

Department of Mathematics and Statistics
Internship done by PG 1st year students
Report

The students of 1st year M. Sc Mathematics enrolled for a 2 day internship program offered by Kerala School of Mathematics, Calicut in the name” KSoM Special Seminars” . This was done as an Ability Enhancement Course (MTH1A01) which was part of their curriculum. On 14th July 2022, T. R. Govindarajan, faculty of the Institute of Mathematical Sciences provided a workshop on “Physics and Maths of braids and knots” and on 15th July 2022, he rendered a talk on the topic “Snippets from the history of Science in Ancient India”.

Objectives:


- To understand several developments, biological questions of Physics as well Mathematics in Braids and Knots.
- To understand the achievements and failures of Mathematics in Astronomy as well as Architecture.
- To get to know certain unsolved problems in both the areas.

Methodology:-

On both days, the first session was to provide a basic idea of the respective subjects. Then they were taught how to analyze the biological questions and define those problems. They were asked to approach the problem through different perspectives and finally abstract answers were given to the already solved problems. They could also understand the unsolved problems of both the areas.

Outcomes:-

- The internship gave an understanding of two new areas of Mathematics which are closely related to real life.
- It inculcated an interest in the students to explore various applications of Mathematics in real life.
- It gave the students an exposure to the unsolved problems in the subject.


Aiswarya Paul
Assistant Professor
H.O.D of Mathematics
Providence Women's College
Calicut-673009

Minutes of the Department meeting held on 19/08/2021

Agenda

1. Farewell to Ms. Dona Alex.
2. Distribution of duties among faculties.
3. Involvement of PG students in department programs.
4. Miss a meal for Onam.
5. Mentor / Mentee system.
6. Uploading of AQAR of 2020-21 and 2019-20 academic years.
7. Internship for 1st year PG students.

1. Farewell to Ms. Dona Alex :

Ms. Dona Alex, a faculty of the Department of Mathematics from June 2020 is being admitted to PhD in the Department of Mathematics, NIT Trichy. She thus wished to discontinue the profession and hence was given an informal farewell by the rest of the faculties of the department. She was wished by the teachers for her new venture also.

2. Distribution of duties :

The documentation duty for NAAC is as follows:

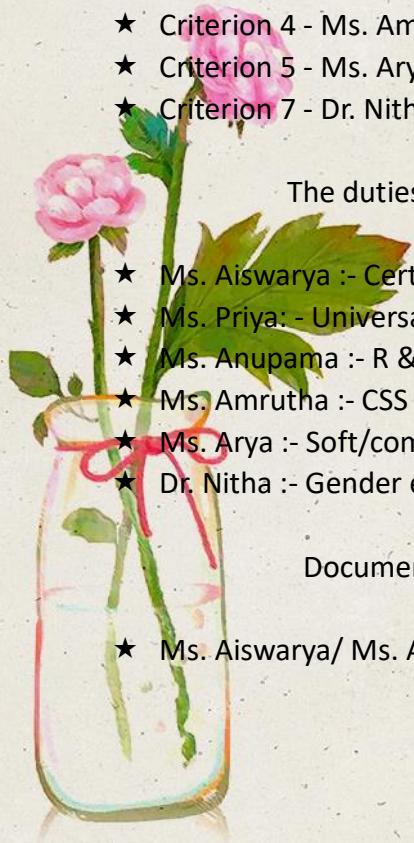
- ★ Criterion 1 - Ms. Aiswarya Paul
- ★ Criterion 2 - Ms. Priya K
- ★ Criterion 3 - Ms. Anupama P
- ★ Criterion 4 - Ms. Amrutha P. S.
- ★ Criterion 5 - Ms. Arya P.
- ★ Criterion 7 - Dr. Nitha Niralda P. C.

The duties of hosting programs are as follows:

- ★ Ms. Aiswarya :- Certificate Courses, National/International days, subject talks
- ★ Ms. Priya :- Universal values
- ★ Ms. Anupama :- R & D activities, Alumnae programs
- ★ Ms. Amrutha :- CSS activities, National/ International days
- ★ Ms. Arya :- Soft/communication skills, career guidance/competative exams
- ★ Dr. Nitha :- Gender equity, Environmental issues, Social responsibility

Documentation of other main files of the department:

- ★ Ms. Aiswarya/ Ms. Arya :- Council meeting minutes, Department meeting minutes,



Association book, Log book, Students council meeting minutes

- ★ Ms. Priya :- Visitor's book
- ★ Ms. Anupama :- Special class register, Website
- ★ Ms. Amrutha :- Library in charge, reading for visually impaired
- ★ Dr. Nitha :- Remedial Class Register

3. Involvement of PG students :

Decided to create a whatsapp group for the whole department including faculties, UG students and PG students to ensure the involvement of every member of the department.

4. Miss a meal:

As part of miss a meal activity to help the needy, it was decided to collect a minimum of 10 and maximum of 50 Rs from each student and the amount faculties wish to contribute so as to buy essential items to the inmates of Mayo home/ the students of Parambil Bazar AMLP school.

5. Mentor/Mentee system:

Decided to divide students of PG into groups of 20-25 and the students of UG into groups of 25 - 30 and assign a teacher to each group for the effective mentoring of the little ones.

6. Uploading of AQAR:

The google forms of the AQAR of 2020-21 academic year should be ready by September 12th (since we have IQAC visit from September 15th) after which we start uploading AQAR of 2019-20 and finish the process by October 27th (since we have IQAC visit from November 1st).

7 Internship:

Decided to send 1st year PG students to Kerala School of Mathematics for an internship for the completion of the Ability Enhancement Course.

Ms. Aiswarya Paul



Ms. Anupama P.




Dr. Nitha Niralda P. C.



1st M. Sc Mathematics(2021-22)

Sl. No.	Name of the Student
1	AARDRA T P
2	AJANYA K P
3	ANAGHA B R
4	ANUSREE P P
5	ARCHANA A V
6	ASWATHY K
7	DEEPIKA D
8	DILSHANA SHERIN
9	FATHIMA LUBNA E
10	HARITHA G
11	HASNA V A
12	HUSNA
13	LISANA P
14	MARJANA K
15	NAJIYA T K C
16	NIHALA FARHATH P T
17	RAFEENA
18	RAMSHINA S N
19	RAMYA K P
20	RIZVANA K
21	SREELAKSHMI M


Aiswarya Paul
Assistant Professor
H.O.D of Mathematics
Providence Women's College
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KSoM Special Seminars

14 July 2022 - 15 July 2022

Certificate

This is to certify that

Aardra T P, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
Mathematics, Kozhikode.



Kalyan Chakraborty
Prof. Kalyan Chakraborty
Director



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Ajanya K P, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
Mathematics, Kozhikode.



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Anagha B R, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
Mathematics, Kozhikode.



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Anusree P P, M.Sc. Mathematics student, Providence Women's College, Kozhikode
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Archana A V, M.Sc. Mathematics student, Providence Women's College, Kozhikode
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Aswathy K, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
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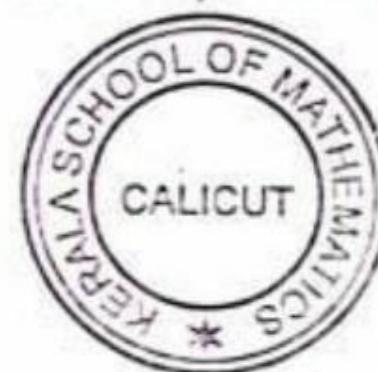
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Deepika D, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
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Dilshana Sherin, M.Sc. Mathematics student, Providence Women's College, Kozhikode has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of Mathematics, Kozhikode.




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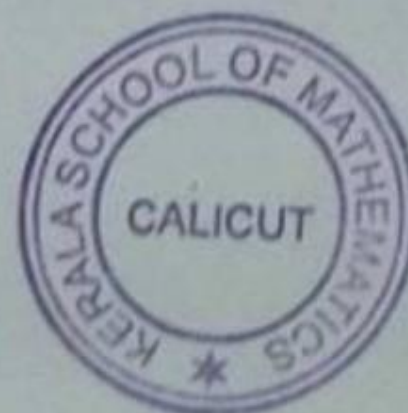
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Fathima Lubna, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
Mathematics, Kozhikode.



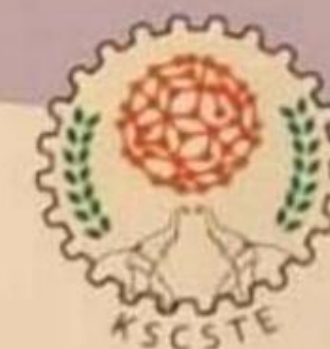
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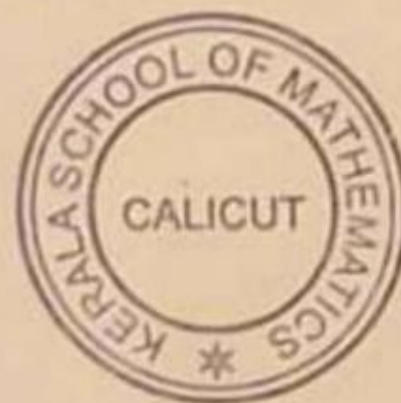
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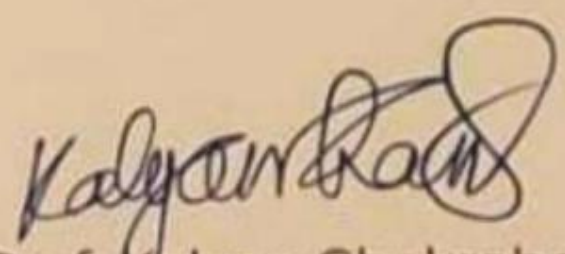
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Haritha G, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
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Hasna V A, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
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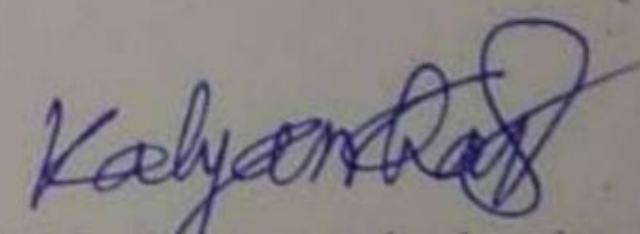
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Husna, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
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Lisana P, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
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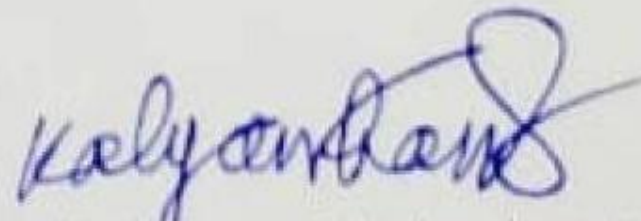
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Marjana, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
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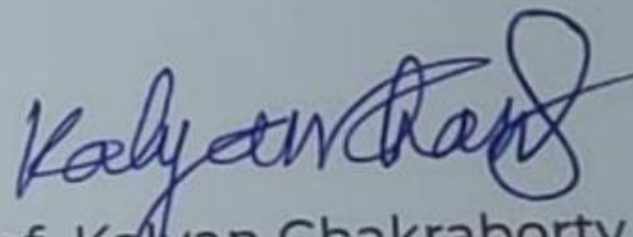
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Najiya T K C, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
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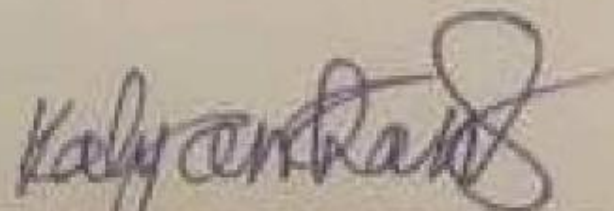
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Nihala Farhath, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
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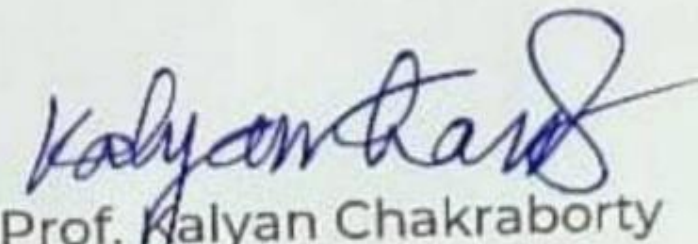
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Ramshina S N, M.Sc. Mathematics student, Providence Women's College, Kozhikode
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Ramya K P, M.Sc. Mathematics student, Providence Women's College, Kozhikode
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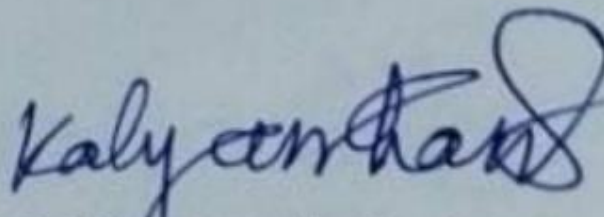
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Rizvana K, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
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This is to certify that

Sree Lakshmi M, M.Sc. Mathematics student, Providence Women's College, Kozhikode
has attended KSoM Special Seminars on 14th July, 2022 and 15th July, 2022 at Kerala School of
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Prof. Kalyan Chakraborty
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