36.	B.Sc. II	22041271	Shivani Rawat	Shivani
37.	B.Sc. II	22041272	Sufi Gouri	Sufi.
38.	B.Sc. II	22041274	Teena Rawat	ABSENT
39.	B.A. II	22011072	Kritika Chandel	ABSENT
40.	B.Sc. III	2104278	Bharti Kanwar Rathore	ABSENT
41.	B.Sc. III	2104279	Chandini	Chandini
42.	B.Sc. III	2104283	Harshika	Harshika
43.	B.Sc. III	2104284	Himanshi Rathore	ABSENT
44.	B.Sc. III	2104285	Himanshi Gaur Goswami	Himanshi
45.	B.Sc. III	2104286	Joelyn Joy	ABSENT
46.	B.Sc. III	2104287	Kamakshi Tak	ABSENT
47.	B.Sc. III	2104288	Keerti Gehlot	Present
48.	B.Sc. III	2104289	Khusboo	Khusboo
49.	B.Sc. III	2104290	Kirti Soni	ABSENT
50.	B.Sc. III	2104291	Laveena Leelani	Present
51.	B.Sc. III	2104292	Manisha Yadav	Manisha
52.	B.Sc. III	2104293	Monika Phulwani	Monika
53.	B.Sc. III	2104294	Prachi Chouhan	Prachi
54.	B.Sc. III	2104295	Rajeshwari Rawat	Present
55.	B.Sc. III	2104296	Rakhi Saini	Present
56.	B.Sc. III	2104297	Riddhima Gaur	ABSENT
57.	B.Sc. III	2104298	Rimmi Sharma	Present
58.	B.Sc. III	2104299	Ritu Yadav	ABSENT
59.	B.Sc. III	2104300	Riya Pancholi	Riya
60.	B.Sc. III	2104302	Sejal Kanwar	ABSENT
61.	B.Sc. III	2104303	Simran Soni	Present
62.	B.Sc. III	2104304	Sunaina Dolwani	Sunaina
63.	B.Sc. III	2104305	Veena Singh	Present
64.	B.Sc. III	2104530	Nisha Yadav	Nisha
65.	B.A. III	2101105	Manjari Chippa	ABSENT
66.	B.A. Eco. Hons.III	2103259	Aastha Jain	ABSENT
67.	B.A. Eco. Hons.III	2103263	Khushi Gandhi	ABSENT

Shivani

Head
Department of Mathematics
Sophia Girls' College
(Autonomous), Ajmer

Sophia Girls' College (Autonomous), Ajmer



Certificate of Appreciation

This is to certify that **Disha Rathore** of **B.Sc. Mathematics II Year** participated in “**Extempore Competition**” organised by **Ramanujan - The Mathematics Forum** on **28th February 2024** during the session **2023-24**.

Shivani

Co-ordinator

S. Pearl
PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Prof. Sr. Pearl
Principal

Activity 5

“Field Visit to Hindustan Zinc Mines”



Sophia Girls' College (Autonomous), Ajmer
Kalam and Ramanujan
Forum

Jointly organises Field visit to Hindustan Zinc Mines

Date: 5th April 2024
Time: 11:00AM

**Venue: Hindustan Zinc
Mines kayad, Ajmer**

- **Date:** 5th April 2024
- **Total Number of the Students:** 40
- **Venue:** Hindustan Zinc Mines, Kayad, Ajmer
- **Learning Outcome:** To create fundamental awareness about the path and knowledge of mining process.
- **Report: Report:** Kalam and Ramanujan forum jointly organised an educational visit to Hindustan Zinc Mines, Kayad, Ajmer. 40 students of B.Sc. Mathematics and 3 teachers have attended this visit. Students were highly benefited as they got hand on experience by visiting zinc mines.







Sophia Girls' College (Autonomous), Ajmer

Affiliated to MaharshiDayanandSaraswati University, Ajmer

'A+' Grade by NAAC & registered under 2(f) & 12(B) of UGC

website: sophia.college e-mail: office@sophiacollegeajmer.in, Phone No.: 0145-2427243

Address: Mirshali, Jaipur Road, Ajmer-305001, Rajasthan (India)

Permission Letter

To
The Director
Zinc Mines (Kayad)
Ajmer

Subject: Permission for visiting the Zinc Mines on 5 April 2024.

Dear Sir

This is to request you to permit 18 students of B.Sc Maths accompanied by 3 staff members for a visit to your Zinc mine at kayad, Ajmer. Kindly allow us to visit the mines on 5 April 2024. This is a part of our curriculum and students will be preparing a report on the same.

Thanking you for your concern and co-operation.

Thanking you

Yours sincerely

Prof. Sr. Pearl

(Principal)
PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Dr. Deepmala Singhal

Associate Professor & Head Physics



Kalam and Ramanujan Fourm
Sophia Girls' College (Autonomous), Ajmer

Notice

Date: 1.04.2024

This is to inform you that Kalam and Ramanujan Forum organizing a Field visit to "Hindustan Zinc Mines", Kayad Ajmer on 5th April 2024 for the students of B.Sc. (Maths and Physics). The activity will help our students to aware about the path and knowledge of mining Process.

Assembling Point: Sophia Girls' College (Autonomous), Ajmer

Date: 5.04.2024

Time: 9:00 a.m.

Head
Department of Mathematics
Sophia Girls' College
(Autonomous), Ajmer

Sophia Girls' College (Autonomous), Ajmer
Kalam and Ramanujan Forum
Attendance List of B.Sc. (Mathematics)
Session: - 2023 – 2024

Title:- Zinc Mines Visit

Date:- 05th April 2024

Time:- 11:00 am

Venue:- Zinc Mine, Kayad , Ajmer

S.No.	Class	Roll No	Student Name	Age	Signature
1.	B.Sc. II	22041251	Anu Kumari	20	Anu
2.	B.Sc. II	22041266	Pallavi Kushwaha	19	Pallavi
3.	B.Sc. II	22041269	Priya	19	Priya
4.	B.Sc. II	22041270	Priyanshi Bhadana	19	(Priyanshi)
5.	B.Sc. III	2104279	Chandini	20	Chandini
6.	B.Sc. III	2104284	Himanshi Rathore	20	H Rathore
7.	B.Sc. III	2104285	Himanshi Gaur Goswami	21	Himanshi
8.	B.Sc. III	2104287	Harshika	19	Harshika
9.	B.Sc. III	2104290	Kirti Soni	21	Kirti
10.	B.Sc. III	2104292	Manisha Yadav	19	Manisha
11.	B.Sc. III	2104293	Monika Phulwani	21	monika
12.	B.Sc. III	2104294	Prachi Chouhan	20	Prachi
13.	B.Sc. III	2104295	Rajeshwari Rawat	20	Rajeshwari
14.	B.Sc. III	2104296	Rakhi Saini	20	Rakhi
15.	B.Sc. III	2104302	Sejal Kanwar	19	Sejal Kanwar
16.	B.Sc. III	2104304	Sunaina Dolwani	21	Sunaina
17.	B.Sc. III	2104305	Veena Singh	21	Veena Singh
18.	B.Sc. III	2104530	Nisha Yadav	20	Nisha Yadav
19.	Bsc III		Khushboo	20	Khushboo
20.	Bsc III		Simran	21	Simran

Deepmala

Head
Department of Physics
Sophia Girls' College
(Autonomous), Ajmer

Shivani

Head
Department of Mathematics
Sophia Girls' College
(Autonomous), Ajmer

Sophia Girls' College (Autonomous), Ajmer



Certificate of Appreciation

This is to certify that **Pallavi Kushwaha** of **B.Sc. Mathematics II Year** participated in “**Field Visit to Hindustan Zinc Mines**” organised by **Kalam - The Physics Forum** and **Ramanujan - The Mathematics Forum** on **5th April 2024** during the session **2023-24**.

Deep mals

Co-ordinator

S. Pearl
PRINCIPAL
SOPHIA GIRLS' COLLEGE
(AUTONOMOUS)
AJMER

Prof. Sr. Pearl
Principal