



# MAR THOMA COLLEGE FOR WOMEN PERUMBAVOOR

*3.2.2 Number of Workshops, Seminars, Conferences Including on Research Methodology, Intellectual Property Rights (IPR) and Entrepreneurship Conducted*



## CRITERION 3

**RESEARCH, INNOVATIONS AND EXTENSION**

**2020-2021**



**3.2.2 Number of Workshops, Seminars, Conferences Including on Research Methodology, Intellectual Property Rights (IPR) and Entrepreneurship Conducted During Last Five Years**

Sl. No	Name of the Workshop/ Seminar	Nature of Programme	Number of Participants/ Beneficiaries	Organizing Department	Date From - To	Page No
1	Archaeology in Practice	Research Methodology	98	History	14/07/2020	5
2	Quantum Magnetism in Honeycomb Lattices	Research Methodology	40	Physics		12
3	Exciting And Challenging Trends Of Mathematical Research	Research Methodology	108	Mathematics	12/11/2020	17
4	How to Formulate a Statement of Problems	Research Methodology	30	Commerce (Computer Application)	28/11/2020	25
5	Introduction to Reactor Physics	Research Methodology	40	Physics	5/12/2020	29
6	Understanding Numismatics as a Source of History	Research Methodology	111	History	18/11/ 2020	35
7	Hold a Drop: Sanitizer Preparation	Entrepreneurship Development	35	Chemistry	16/6/2020 to 17/6/2020	43
8	On Confronting History	Research Methodology	111	History	9/11/2020	48
9	Research Design and Research Paper Writing	Research Methodology	23	Zoology	21/08/2020-22/08/2020	55

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Principal - in - charge  
Mar Thoma College For Women  
Perumbavoor - 683 542





# MAR THOMA COLLEGE FOR WOMEN, PERUMBAVOOR

(Affiliated to Mahatma Gandhi University, Kottayam. Re - Accredited by **NAAC** with 'B+')

Kerala 683 542  
 0484 2522723  
 Fax 0484 2520823  
 E mail : mtcwpbr@yahoo.in

10	Research Methodology & Statistics	Research Methodology	35	Commerce (Finance and Taxation)	09/09/2020	60
11	Quantitative Research: Surveys & Experiments	Research Methodology	19	Zoology	17/07/2020	65
12	Research Methodology for Social Science	Research Methodology	29	Commerce (Computer Application)	11/11/2020	69
13	The Secret of How to Think Like an Entrepreneur	Entrepreneurship Development	70	Commerce (Finance and Taxation)	27/1/2021	73
14	Iron Age in Kerala: An Archaeologist's Perspective	Research Methodology	98	History	10/08/2020	79
15	Towards New Terrains: Context and Contestations of the Past	Research Methodology	111	History	23/1/2021	88
16	Understanding Data	Research Methodology	35	History	27/1/2021	95
17	Learning Mathematics from Research Perspective	Research Methodology	82	Mathematics	1/10/2021	82

*[Handwritten Signature]*  
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### **3.2.2:**

***Number of Workshops, Seminars, Conferences Including on Research Methodology, Intellectual Property Rights (IPR) and Entrepreneurship Conducted During Last Five Years***



## Archaeology in Practice

<b>Programme</b>	<b>Archaeology in Practice</b>
<b>Organizer</b>	<b>History</b>
<b>Resource Person</b>	<b>Prathapachandran S, Associate Professor, Archaeology, Department of Archaeology, M. S. University, Baroda</b>
<b>Date and Year</b>	<b>14/08/2020</b>
<b>Duration</b>	<b>10.30 am to 12.30 pm</b>
<b>Beneficiaries</b>	<b>98 Students, Teachers</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• <b>To provide an insight into the various aspects of archaeology</b></li> <li>• <b>To know how it can be applied in practice</b></li> <li>• <b>To understand the significance of archaeological sites</b></li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• <b>The students were able to practically understand the methods and techniques used by archaeologists in their research</b></li> </ul>

### Report

Dept of History has organized a national webinar on “Archeology in Practice” The chief resource person was Dr. Prathapachandran S, Associate



Professor in Archaeology, Department of Archaeology, M. S. University, Baroda. The objective of the workshop was to introduce students to the field of archaeology and its practice. The workshop began with a brief introduction about the history of archaeology and its various aspects. Prathapachandran discussed how archaeological research is conducted, the different techniques and methods used, the various tools and equipment used, the importance of studying the past, and the significance of archaeological sites.

He also discussed the various challenges faced by archaeologists while conducting research. The workshop then shifted its focus to practical aspects of archaeology. Prathapachandran explained to the students the various techniques of excavation, surveying, and mapping. He also discussed the importance of laboratory analysis and how it can help in the interpretation of the findings. He also discussed the importance of conservation of archaeological sites and the need to protect them from potential damage. The workshop was concluded with a discussion about the current trends in the field of archaeology and the various opportunities available for students to get involved in research. Prathapachandran also discussed the need for interdisciplinary collaboration in the field of archaeology to ensure that valuable research is conducted in a timely manner.

Overall, the workshop was very informative and it was a great learning experience for the students who attended. This workshop gave the students an insight into the various aspects of archaeology and how it can be applied in practice. The students were also able to gain an understanding of the methods and techniques used by archaeologists in their research.



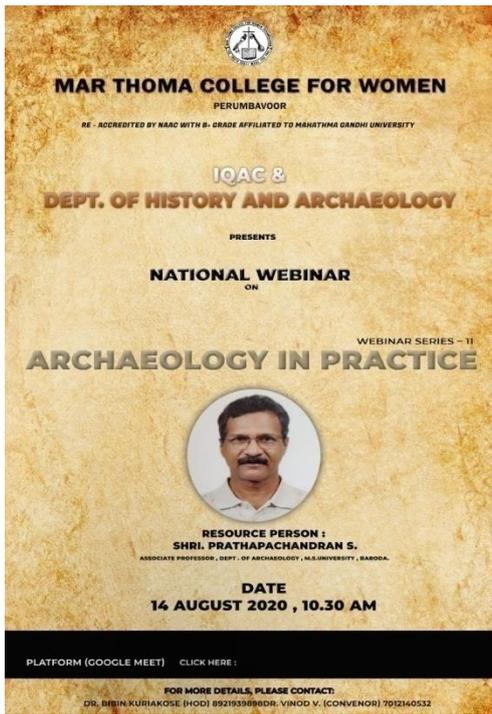


Figure 1: Brochure



Figure 2: Screen Shot of the Programme



## List of Participants

Sl. No	Name of the Student
1	Fathima M.P
2	HaneesaParween PKP
3	Jeena Johnson
4	Payal Kumari
5	RemyaSandosh
6	Safarina .M Mahin
7	Aisha Marwa
8	Amalendu ER
9	Amina M.T
10	AnaghaE.R
11	AneenaV.A
12	Angala Mol Davis
13	Anjitha Ravi
14	Anju Varghese
15	Anumol Mani
16	AswathyN.A
17	AthiraK.T
18	AthulyaSasi
19	BibinaV.B
20	BibinshaT.I
21	Bini Eldhose
22	Fasna M.M
23	Jainu Paul
24	Josmy John
25	Keerthi T.S
26	Lakshmi K.V
27	Merin Mathews
28	Nasrin V.M
29	Nejuma Muhammad
30	Rahi Mani
31	Safrina A.M



32	Soja Mathayi
33	Theofilsa Mathew
34	Varsha Sunil
35	Vismaya Sasi

36	Alkha Lakshmi
37	Anna Jose
38	Asna Ashraf
39	Devaki M
40	E K Krishnapriya
41	Fathima E B
42	Gopika G R
43	Riya P A
44	Abheendra V S
45	Anugraha A U
46	Anusree Rajan K B
47	Arathi C S
48	Ardhra Sivan
49	Arya Kk
50	Arya Udayan
51	Ashna P A
52	Asna Ashraf V A
53	Aswathi K S
54	Athira Biju
55	Chandini P J
56	Chris Antony
57	Eathal Kt
58	Fasila Basheer
59	Fathima Mi
60	Fathima Sakariya
61	Fathimathu Sadiya
62	Gouri B S
63	Husna M M
64	Jyothy Lakshmi Suresh K



65	Krishnapriya R
66	Meenusree K S
67	Mufeeda Akbar
68	Nandana A S
69	Neslin T N
70	NoufiyaNooh
71	Sandra Sani
72	Siyana A
73	Soufiya K K
74	UmmulkulsoomEa
75	Vijisha P
76	Vismaya K V
77	Aasiya N
78	Ardhra Ravi
79	Asna K Ajas
80	Farsana Usman
81	Fathima P A
82	Gopika T G
83	Hasanath N A
84	Naciya Mole K A
85	Sara Farsana
86	ShahanasBeegum P S
87	Suriya V S
88	Vidya S L
89	Akhila P S
90	Aleena Jose
91	Aleena Mariya
92	Angel Lalu
93	Anna Poulouse
94	Ansin Ajmal
95	Anusha R
96	Ashna Jiji
97	Aswathy E T
98	Aswathy V S



99	Ayisha K M
100	Diya Supri
101	Emil Alias
102	Esther P
103	Fasnamol Shereef
104	Fathima Shabanam M R
105	Karthika S
106	Sandra K M
107	Shimi George
108	Sona Biju
109	Swathy Suresh
110	Varsha C
111	Zulfa Salim



# Quantum Magnetism in Honeycomb Lattices

<b>Programme</b>	<b>Quantum Magnetism in Honeycomb Lattices</b>
<b>Organizer</b>	<b>Physics</b>
<b>Resource Person</b>	<b>Dr. Hari Nair, Assistant Professor, Department of Physics, University of Texas at El Paso, USA</b>
<b>Date and Year</b>	<b>16/6/2020</b>
<b>Platform</b>	<b>Google Meet</b>
<b>Duration</b>	<b>10 am to 12 pm</b>
<b>Beneficiaries</b>	<b>40</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• <b>To understand models for quantum magnetism in honeycomb lattices</b></li> <li>• <b>To study the applications of quantum magnetism</b></li> <li>• <b>To generate the practical potential of quantum magnetism</b></li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• <b>The students were able to pursue further research in quantum magnetism</b></li> </ul>

## Report

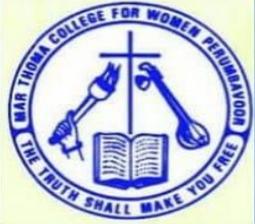
An online webinar was organised on “Quantum Magnetism in Honeycomb Lattices”, by the IQAC and Department of Physics at SRM University on 16th June 2020, was attended by an audience of over 160



participants. The seminar was conducted by Dr. Hari Nair, an Assistant Professor at the University of Texas, El Paso, USA. During the seminar, Dr. Nair started off by introducing the concept of quantum magnetism and how it applies to honeycomb lattices.

He explained the differences between ferromagnetic and anti ferromagnetic interactions between spins and showed how these interactions can result in a variety of magnetic configurations. He then went on to discuss the models for quantum magnetism in honeycomb lattices and their applications. Dr. Nair also discussed several theoretical and experimental methods for studying quantum magnetism in honeycomb lattices. He focused on several numerical techniques such as the Quantum Monte Carlo, Density Matrix Renormalization Group, and Exact diagonalization. He also discussed several physical properties such as the spin susceptibility, correlation functions, and quantum phase transitions. At the end of the seminar, Dr. Nair took questions from the audience and answered them in detail. He concluded by summarizing the key takeaways of the seminar and stated that quantum magnetism in honeycomb lattices is a fascinating field of study that has great potential for further research. He also urged the audience to pursue further research in this field.





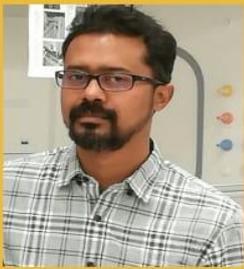
**MAR THOMA COLLEGE FOR WOMEN  
PERUMBAVOOR**

RE-ACCREDITED BY NAAC WITH B+ GRADE  
(AFFILIATED TO MAHATMA GANDHI UNIVERSITY)

**IQAC & DEPT. OF PHYSICS  
Presents**

**Research Methodology Seminar (Online)  
International Seminar Series 1**

**TOPIC : QUANTUM MAGNETISM IN HONEYCOMB  
LATTICES**



**Resource Person : Dr. Hari Nair**  
Assistant Professor  
The University of Texas  
El Paso TX, USA

**Registration Link : <https://forms.gle/Hx5kDD9c3d8kgZfh7>**

**16 JUNE 2020  
9 AM**

For more details, contact  
Dr. Anupama P, Mob : 8086790321

**Figure 2: Brochure of the Programme**



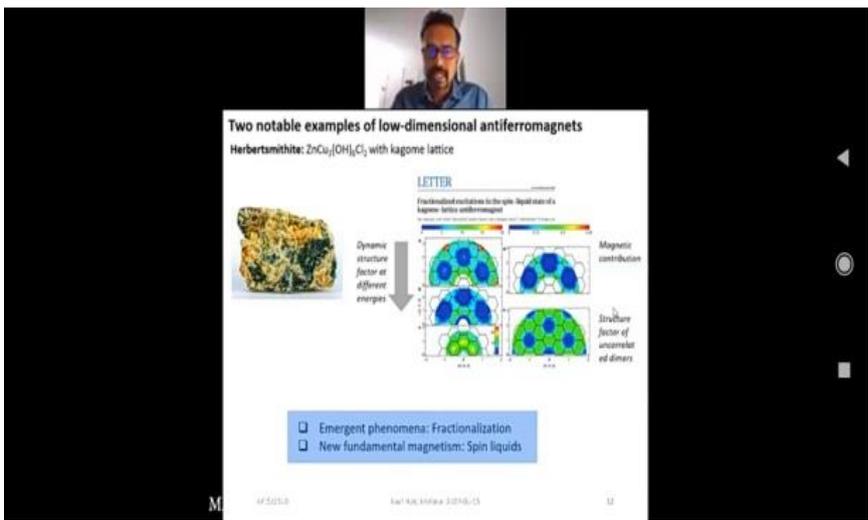


Figure 2: Screen Shot of the Programme

**List of Participants**

Sl. No	Name of the student
1	Linta Jose
2	Aneeja George
3	Arya Sivan
4	Annmaryia Philip
5	Aksa Jose
6	Arsha S Kumar
7	Jinu John
8	Jeny Rose Job
9	Varsha M Vijay
10	Haseena
11	Devika
12	Kishnendu
13	Anjana Ajith
14	Niya Merrin Mathew
15	Dona Mariam Roy
16	Prasthutha Pavithran
17	Binitha Baby
18	Anitha Thomas



19	Namitha K B
20	Alfina Jabbar
21	Karthika Das
22	Sulfath T S
23	Annmaria Jose
24	Soofiya Sudheer
25	Smija Reji
26	Fasna T Moosa
27	Aslamia K S
28	Sara Abey
29	Anagha Joy
30	Ahasana A Razak
31	Shifana C N
32	Najwa K A
33	Anjima K P
34	Sameena Parvin
35	Anju K Rajan
36	Steji P B
37	Akhina K Sudheesh
38	Anu Paul
39	Fathima Hamsa
40	Fathima T S



## Exciting and Challenging Trends of Mathematical Research

<b>Title of the Programme</b>	<b>Exciting And Challenging Trends Of Mathematical Research</b>
<b>Organizing Department</b>	<b>Mathematics</b>
<b>Resource Person</b>	<b>Dr. Ambat Vijayakumar, Emeritus Professor, CUSAT</b>
<b>Date</b>	<b>12/11/2020</b>
<b>Platform</b>	<b>Google Meet</b>
<b>Duration</b>	<b>10.30 a.m. to 12.30 p.m.</b>
<b>Number of Participants</b>	<b>108</b>
<b>Objective</b>	<ul style="list-style-type: none"> <li>• <b>To Introduce students new areas of research in mathematics</b></li> <li>• <b>To identify the scope of new areas of mathematical research including quantum computing, topology, and differential geometry</b></li> <li>• <b>To create innovative solutions in Mathematical research</b></li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• <b>The students were equipped students in understanding of the world and solving real-world problems</b></li> </ul>



## Report

The Department of Mathematics organized a seminar on “Exciting and Challenging Trends of Mathematical Research” by Dr. Ambat Vijayakumar, Emeritus Professor, CUSAT, on 12th November 2020 at 10:30 am. The seminar focused on the current trends and challenges in mathematical research and their implications for the future of the field. Dr. Ambat Vijayakumar began the seminar by highlighting the importance of mathematics in various fields, including science, engineering, and economics. He then discussed the current trends in mathematical research, including the development of new algorithms, the application of mathematical modeling to complex systems, and the use of data-driven approaches in mathematics.

Dr. Ambat Vijayakumar also discussed the challenges facing the field of mathematics, including the need to bridge the gap between pure mathematics and its applications in the real world, the need to address the gender imbalance in the field, and the challenge of communicating mathematical ideas to a broader audience. Dr. Ambat Vijayakumar then discussed some of the exciting new areas of research in mathematics, such as quantum computing, topology, and differential geometry. He explained how these areas of research are pushing the boundaries of mathematical knowledge and have the potential to transform various fields, including cryptography, physics, and computer science.

In conclusion, Dr. Ambat Vijayakumar emphasized the importance of mathematical research in advancing our understanding of the world and solving real-world problems. He encouraged researchers to continue to explore new areas of mathematics and to collaborate with other fields to create innovative



solutions. The seminar was informative and provided valuable insights into the current trends and challenges facing mathematical research.



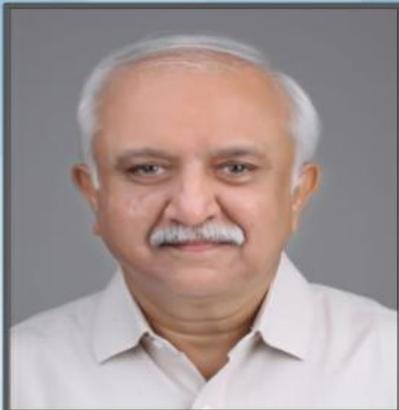


# MAR THOMA COLLEGE FOR WOMEN PERUMBAVOOR

RE-ACCREDITED BY NAAC WITH B+ GRADE  
(AFFILIATED TO MAHATMA GANDHI UNIVERSITY)

PG DEPARTMENT OF MATHEMATICS

## MATHEMATICS ASSOCIATION [2020-21] INAUGURATION & WEBINAR ON “EXCITING AND CHALLENGING TRENDS OF MATHEMATICAL RESEARCH”



**Resource Person**  
**Dr. AMBAT VIJAYAKUMAR**  
Emeritus Professor,  
Department of Mathematics,  
CUSAT

12 NOVEMBER 2020  
THURSDAY  
TIME: 10.30 AM  
PLATFORM : GOOGLE MEET



### CONVENORS:

Dr. Gigi George (HoD & Principal-in-Charge)  
Ms. Emilda Sebastian (Association-in-Charge)  
Ms. Maria Mini Eldhose (Association Secretary)

Figure 3: Seminar - Brochure



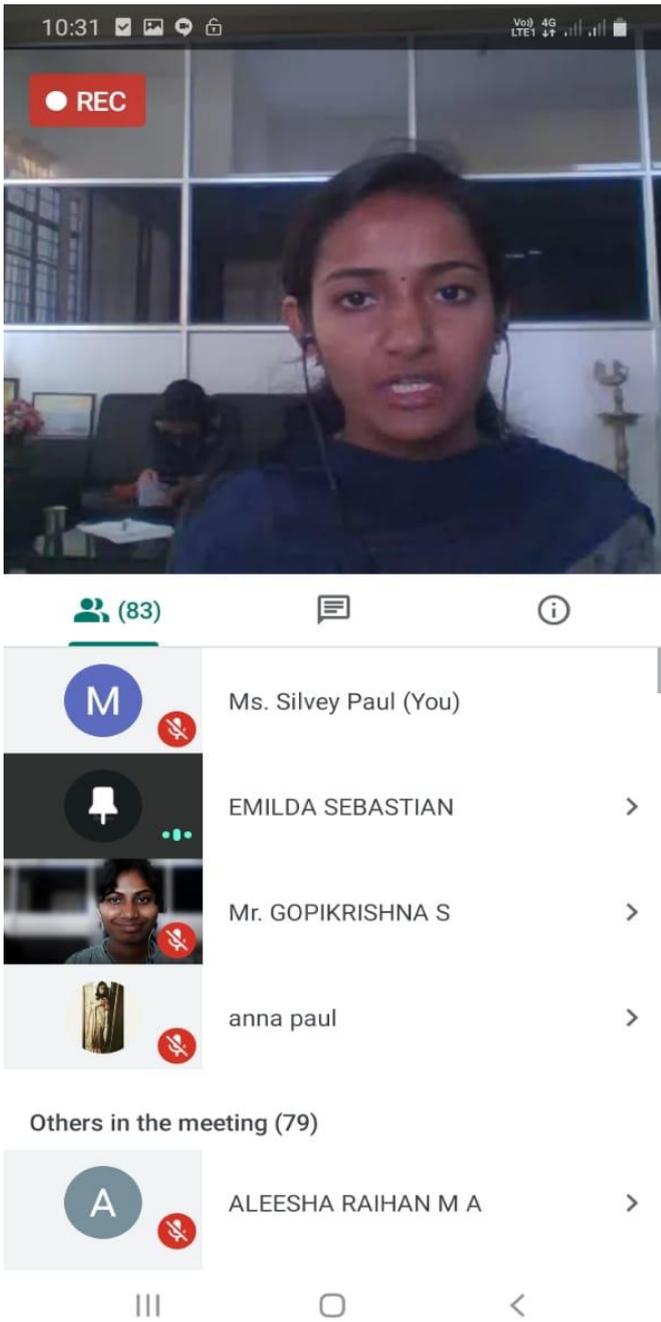


Figure 2: Seminar – Brochure

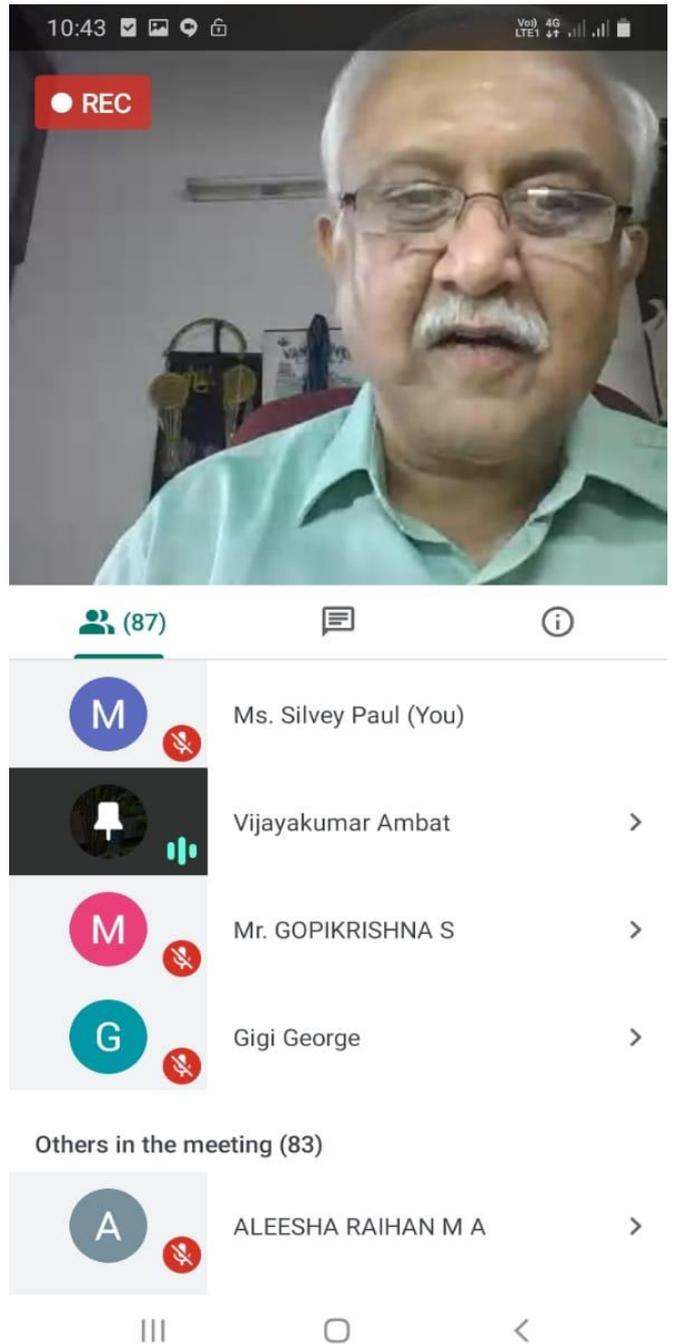


Figure 3: Seminar - Brochure



## List of Participants

Sl. No	Name of the student
1	AMALA MATHEW
2	ANJU ELDHO
3	ASWATHY S
4	ATHIRA C PRAKASH
5	FEMY ANNA VARGHESE
6	GIFTY DOMANIC
7	IRFANA ISMATH K J
8	JOSEFINA JOSEPH
9	JYOTHIS EAPEN
10	KRISHNAPRIYA M R
11	NAFSIYA C B
12	RESHMA K K
13	SREELAKSHMI T A
14	WILSY MARIAM PHILIP
15	AMRITHA T S
16	ANAGHAMOL P U
17	ATHULYA BALAN
18	JOMOL JOY
19	MARIA THOMAS
20	NAYANA ASOKAN
21	ROSEMOL M SUNNY
22	SETHULAKSHMI K M
23	SHONCY SANTHOSH
24	SUMAYYA VEERAS
25	THASNEEM P S
26	AMI LIYANA U M
27	ANAKHA K P
28	ANNA PAUL
29	ANUSHA K B
30	APARNA A FRANCIS
31	ASHNA SALIM
32	DISNA XAVIER
33	EHUSANA K B
34	ELSA FRANCIS
35	FARZANA P G
36	FATHIMA M S
37	JOMOL BABU
38	NAUJATH V M



39	AMRITHA T S
40	ANAGHAMOL P U
41	ATHULYA BALAN
42	JOMOL JOY
43	MARIA THOMAS
44	NAYANA ASOKAN
45	ROSEMOL M SUNNY
46	SETHULAKSHMI K M
47	SHONCY SANTHOSH
48	SUMAYYA VEERAS
49	THASNEEM P S
50	AMI LIYANA U M
51	ANAKHA K P
52	ANNA PAUL
53	ANUSHA K B
54	APARNA A FRANCIS
55	ASHNA SALIM
56	DISNA XAVIER
57	EHUSANA K B
58	ELSA FRANCIS
59	FARZANA P G
60	FATHIMA M S
61	JOMOL BABU
62	NAUJATH V M
63	ANCY MATHEW
64	ANJANA M M
65	ANU A A
66	APARNA S KARTHA
67	ASWATHY MONEY
68	CHAITHANYA CHANDRAN
69	ELSA VARGHESE
70	FEBI MARIUM BABU
71	FOUSIYA RASHEED
72	MAYA PHILIPOSE
73	NINIYA K ELDHO
74	PRIYA BABU
75	REEMA BABY
76	RESHMA V A
77	SNEHA RADHAKRISHNAN
78	ADHEENA VARGHESE
79	AHILA HARI
80	ANAGHA V. R
81	ANAKHA JOSE
82	ANJALI VALSAN
83	ANJALY SIVADASAN



84	ANN MARY SANTY
85	ANSY SEBASTIAN
86	ASHITHA KAREEM
87	ASHNA ARAMTHURUTHIL KOYAN
88	ASNA K. A
89	ATHIRA VENUGOPAL
90	DEEPTHI RAJENDRAN
91	DONA MARIYA JOY
92	DONIYA LAIJU
93	GANALATHA
94	GREESHMA KRISHNAN
95	GREESHMA RAJAN
96	INARANI
97	JEBNA K JALEEL
98	KEERTHY RAJENDRAN
99	LINNY BENNY
100	NOEL KURIEN
101	PARVATHY V.G
102	PRAVEENA P.S
103	RAHMATH T.A
104	RAMLATH C.P
105	RAMSEENA P.A
106	RUSHDA V.A
107	SHAHANA C.K
108	SOYA JOY



## How to Formulate a Statement of Problems

<b>Title of the Programme</b>	<b>How to Formulate a Statement of Problems</b>
<b>Organizing Department</b>	<b>Commerce (Computer Application)</b>
<b>Resource Person</b>	<b>Anish B Baskaran, Head and Assistant Professor of the Department of Commerce at Saintgits College for Applied Science, Pathamuttom, Kottayam</b>
<b>Date and Year</b>	<b>28/11/2020</b>
<b>Platform</b>	<b>Google Meet</b>
<b>Duration</b>	<b>10.30 a.m. to 11.30 a.m.</b>
<b>Number of Participants</b>	<b>30</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• <b>To promote research writing aptitude among the Under Graduate degree students</b></li> <li>• <b>To formulate a statement of problem</b></li> <li>• <b>To define the scope and limitation of research</b></li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• <b>This seminar helped the students to understand and scrutinize the various sources for a historical study</b></li> </ul>

### Report

A webinar was organized by Dept of Commerce on “How to formulate a statement of problem” and the resource person of the seminar was Anish B Baskaran, Head and Assistant Professor of the Department of Commerce at

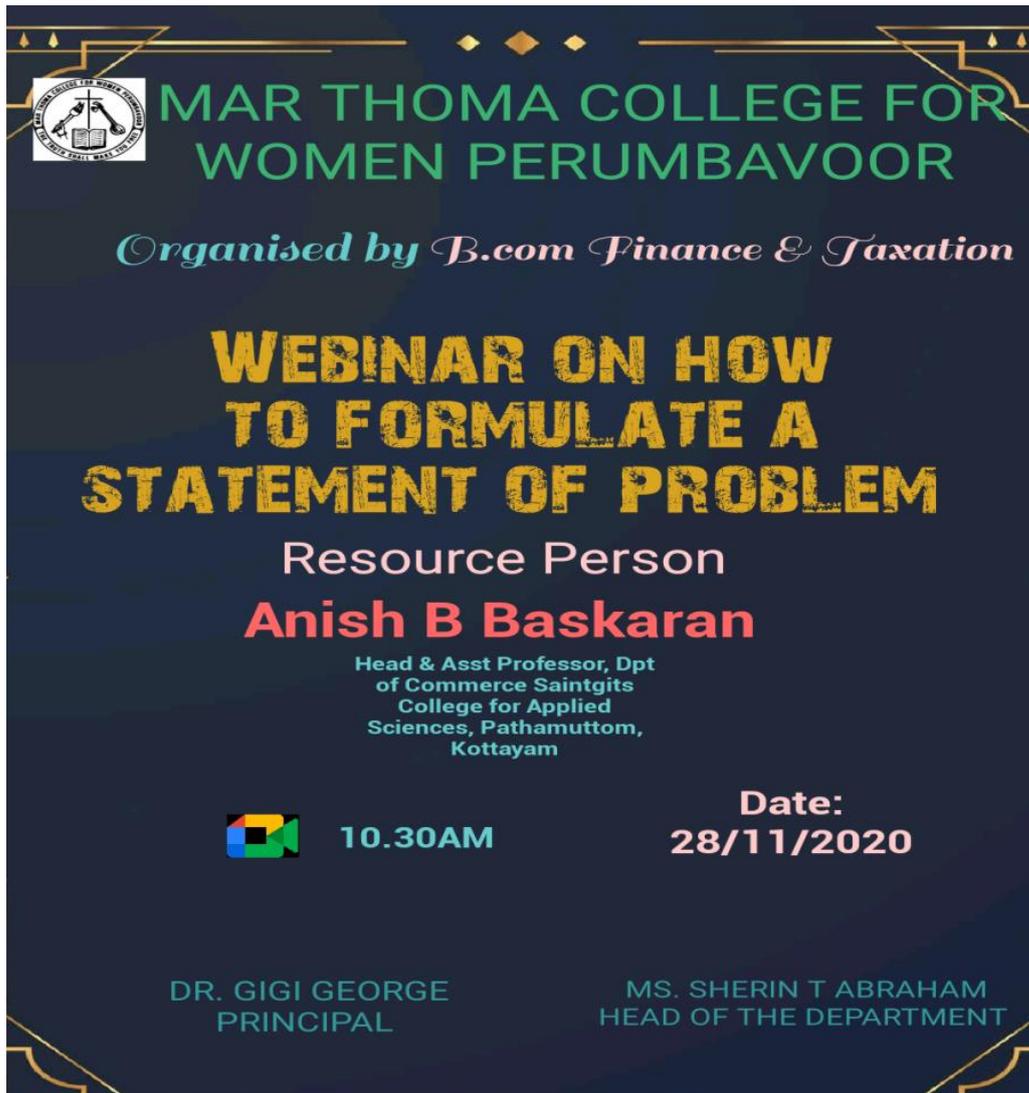


Saintgits College for Applied Science, Pathamuttom, Kottayam. The webinar focused on how to formulate a statement of problems in research. Anish discussed the importance of formulating the statement of problem and its components. He discussed the various steps involved in formulating a problem statement such as identifying research objectives and research questions, selecting a research design, describing the population, and defining the scope and limitation of the research.

Anish also stressed the importance of using appropriate language when formulating the problem statement. He highlighted the use of both active voice and passive voice in formulating the problem statement. He also discussed the importance of using appropriate research terminology when writing the problem statement.

The webinar was well received and appreciated by the participants. The participants were provided with an opportunity to ask questions and clarify their doubts. The webinar concluded with a Q&A session and the participants were provided with useful tips and suggestions by Anish on formulating a statement of problem.





 **MAR THOMA COLLEGE FOR  
WOMEN PERUMBAVOOR**

*Organised by B.com Finance & Taxation*

**WEBINAR ON HOW  
TO FORMULATE A  
STATEMENT OF PROBLEM**

Resource Person  
**Anish B Baskaran**

Head & Asst Professor, Dpt  
of Commerce Saintgits  
College for Applied  
Sciences, Pathamuttom,  
Kottayam

 **10.30AM** **Date:  
28/11/2020**

DR. GIGI GEORGE  
PRINCIPAL

MS. SHERIN T ABRAHAM  
HEAD OF THE DEPARTMENT

Figure 4: Event Brochure



## List of Participants

Sl. No	Name of the student
1	ABHIRAMI K. R
2	ALFIYA MUHAMMED
3	ANJALA BABU
4	ANUPAMA RAJU
5	APARNA A. S
6	ARATHY MANOJ
7	AZNAMOL K. M
8	JOSNA P. J
9	KATHEEJA NAZEER
10	KEERTHANA T VIJAY
11	MANJU MANI
12	MANJU P. B
13	MEHA PARVEEN K. A
14	MIRSANA SALIM
15	NIKHITHA PAULACHAN
16	RESEENA K. R
17	REVATHY SUKUMARAN
18	ROSHNA ANIL
19	SARIKA SURESH
20	SUHARA P. R
21	SYAMA K. S
22	AKAMSHA SANTHOSH
23	ALEENA K. A
24	FARZANA A SALIM
25	FATHIMA FARSANA T. A
26	FATHIMA NAZRIN M.N
27	FOUSIYA V ZAKEER
28	JOSEENA JOSE
29	PUNNYA BIJU
30	SREENIDHI P. B



# Introduction to Reactor Physics

<b>Programme</b>	<b>Introduction to Reactor Physics</b>
<b>Organizer</b>	<b>Physics</b>
<b>Resource Person</b>	<b>Dr. Neethu Hanna Stephen , Scientific officer E, IGCAR, Kalpakkam</b>
<b>Date and Year</b>	<b>5/12/2020</b>
<b>Platform</b>	<b>Google Meet</b>
<b>Duration</b>	<b>10 am to 12 am</b>
<b>Beneficiaries</b>	<b>40</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• <b>To use the simulation software with caution in order to avoid any mistakes</b></li> <li>• <b>To get valuable instruction from an industry guide</b></li> <li>• <b>To study the fundamental concepts related to nuclear physics</b></li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• <b>The students got valuable insight into the research methodology in material simulations</b></li> </ul>

## Report

The Department of Physics at Mar Thoma College for Women, Perumbavoor, organized an Association Inauguration for the academic year



2020-21, along with a talk on "Introduction to Reactor Physics." The event took place on 5th December 2020 at 10.00 am via the Google Meet platform.

The esteemed Chief Guest and Resource Person for the event was Dr. Neethu Hanna Stephen, a Scientific Officer E at IGCAR (Indira Gandhi Centre for Atomic Research), Kalpakkam. Her expertise in reactor physics made her an ideal speaker to enlighten the attendees about this important field. The event was presided over by Dr. Anupama P., the Head of the Department of Physics. Dr. Melv Chandy, the Association In-charge, and Akina K Sudheesh, the Association Secretary, also played vital roles in coordinating the event.

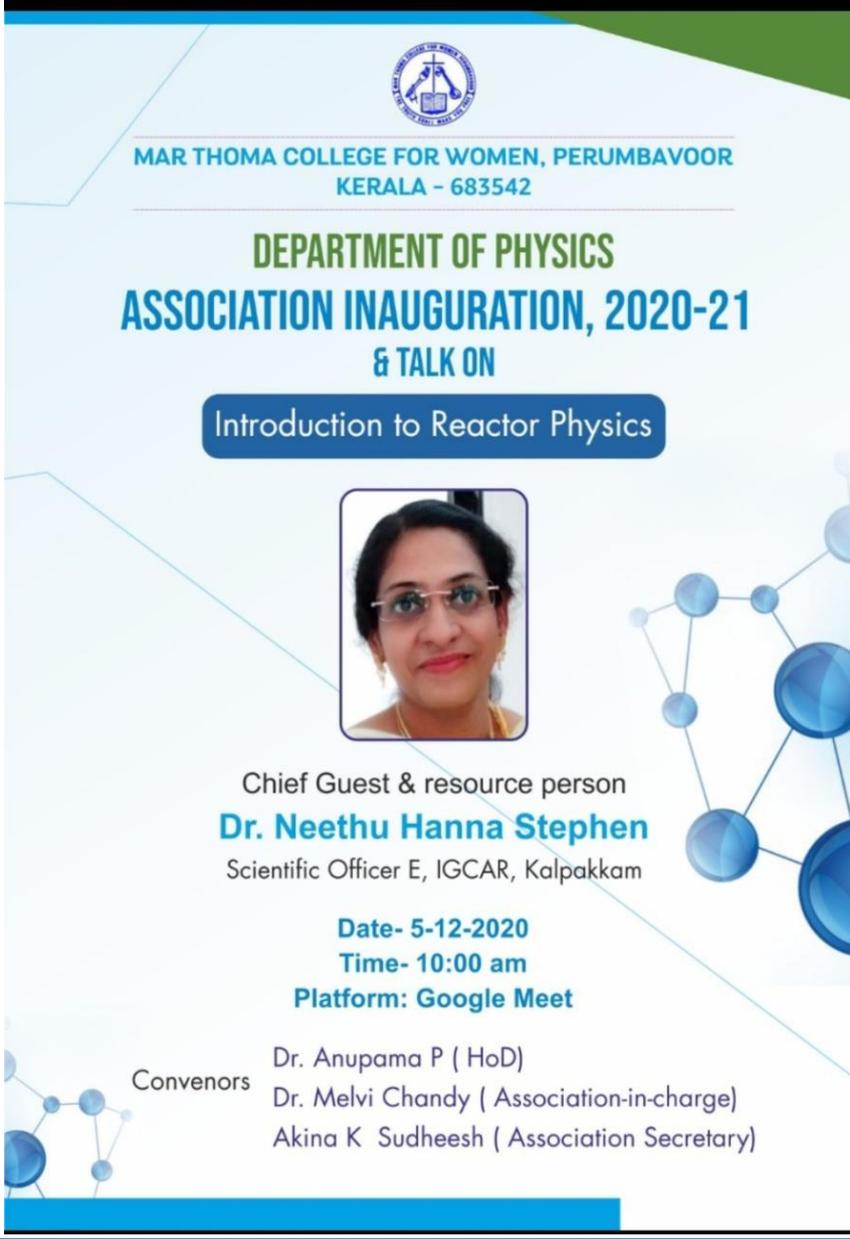
The online platform allowed participants to join the event from different locations, ensuring a wide and diverse audience. The Google Meet platform provided a seamless and interactive experience for everyone involved. Dr. Neethu Hanna Stephen commenced her talk by providing a comprehensive introduction to reactor physics. She explained the fundamental concepts and principles underlying the field, giving attendees a solid foundation for further exploration. Dr. Stephen's expertise and clear communication style made the topic accessible and engaging for both students and faculty members.

The talk delved into various aspects of reactor physics, including nuclear reactions, reactor design, and the role of neutrons in sustaining a controlled chain reaction. Dr. Stephen used visual aids, diagrams, and real-life examples to illustrate complex concepts, ensuring that the audience could grasp the material effectively. The event provided an excellent opportunity for the attendees to gain valuable insights from an industry expert and expand their knowledge in the field of reactor physics. Participants actively engaged with Dr. Stephen during the Q&A session, asking thought-provoking questions and seeking clarifications on specific topics.



The Association Inauguration and talk on Introduction to Reactor Physics concluded successfully, leaving the attendees enriched with new knowledge and a deeper understanding of the subject. The event served as a testament to the commitment and dedication of the Department of Physics at Mar Thoma College for Women in providing quality education and promoting intellectual growth among students. Special thanks are extended to Dr. Anupama P., Dr. Melvi Chardy, and Akina K Sudheesh for their efforts in organizing the event and ensuring its smooth execution. The Department of Physics looks forward to organizing more such enlightening events in the future, fostering a spirit of scientific exploration and innovation among its students and faculty members.





  
MAR THOMA COLLEGE FOR WOMEN, PERUMBAVOOR  
KERALA - 683542

**DEPARTMENT OF PHYSICS**  
**ASSOCIATION INAUGURATION, 2020-21**  
**& TALK ON**

**Introduction to Reactor Physics**



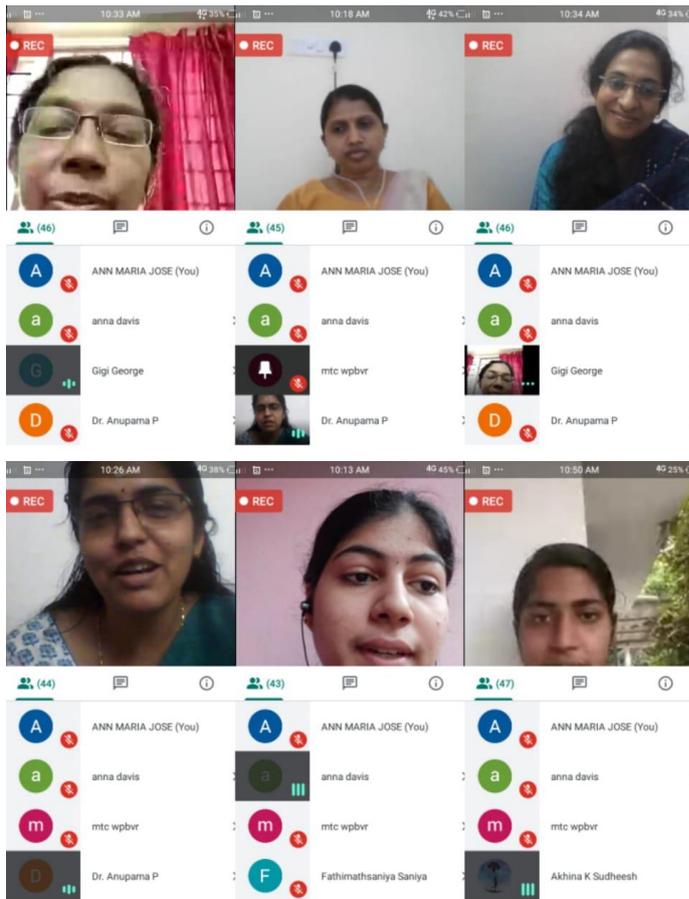
Chief Guest & resource person  
**Dr. Neethu Hanna Stephen**  
Scientific Officer E, IGCAR, Kalpakkam

**Date- 5-12-2020**  
**Time- 10:00 am**  
**Platform: Google Meet**

Convenors  
Dr. Anupama P ( HoD)  
Dr. Melvi Chandy ( Association-in-charge)  
Akina K Sudheesh ( Association Secretary)

**Figure 5: Brochure of the Programme**





**Figure 2: Screen Shot of the Programme**

## List of Participants

Sl. No	Name of the student
1	Linta Jose
2	Aneeja George
3	Arya Sivan
4	Annmariya Philip
5	Aksa Jose
6	Arsha S Kumar
7	Jinu John
8	Jeny Rose Job



9	Varsha M Vijay
10	Haseena
11	Devika
12	Kishnendu
13	Anjana Ajith
14	Niya Merrin Mathew
15	Dona Mariam Roy
16	Prasthutha Pavithran
17	Binitha Baby
18	Anitha Thomas
19	Namitha K B
20	Alfina Jabbar
21	Karthika Das
22	Sulfath T S
23	Annmaria Jose
24	Soofiya Sudheer
25	Smija Reji
26	Fasna T Moosa
27	Aslamia K S
28	Sara Abey
29	Anagha Joy
30	Ahasana A Razak
31	Shifana C N
32	Najwa K A
33	Anjima K P
34	Sameena Parvin
35	Anju K Rajan
36	Steji P B
37	Akhina K Sudheesh
38	Anu Paul
39	Fathima Hamsa
40	Fathima T S



# Understanding Numismatics as a Source of History

<b>Programme</b>	<b>Understanding Numismatics as a Source of History</b>
<b>Organizer</b>	<b>History</b>
<b>Resource Person</b>	<b>Dr. Danish Moin, Associate Professor and Head in History, Maulana Azad National Urdu University, Hyderabad</b>
<b>Date and Year</b>	<b>18/11/ 2020</b>
<b>Platform</b>	<b>Google Meet</b>
<b>Duration</b>	<b>11 am to 1.00 pm</b>
<b>Beneficiaries</b>	<b>111 Students, Teachers</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To provide the students an insight into the various aspects of numismatics</li> <li>• To familiarize students regarding the practicality of numismatics</li> <li>• To understand the limitations of numismatics as a source</li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• The students were able to gain an understanding of the methods and techniques used by archaeologists in their research</li> </ul>

## Report

The Department of History, Mar Thoma College for Women, organized an enthralling workshop on “Understanding Numismatics as a Source of



History” on 18th November 2020 in the college auditorium. The workshop was conducted by Dr. Danish Moin, Associate Professor and Head in History, Maulana Azad National Urdu University, Hyderabad. The workshop commenced with a brief introduction to the subject of numismatics, its relevance and its applications in historical research.

Dr. Moin discussed the importance of coins in historical studies and how it helps in understanding the timeline of a period. He also discussed the different kinds of coins and their features, such as the shape, size, weight, and the symbols used on them. Dr. Moin then went on to discuss the various methods of numismatic research, such as the classification of coins based on their chronological period, the study of the mint marks, and the various ways of dating coins. He also showed the audience a few examples of coins from different periods and discussed their origin and significance. The workshop concluded with a Q&A session, where the audience had a chance to ask questions and gain further insight into the topic. The workshop was well-received by the audience and was deemed a success.





**MAR THOMA COLLEGE FOR WOMEN  
PERUMBAVOOR**

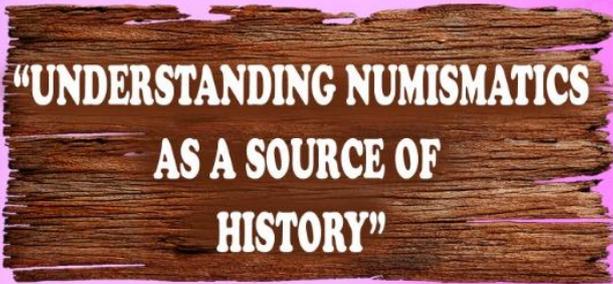
( RE-ACCREDITED BY NAAC WITH B+ GRADE AFFILIATED TO MAHATHMA GANDHI UNIVERSITY )

**DEPARTMENT OF HISTORY AND ARCHAEOLOGY  
PRESENTS**

**Orientation National  
Webinar-2**



**Resource Person : Dr. Danish Moin**  
Associate Professor and Head, Department of History,  
Maulana Azad National Urdu University, Hyderabad.



**“UNDERSTANDING NUMISMATICS  
AS A SOURCE OF  
HISTORY”**



**18<sup>th</sup> NOVEMBER 2020**



**11 AM**



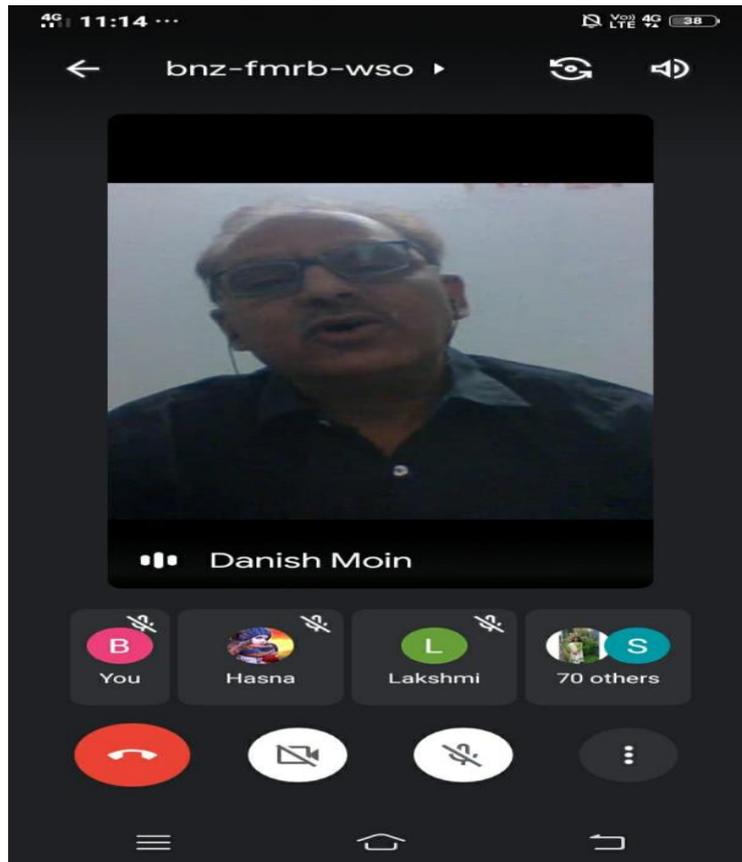
**( Platform : Google Meet )**

FOR MORE DETAILS, PLEASE CONTACT

<p><b>Dr. BIBIN KURIAKOSE</b> (HOD) 8921939898</p>	<p><b>Dr. VINOD V.</b> (CONVENOR) 7012140532</p>
--	--

**Figure 6- Brochure**





**Figure 2- Screenshot of the Webinar**

### **List of Participants**

Sl. No	Name of the Student
1	Fathima M.P
2	Haneesa Parween PKP
3	Jeena Johnson
4	Payal Kumari
5	Remya Sandosh
6	Safarina .M Mahin
7	Aisha Marwa
8	Amalendu ER



9	Amina M.T
10	Anagha E.R
11	Aneena V.A
12	Angala Mol Davis
13	Anjitha Ravi
14	Anju Varghese
15	Anumol Mani
16	Aswathy N.A
17	Athira K.T
18	Athulya Sasi
19	Bibina V.B
20	Bibinsha T.I
21	Bini Eldhose
22	Fasna M.M
23	Jainu Paul
24	Josmy John
25	Keerthi T.S
26	Lakshmi K.V
27	Merin Mathews
28	Nasrin V.M
29	Nejuma Muhammad
30	Rahi Mani
31	Safrina A.M
32	Soja Mathayi
33	Theofilsa Mathew
34	Varsha Sunil
35	Vismaya Sasi

36	Alkha Lakshmi
37	Anna Jose
38	Asna Ashraf
39	Devaki M
40	E K Krishnapriya
41	Fathima E B



42	Gopika G R
43	Riya P A
44	Abheendra V S
45	Anugraha A U
46	Anusree Rajan K B
47	Arathi C S
48	Ardhra Sivan
49	Arya Kk
50	Arya Udayan
51	Ashna P A
52	Asna Ashraf V A
53	Aswathi K S
54	Athira Biju
55	Chandini P J
56	Chris Antony
57	Eathal Kt
58	Fasila Basheer
59	Fathima Mi
60	Fathima Sakariya
61	Fathimathu Sadiya
62	Gouri B S
63	Husna M M
64	Jyothy Lakshmi Suresh K
65	Krishnapriya R
66	Meenusree K S
67	Mufeda Akbar
68	Nandana A S
69	Neslin T N
70	Noufiya Nooh
71	Sandra Sani
72	Siyana A
73	Soufiya K K
74	Ummulkulsoom Ea
75	Vijisha P



76	Vismaya K V
77	Aasiya N
78	Ardhra Ravi
79	Asna K Ajas
80	Farsana Usman
81	Fathima P A
82	Gopika T G
83	Hasanath N A
84	Naciya Mole K A
85	Sara Farsana
86	Shahanas Beegum P S
87	Suriya V S
88	Vidya S L
89	Akhila P S
90	Aleena Jose
91	Aleena Mariya
92	Angel Lalu
93	Anna Poulouse
94	Ansin Ajmal
95	Anusha R
96	Ashna Jiji
97	Aswathy E T
98	Aswathy V S
99	Ayisha K M
100	Diya Supri
101	Emil Alias
102	Esther P
103	Fasnamol Shereef
104	Fathima Shabanam M R
105	Karthika S
106	Sandra K M
107	Shimi George
108	Sona Biju
109	Swathy Suresh



110	Varsha C
111	Zulfa Salim



## Hold a Drop: Sanitizer Preparation

<b>Title of the Programme</b>	<b>Hold a Drop: Sanitizer Preparation</b>
<b>Organizing Department</b>	<b>Chemistry</b>
<b>Resource Person</b>	<b>Ms. Kezia Susan K, Assistant Professor, Mar Thoma College for Women, Perumbavoor</b>
<b>Date</b>	<b>16/6/2020 to 17/6/2020</b>
<b>Venue</b>	<b>Chemistry Lab</b>
<b>Duration</b>	<b>Two Days</b>
<b>Number of Participants</b>	<b>35</b>
<b>Objective</b>	<ul style="list-style-type: none"> <li>• <b>To popularize the use of sanitizers during COVID-19</b></li> <li>• <b>To develop entrepreneur skills and job opportunity among the students</b></li> <li>• <b>To ensure availability of sanitizer in cheaper rates affordable to all sections</b></li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• <b>The Students benefited as they got the knowledge of the materials used in the sanitizer</b></li> </ul>

### Report

During the outbreak of COVID-19 pandemic, hand sanitizer has emerged to be an alternative to soap and water washing both in health cases and public institutions. Chemistry Association of Mar Thoma College for Women,



Perumbavoor conducted a two day workshop on the preparation of alcohol based sanitizers, “Hold a Drop: Sanitizer Preparation” on 16 to 17 June 2020 under the guidance of Ms. Seba George (Teacher-in-Charge). The composition and formulation for the preparation of the sanitizer was strictly followed according to the World Health Organization guidelines. 35 students of III<sup>rd</sup> year B.Sc. Chemistry participated in the workshop. The prepared sanitizers were distributed among the students.

The students greatly benefited from the workshop as they got the knowledge of the materials and chemicals needed for the preparation of sanitizer. The workshop provided an opportunity for hand on training to students. The demand for sanitizers was very high during the pandemic situation and the workshop helped to prepare sanitizers for the whole college at a reasonable cost.



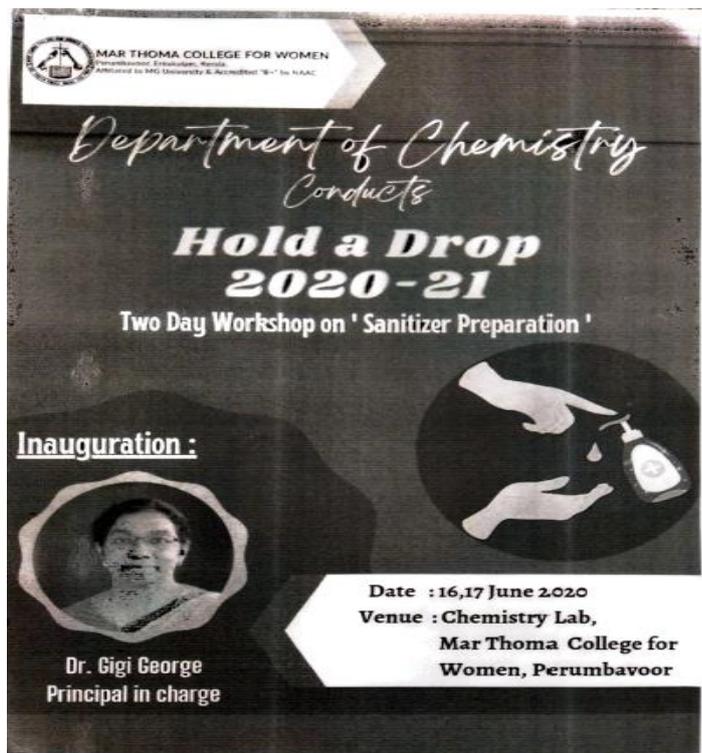


Figure 1: Programme Brochure



Figure 1: Students preparing sanitizer



## List of Participants

Sl. No	Name of the student
1	ABHIRAMI T. V
2	AGNS BABU
3	AISWARYA P. S
4	AISWARYA A. V
5	AJMIYA C. S
6	AKHILA P. S
7	ALEENA BABU
8	AMRUTHA ANILKUMAR
9	AMRUTHA JOY
10	ANAGHA DAMODARAN
11	ANAGHA P KRISHNA
12	ANAGHA A. A
13	ANAKHA P.M
14	APARNA NAIR
15	APARNA THILAK E. T
16	ASWATHY AJITH
17	ATHIRA BLJU
18	ATHISHA P.M
19	BESTY BENNY
20	DEVIKA CHANDRAN



21	FATHIMA RASBIN K. R
22	GOPIKA K. S
23	HARITHA V.H
24	HARSHAMOL GOPI
25	JYOTHIKA RAMAKRISHNAN
26	MARIYA MATHEW
27	MERIN BABU
28	MUBINA MUHAMMED
29	NIRANJANA ANAND
30	RINCY ALI
31	SAHALA SHAJAN
32	SANOOJA BEEGUM T. A
33	SHAHEEBATH SALIM
34	SNEHA T. S
35	SONIYA A. S



## On Confronting History

<b>Programme</b>	<b>On Confronting History</b>
<b>Organizer</b>	<b>History</b>
<b>Resource Person</b>	<b>Dr. Sebastian Joseph, Associate Professor in History, UC College, Aluva</b>
<b>Platform</b>	<b>Google Meet</b>
<b>Date and Year</b>	<b>9/11/2020</b>
<b>Duration</b>	<b>2 pm to 3.30 pm 1 hour</b>
<b>Beneficiaries</b>	<b>111 Students, Teachers</b>
<b>objectives</b>	<ul style="list-style-type: none"> <li>• To enable the students to use a variety of sources such as documents, artifacts, and oral traditions to study the past</li> <li>• To understand the text and pretext in historical studies</li> <li>• To study the textual analysis of oral sources</li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• Students gained insights into the nature and scope of history</li> </ul>

### Report

The seminar was held on 9th November, 2020 and it was conducted by Dr. Sebastian Joseph, Associate Professor in History, UC College, Aluva. The seminar focused on the nature and scope of history. Dr. Joseph began by discussing the definition of history.



He said that history is the study of the past and its events, people and cultures. He further explained that history involves understanding the context, relationships and consequences of the past in order to understand the present. He also noted that history is not just about the facts, but also about interpretation, analysis and understanding. The scope of history was then discussed, beginning with a discussion of the various types of history. Dr. Joseph discussed the major branches of history such as political history, economic history, social history, cultural history, religious history, and military history. He also discussed the various sub-fields of history such as ancient history, medieval history, modern history, and contemporary history. The methodology of historical study was then discussed. Dr. Joseph explained that historians use a variety of sources such as documents, artifacts, and oral traditions to study the past. He also discussed the various approaches to studying history such as the traditional approach, the scientific approach, and the critical approach. Finally, the importance of history was discussed. Dr. Joseph highlighted the importance of studying history in order to understand the present and to be able to predict the future.

He noted that history is essential for formulating policies and making decisions in the present. He also noted that history can help us understand our own identities and how we fit into the world. Overall, the seminar was very informative and educational. It was a great opportunity to gain insights into the nature and scope of history.





**MAR THOMA COLLEGE FOR WOMEN  
PERUMBAVOOR**

(RE-ACCREDITED BY NAAC WITH B+ GRADE AFFILIATED TO MAHATHMA GANDHI UNIVERSITY)

**DEPARTMENT OF HISTORY AND ARCHAEOLOGY  
PRESENTS**

**Orientation Lecture  
Series - 1**



**“ON CONFRONTING  
HISTORY”**

**Resource Person : Dr. Sebastian Joseph**  
Assistant Professor, Department of History  
UC College, Aluva

 **9<sup>th</sup> NOVEMBER 2020**

 **2 PM**

 **( Platform : Google Meet )**

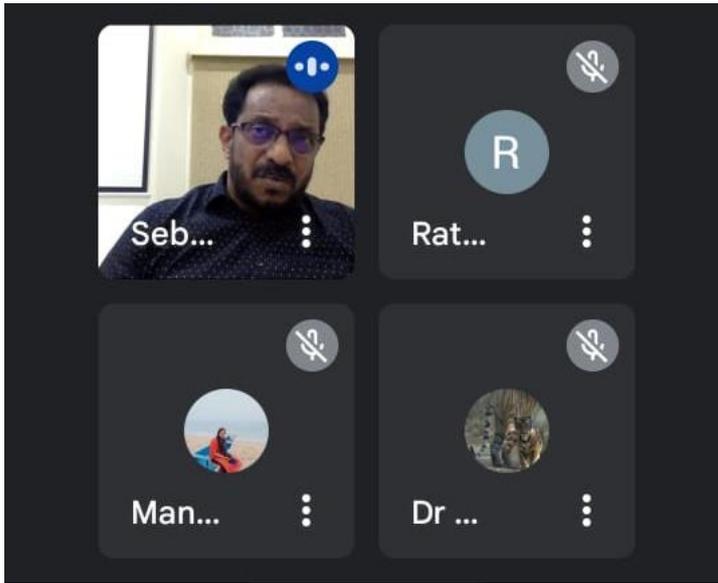
**FOR MORE DETAILS, PLEASE CONTACT**

**Dr. BIBIN KURIAKOSE**  
(HOD)  
8921939898

**Dr. VINOD V.**  
(CONVENOR)  
7012140532

**Figure 7: Brochure**





**Figure 8: Screenshot of the webinar**

### **List of Participants**

<b>Sl. No</b>	<b>Name of the Student</b>
<b>1</b>	Fathima M.P
<b>2</b>	Haneesa Parween PKP
<b>3</b>	Jeena Johnson
<b>4</b>	Payal Kumari
<b>5</b>	Remya Sandosh
<b>6</b>	Safarina .M Mahin
<b>7</b>	Aisha Marwa
<b>8</b>	Amalendu ER
<b>9</b>	Amina M.T
<b>10</b>	Anagha E.R
<b>11</b>	Aneena V.A
<b>12</b>	Angala Mol Davis
<b>13</b>	Anjitha Ravi



14	Anju Varghese
15	Anumol Mani
16	Aswathy N.A
17	Athira K.T
18	Athulya Sasi
19	Bibina V.B
20	Bibinsha T.I
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28	Nasrin V.M
29	Nejuma Muhammad
30	Rahi Mani
31	Safrina A.M
32	Soja Mathayi
33	Theofilsa Mathew
34	Varsha Sunil
35	Alkha Lakshmi
37	Anna Jose
38	Asna Ashraf
39	Devaki M
40	E K Krishnapriya
41	Fathima E B
42	Gopika G R
43	Riya P A
44	Abheendra V S
45	Anugraha A U
46	Anusree Rajan K B
47	Arathi C S
48	Ardhra Sivan



49	Arya Kk
50	Arya Udayan
51	Ashna P A
52	Asna Ashraf V A
53	Aswathi K S
54	Athira Biju
55	Chandini P J
56	Chris Antony
57	Eathal Kt
58	Fasila Basheer
59	Fathima Mi
60	Fathima Sakariya
61	Fathimathu Sadiya
62	Gouri B S
63	Husna M M
64	Jyothy Lakshmi Suresh K
65	Krishnapriya R
66	Meenusree K S
67	Mufeeda Akbar
68	Nandana A S
69	Neslin T N
70	Noufiya Nooh
71	Sandra Sani
72	Siyana A
73	Soufiya K K
74	Ummulkulsoom Ea
75	Vijisha P
76	Vismaya K V
77	Aasiya N
78	Ardhra Ravi
79	Asna K Ajas
80	Farsana Usman
81	Fathima P A
82	Gopika T G



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84	Naciya Mole K A
85	Sara Farsana
86	Shahanas Beegum P S
87	Suriya V S
88	Vidya S L
89	Akhila P S
90	Aleena Jose
91	Aleena Mariya
92	Angel Lalu
93	Anna Poullose
94	Ansin Ajmal
95	Anusha R
96	Ashna Jiji
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104	Fathima Shabanam M R
105	Karthika S
106	Sandra K M
107	Shimi George
108	Sona Biju
109	Swathy Suresh
110	Varsha C
111	Zulfa Salim



## Research Design and Research Paper Writing

<b>Title</b>	<b>Research Design and Research Paper Writing</b>
<b>Organizing Department</b>	<b>Zoology</b>
<b>Resource Person</b>	<b>Ms. Athira M, Assistant Professor, Mar Thoma College for Women, Perumbavoor</b>
<b>Date</b>	<b>21/08/2020-22/08/2020</b>
<b>Platform</b>	<b>Google Meet</b>
<b>Duration</b>	<b>Two days</b>
<b>Number of Participants</b>	<b>23</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• <b>To understanding the basic process of research paper writing</b></li> <li>• <b>To familiarize various research designs</b></li> <li>• <b>To practically understand steps in writing each section of the research paper</b></li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• <b>Students gained knowledge about the steps and rules involved in writing a scientific paper and understand various types of research designs</b></li> </ul>



## Report

The Zoology department conducted two day online workshop on the topic “Research Design and Research Paper Writing” on 21-22 August 2020 in which 23 students from the final year M. Sc, Zoology was participated. Due to Covid-19 pandemic situation, workshop was conducted through Google Meet platform. Ms., Athira M. (Assistant Professor, Mar Thoma College for Women, Perumbavoor) was the resource person. The session introducing various types of research designs to the students.

The workshop on “Research Design and Research Paper Writing” organized by the Department of Zoology was a great success. The speaker spoke about fundamentals of research design, including the identification of research questions, development of hypotheses, and selection of appropriate research methods. The speaker also discussed the importance of ethical considerations in research design, structure of a research paper, including the abstract, introduction, methods, results, discussion, and conclusion sections. The speaker provided practical tips on how to write each section of the paper effectively.

Then the speaker spoke about the importance of data analysis in research paper writing. The speaker discussed various statistical tools used in data analysis and provided guidelines on how to present the results of data analysis in a clear and concise manner. The workshop concluded with a Q&A session, during which the participants had the opportunity to ask questions and clarify any doubts they had about research design and paper writing. The session provided valuable insights into the fundamentals of research design, the structure of a research paper, and the importance of data analysis. The workshop

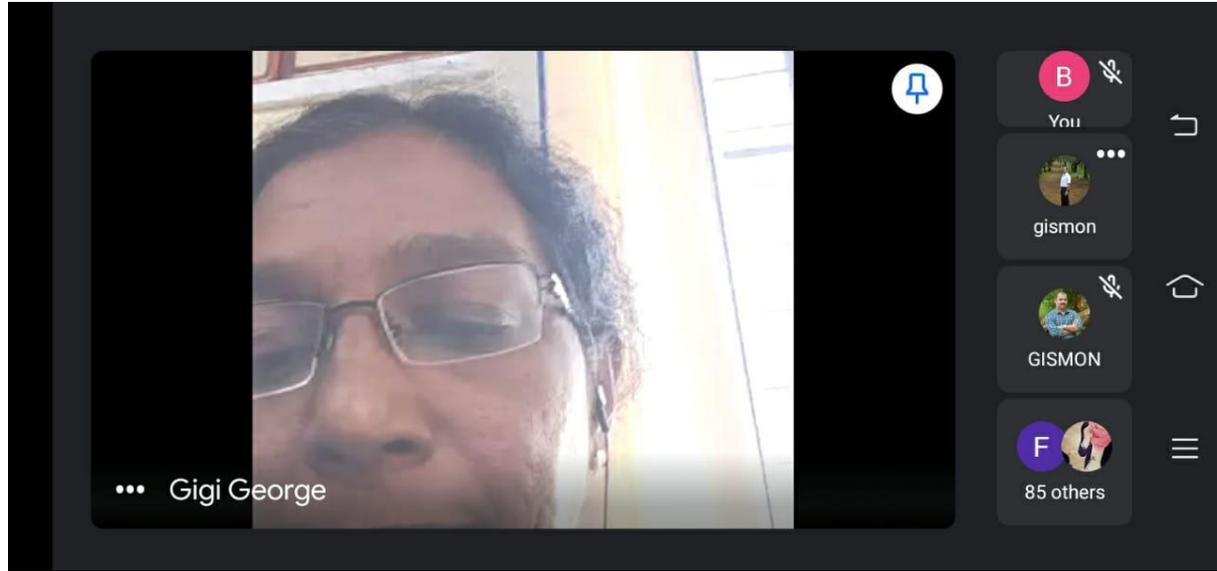


was well-attended by students and faculty members, who found it informative and useful in enhancing their research skills. Overall, it was a great learning experience for all the participants.



**Figure 1: Program Brochure**





**Figure 2: Screenshot of the program**

### List of Participants

Sl. No	Name of the Student
1	Aiswarya Raj
2	Aleena Davis
3	Amritha Preman V
4	Anaswara Sajeev
5	Anaxy Clyson
6	Anju Anil Kumar
7	Anju Johnson
8	Aparna P M
9	Athira A S
10	Athira S



11	Binta Rajan
12	Fathima Fayaruz
13	Gopika M G
14	Hiba Fathima P K
15	Leethu Kunjumon
16	Manju Elsa George
17	Nandhini Raj R
18	Nayana R
19	Priyanka Rajeev
20	Revathy Raju
21	Rizvana Sakeer
22	Vrinda Valsan
23	Haritha S



## Research Methodology & Statistics

<b>Title of the Programme</b>	<b>Research Methodology &amp; Statistics</b>
<b>Organizing Department</b>	<b>Commerce (Finance and Taxation)</b>
<b>Resource Person</b>	<b>Ms Anna Celin EJ, Research Scholar, Department of Commerce, St. Xaviers College, Aluva</b>
<b>Date and Year</b>	<b>09/09/2020</b>
<b>Venue</b>	<b>PG Seminar Hall</b>
<b>Duration</b>	<b>10 am to 12.00 pm</b>
<b>Number of Participants</b>	<b>35</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• <b>To acquire knowledge of the various steps involved in research methodology and statistics</b></li> <li>• <b>To gain understanding on how to attain meaningful results</b></li> <li>• <b>To learn the use of tools and techniques in research</b></li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• <b>The students attained an in-depth understanding of the concepts of research methodology</b></li> </ul>

### Report

The seminar on research methodology and statistics was conducted on 9th September 2020 at the PG seminar hall of our college. The resource person was



Anna Celin, a renowned professor from the University of Michigan. The seminar was chaired by Principal Gigi George and the Head of the Department Sherin T Abraham. Anna Celin began the seminar by introducing the concepts of research methodology and statistics.

She discussed the importance of using research methodology and statistics in order to generate meaningful results. She then went on to explain the various steps involved in research methodology and statistics. She also discussed the different types of data analysis and the various tools used to analyze data. The seminar also provided insights into the different ways of communicating the results of research and the importance of accurately interpreting the results. Anna Celin also discussed the importance of using the right tools and techniques to analyze data and the need to use reliable sources of data.

Overall, the seminar was a great success. The students were provided with an in-depth understanding of the concepts of research methodology and statistics. They were also able to gain insight into how to effectively use the various tools and techniques used in data analysis. The seminar also served as a great platform for the students to interact with the resource person and to learn more about the subject.





**MAR THOMA COLLEGE FOR  
WOMEN PERUMBAVOOR**  
*Department of Commerce*  
**FINANCE & TAXATION**  
&  
**IQAC**  
**Seminar on Research  
Methodology &  
Statistics**  
**Resource Person :**  
**Anna celin E J**  
*Research scholar St.  
Xavier's College Aluva*

**Time: 10.30  
am**      **Date:  
09/09/2020**      **Venue: PG Seminar Hall**

**DR. Gigi George  
PRINCIPAL**      **MS. SHERIN T ABRAHAM  
HEAD OF THE DEPARTMENT**

Figure 9: Event brochure





**Figure 2: Picture of event**

### **List of Participants**

<b>Sl. No</b>	<b>Name of the student</b>
1	Aadhya A Manoj
2	Aardra C Hari
3	Abhirami Prakash
4	Abhisree Prakash
5	Aleena Kochumon
6	Amala Joshy
7	Ammupriya M Bose
8	Amudha Alias
9	Aneetta Elsa Anil
10	Anjana Bhaskaran
11	Ann Prasanth
12	Arathy Surendran
13	Aswathy V A
14	Devipriya K R
15	Elizabeth Sunny
16	Fahima Shaji
17	Gayathri M R
18	Jayalakshmi Nadesan



19	<b>Nitha Krishnan</b>
20	<b>Nitha Varghese</b>
21	<b>Sai Saraswathi</b>
22	<b>Shahabunnisa P Jaleel</b>
23	<b>Sneha Paul</b>
24	<b>Sreethu V Nair</b>
25	<b>Sumayya A I</b>
26	<b>Vishnu Priya Karuppuswami</b>
27	<b>Aisha Shiyas</b>
28	<b>Alisha Sara Mathew</b>
29	<b>Ann Leya George</b>
30	<b>Aswani Raj</b>
31	<b>Bincy Varghese</b>
32	<b>Chris T Esther</b>
33	<b>Devika Siblu</b>
34	<b>Fathima P H</b>
35	<b>Keerthi B Nair</b>



## Quantitative Research: Surveys & Experiments

<b>Title</b>	<b>Quantitative Research: Surveys &amp; Experiments</b>
<b>Organizing Department</b>	<b>Zoology</b>
<b>Resource Person</b>	<b>Dr. Biju Jacob Thomas, Associate Professor, Dept of Zoology, Mar Thoma College for Women, Perumbavoor</b>
<b>Date</b>	<b>17/07/2020</b>
<b>Platform</b>	<b>Google Meet</b>
<b>Duration</b>	<b>3 pm to 4.30 pm</b>
<b>Number of Participants</b>	<b>19</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To familiarizes qualitative, quantitative, and mixed methods</li> <li>• To understand the basics of research and research methodology</li> <li>• To introduce fundamental steps involved in research</li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• The students gained understanding in the importance of research</li> </ul>

### Report

A webinar was conducted exclusively for final year BSC Zoology students on 17 July 2020 and the topic was “Quantitative Research: Surveys and Experiments”. The session aimed to introduce students to the importance of



research, the research process, and the resource available to them. The session familiarizes students with the concept of research and its relevance in academia and beyond. It introduces the students to the fundamental steps involved in the research process and provided an overview of the various research methodologies and techniques.

The resource person explained the step-by step research process, including topic selection, literature review, methodology, data collection, analysis, and conclusion. Familiarizes qualitative, quantitative, and mixed methods. The interaction session encouraged students to ask questions and participate in discussion, addressed queries related to research, career opportunities, and further education in research-oriented fields. The outcome of the session increased awareness and understanding of the importance of research among participants. Students gained a basic understanding of the research process and various methodologies. The session has contributed to fostering a research-oriented mindset among the students.



 **MAR THOMA COLLEGE FOR WOMEN, PERUMBAVOOR** 

**DEPARTMENT OF ZOOLOGY**

Organize  
A Research Orientation webinar for final year B.Sc. Zoology students



<p><b><u>Topic :-</u></b></p> <p><b><i>Quantitative Research: Surveys &amp; Experiments</i></b></p>	<p><b><i>Resource person:</i></b></p> <p><b><i>Dr. Biju Jacob Thomas</i></b> <i>Associate Professor, Dept. of Zoology</i></p>
---	---

**DATE:** 17/ 07/2020      **TIME:** 3 P.M

**MEETING LINK:** <https://meet.google.com/cvv-urun-rxx> 

Ms. Athira C.M  
Student Coordinator      Ms. ~~Sathy~~ Sara Mathal  
Head of the Department      Dr. Gigi George  
Principal

Figure 1: Brochure of the Programme



## List of Participants

Sl. No	Name of the Student
1	Ankitha Ayyapan
2	Ashna P S
3	Asna Abbas
4	Aswathy Sajeevan
5	Athira C M
6	Dona Eldhose
7	Feba Eldhose
8	Gayathri J Nair
9	Hridhya Surendran
10	Jinu James
11	Jisha Susan Shaji
12	Mahina P M
13	Parvathy Salin Kumar
14	Raihanath C A
15	Renju K Reji
16	Rizana A J
17	Sulfeena T k
18	Susan Cheriyan
19	Vismaya Raju



## Research Methodology for Social Science

<b>Organizing Department</b>	<b>Commerce (Computer Application)</b>
<b>Resource Person</b>	<b>Dr. S Kevin, Professor and Co-Vice Chancellor, University of Kerala</b>
<b>Date and Year</b>	<b>11/11/2020</b>
<b>Venue</b>	<b>P.G Seminar Hall</b>
<b>Duration</b>	<b>10.30 am to 12.00 pm</b>
<b>Number of Participants</b>	<b>29</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To learn the importance of data collection, analysis, and interpretation in social science research</li> <li>• To learn right approach in research process</li> <li>• To solve complex social issues</li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• The students gained tips on how to write a research proposal, how to select the right research questions, and guidelines on carrying out the research</li> </ul>



## **Report**

The webinar was conducted by Dr. S Kevin, professor and co-vice chancellor of University of Kerala, on the research methodology for social science. The webinar was conducted on 11th of November 2020 at 10.30 am using the Google Meet platform. It was headed by the head of the department, Sherin T Abraham, and the principal, Dr Gigi George, was present. The webinar started with a brief introduction about the topic and the speaker. Dr. S Kevin then discussed the basic concept of research methodology, its importance and how it can be used effectively in social science research. He explained the various types of research methods and how to choose the right research approach for a particular research problem. He also discussed the importance of data collection, analysis, and interpretation in social science research.

The speaker also shared some tips on how to write a research proposal, how to select the right research questions, and guidelines on carrying out the research. He concluded the webinar by emphasizing the importance of research in social science and how it can help in understanding and solving complex social issues. The webinar was attended by more than 25 participants and it was a great success. The participants found the session to be very informative and useful. They learned a lot about research methodology and its applications in social science research. The participants also had a good discussion with Dr. S Kevin after the webinar. They thanked him for the wonderful session and expressed their appreciation for the valuable insights he provided.



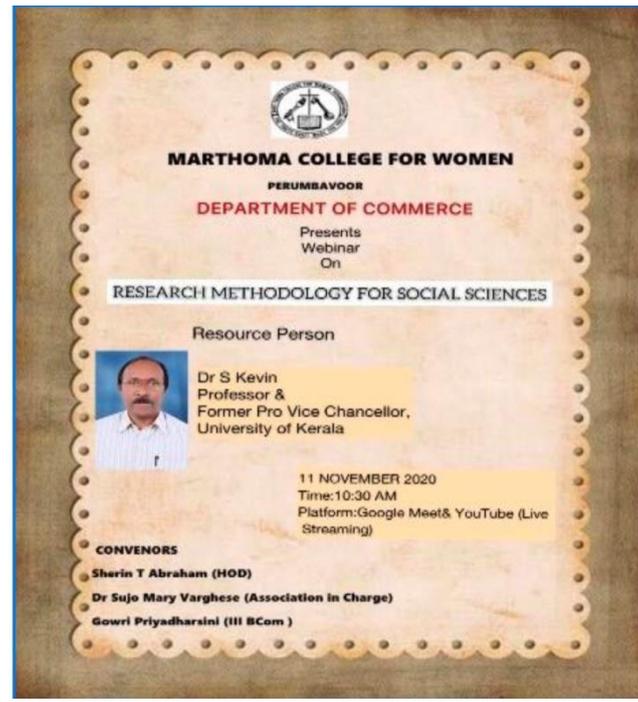


Figure 1: Brochure of the Programme

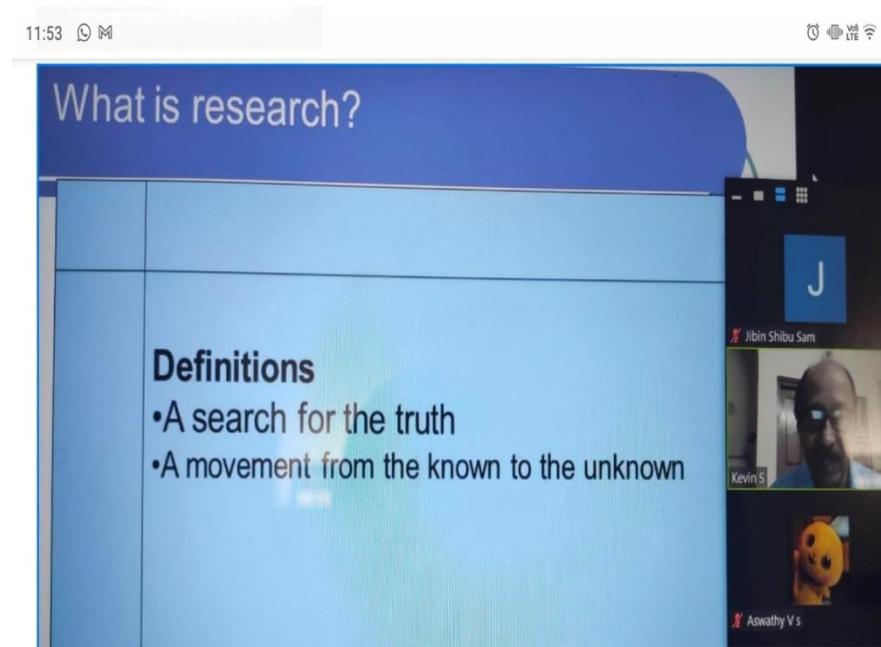


Figure 10: Screenshot



## List of Participants

<b>Sl. No</b>	<b>Name of the student</b>
1	AARYA. M. RAJU
2	AISHA. K. ALI
3	AKHILA BENNY
4	AKHILA PREMAN
5	AMITHA ELSA JACOB
6	AMITHA JOHN
7	AMMU BABY
8	AMRITHANJALY.M.N
9	AMURTHESWARI.T.K
10	ANJALY MOHANAN
11	ANJANA NAIR
12	ANJANA SURESH
13	ANJITHA ASHOKAN
14	APARNA BIJUMON
15	APARNA .S. NAIR
16	ARCHANA RAJU
17	ASWATHY SIVAN
18	BINSYMOL WILSON
19	FATHIMA LULU .P.K
20	GOPIKA SATHYAN
21	HANNATH BEEVI P.A
22	JISNA ANTONY
23	JOSMIN JOSEPH
24	KEERTHI SAJEEVAN
25	KRISHNAPRIYA .M.K
26	MEENA THOMAS
27	MERLIN MARY BASIL
28	MIYA JOHNY
29	MUHSINA .M.A



## The Secret of How to Think Like an Entrepreneur

<b>Title of the Programme</b>	<b>The Secret of how to think like an Entrepreneur</b>
<b>Organizing Department</b>	<b>Commerce (Finance and Taxation)</b>
<b>Resource Person</b>	<b>Fathima Usman, You tuber and Entrepreneur</b>
<b>Date</b>	<b>27/1/2021</b>
<b>Platform</b>	<b>Google Meet</b>
<b>Duration</b>	<b>11.30 am to 1.00 pm</b>
<b>Number of Participants</b>	<b>70</b>
<b>Objective</b>	<ul style="list-style-type: none"> <li>• To learn importance of developing certain skills like problem solving, decision making, risk taking, creativity and innovation, and networking</li> <li>• To understand the mindset of an entrepreneur</li> <li>• To attain a well defined business plan</li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• The students got insight on the importance of having a well-defined business plan and the role of marketing in any business</li> </ul>



## **Report**

The webinar was organized by the Department of Commerce to educate students on the topic “The Secret of How to Think Like an Entrepreneur”. The resource person of this webinar was Fathima Usman, a renowned entrepreneur and motivational speaker. The webinar was conducted online through Google Meet. The webinar began with the Principal, Dr. Gigi George, welcoming the resource person and thanking her for gracing the event with her presence. The Head of the Department, Sherin T Abraham, then gave a brief introduction of the resource person and her credentials.

The seminar focused on helping the students to understand the mindset of an Entrepreneur, and the qualities and traits that they need to develop in order to succeed. Fathima Usman gave an overview of the entrepreneurial journey and the challenges faced by entrepreneurs. She then went on to discuss the importance of developing certain skills like problem solving, decision making, risk taking, creativity and innovation, and networking. The resource person also discussed about the different strategies that can be adopted for the success of any business venture. She highlighted the importance of having a well-defined business plan and the role of marketing in any business.

The seminar concluded with the Student Coordinator, Fathima Rafeeqe, thanking the resource person for the informative session. The participants found the seminar to be highly informative and inspiring, as it provided them with valuable insights into the world of entrepreneurship.





**MAR THOMA COLLEGE FOR WOMEN PERUMBAVOOR**

Department of Commerce  
Finance & Taxation  
& IQAC

**Seminar on the secret of "How to think like an entrepreneur"**

**RESOURCE PERSON**

**FATHIMA USMAN**  
*YouTuber, Entrepreneur  
Alumna, Dpt of  
Commerce, Batch 2019-20*

**DATE**  
**21/01/2021**

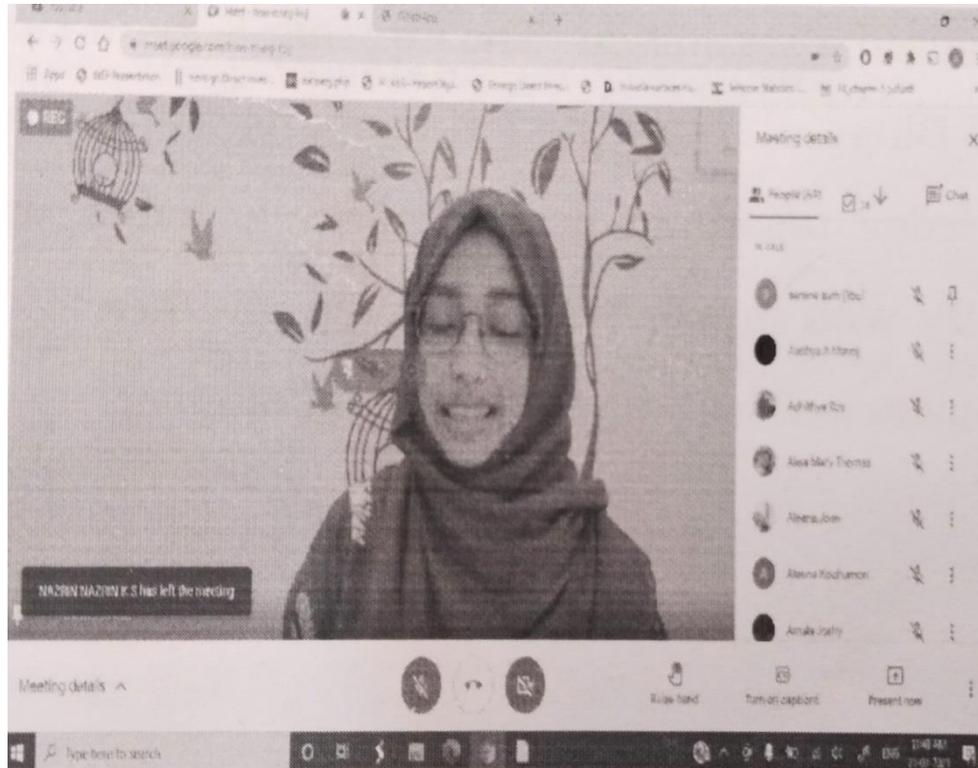
 **11.30 AM**

**DR. GIGI GEORGE**  
PRINCIPAL

**MS. SHERIN T ABRAHAM**  
HEAD OF THE DEPARTMENT

Figure 11: Seminar – Brochure





**Figure 2: Students attending the Programme**

### **List of Participants**

<b>Sl. No</b>	<b>Name of the student</b>
<b>1</b>	<b>RAMLATH C.P</b>
<b>2</b>	<b>RAMSEENA P.A</b>
<b>3</b>	<b>RUSHDA V.A</b>
<b>4</b>	<b>SHAHANA C.K</b>
<b>5</b>	<b>SOYA JOY</b>
<b>6</b>	<b>SREELAKSHMI T.R</b>
<b>7</b>	<b>SUSAN VARGHESE</b>
<b>8</b>	<b>THAFCIYAMOL T.A</b>



9	MANJU P. B
10	MEHA PARVEEN K. A
11	MIRSANA SALIM
12	NIKHITHA PAULACHAN
13	RESEENA K. R
14	REVATHY SUKUMARAN
15	ROSHNA ANIL
16	SARIKA SURESH
17	SUHARA P. R
18	SYAMA K. S
19	AKAMSHA SANTHOSH
20	ALEENA K. A
21	FARZANA A SALIM
22	FATHIMA FARSANA T. A
23	FATHIMA NAZRIN M.N
24	FOUSIYA V ZAKEER
25	JOSEENA JOSE
26	PUNNYA BIJU
27	SREENIDHI P. B
28	MANJU P. B
29	MEHA PARVEEN K. A
30	MIRSANA SALIM
31	AADHYA A MANOJ
32	AARDRA C HARI
33	ABHIRAMI PRAKASH
34	ABHISREE PRAKASH
35	ALEENA KOCHUMON
36	AMALAJOSHY
37	AMMUPRIYA M BOSE
38	AMUDHA ALIAS
39	ANEETTA ELSA ANIL
40	ANJANA BHASKARAN
41	ANN PRASANTH
42	ARATHYSURENDRAN
43	ASWATHY V A
44	DEVIPRIYA K R
45	ELIZABETH SUNNY
46	FAHIMA SHAJI
47	GAYATHRI M R
48	JAYALAKSHMI NADESAN
49	NITHA KRISHNAN
50	NITHA VARGHESE
51	SAI SARASWATHI
52	SHAHABUNNISA P JALEEL
53	SNEHA PAUL



54	SREETHU V NAIR
55	SUMAYYA A I
56	VISHNU PRIYA KARUPPUSWAMI
57	AISHA SHIYAS
58	ALISHA SARA MATHEW
59	ANN LEYA GEORGE
60	ASWANI RAJ
61	BINCY VARGHESE
62	CHRIS T ESTHER
63	DEVIKA SIBU
64	FATHIMA P H
65	KEERTHI B NAIR
66	AARYA. M. RAJU
67	AISHA. K. ALI
68	AKHILA BENNY
69	AKHILA PREMAN
70	AMITHA ELSA JACOB



## Iron Age in Kerala: An Archaeologist's Perspective

<b>Programme</b>	<b>Iron Age in Kerala: An Archaeologist's Perspective</b>
<b>Organizer</b>	<b>History</b>
<b>Resource Person</b>	<b>Dr. Abhayan G. S, Assistant Professor, Department of Archaeology, University of Kerala</b>
<b>Date and Year</b>	<b>10/8/2020</b>
<b>Platform</b>	<b>Google Meet</b>
<b>Duration</b>	<b>One day</b>
<b>Beneficiaries</b>	<b>98 Students, Teachers</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• <b>To provide a basic understanding about the Iron Age in Kerala</b></li> <li>• <b>To understand various process in locating a site</b></li> <li>• <b>To study the different megalithic monuments and their historical relevance</b></li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• <b>Students gained through knowledge on the prehistoric culture of Kerala</b></li> </ul>



## Report

The Iron Age in Kerala is an important period in the history of the region, and it is studied by archaeologists from all over the world. Dr. Abhayan G. S, Assistant Professor of Archaeology at the University of Kerala, discussed the Iron Age in Kerala from an archaeologist's perspective at a recent seminar. Dr. Abhayan began by giving an overview of the period in Indian history known as the Iron Age.

He explained that the Iron Age in India began around 1200 BC, and ended around 300 BC. During this period, iron had become the dominant material used for tools and weapons. He said that the Iron Age in Kerala began around 1000 BC and ended around 300 BC, and that it was a period of significant cultural and technological development in the region. Dr. Abhayan then discussed the archaeological evidence for the Iron Age in Kerala. He explained that the period is characterized by a number of archaeological sites, such as burial mounds, rock shelters, and megalithic structures. He said that these sites provide evidence of the lives of the people who inhabited the region during the Iron Age, such as their lifestyle, beliefs, and culture. Dr. Abhayan then focused on the material culture of the Iron Age in Kerala. He said that during this period, iron was used for many tools and weapons, such as axes, swords, spears, and arrows. He also said that pottery was an important part of the material culture of the period, and that pottery with geometric and floral designs was common. He said that the pottery from this period was made from clay, and was often decorated with designs painted in red and black.

Finally, Dr. Abhayan discussed the impact of the Iron Age in Kerala on the region's culture and society. He said that the Iron Age saw the development of new technologies, such as metallurgy and agriculture. He also said that trade



and commerce flourished during this period, as did art and literature. He concluded by saying that the Iron Age in Kerala was a period of great progress, and that it laid the foundations for the development of the region in the centuries to come.





**MAR THOMA COLLEGE FOR WOMEN  
PERUMBAVOOR**

RE-ACCREDITED BY NAAC WITH B+ GRADE AFFILIATED TO MAHATHMA GANDHI UNIVERSITY

**IQAC & DEPT. OF HISTORY AND ARCHAEOLOGY**

PRESENT

**NATIONAL WEBINAR ON  
IRON AGE IN KERALA : AN ARCHAEOLOGIST'S  
PERSPECTIVE**



**RESOURCE PERSON : Dr. ABHAYAN G.S**  
Assistant Professor, Department of Archaeology, University of Kerala

**10 August 2020, 10.30 am**

**WEBINAR SERIES -IO**

**PLATFORM (GOOGLE MEET)**

**FOR MORE DETAILS, PLEASE CONTACT**

<b>Dr. BIBIN KURIAKOSE (HOD)</b> +91 8921939898	<b>DR. VINOD V. (CONVENOR)</b> +91 7012140532
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Figure 12- Brochure of the programme



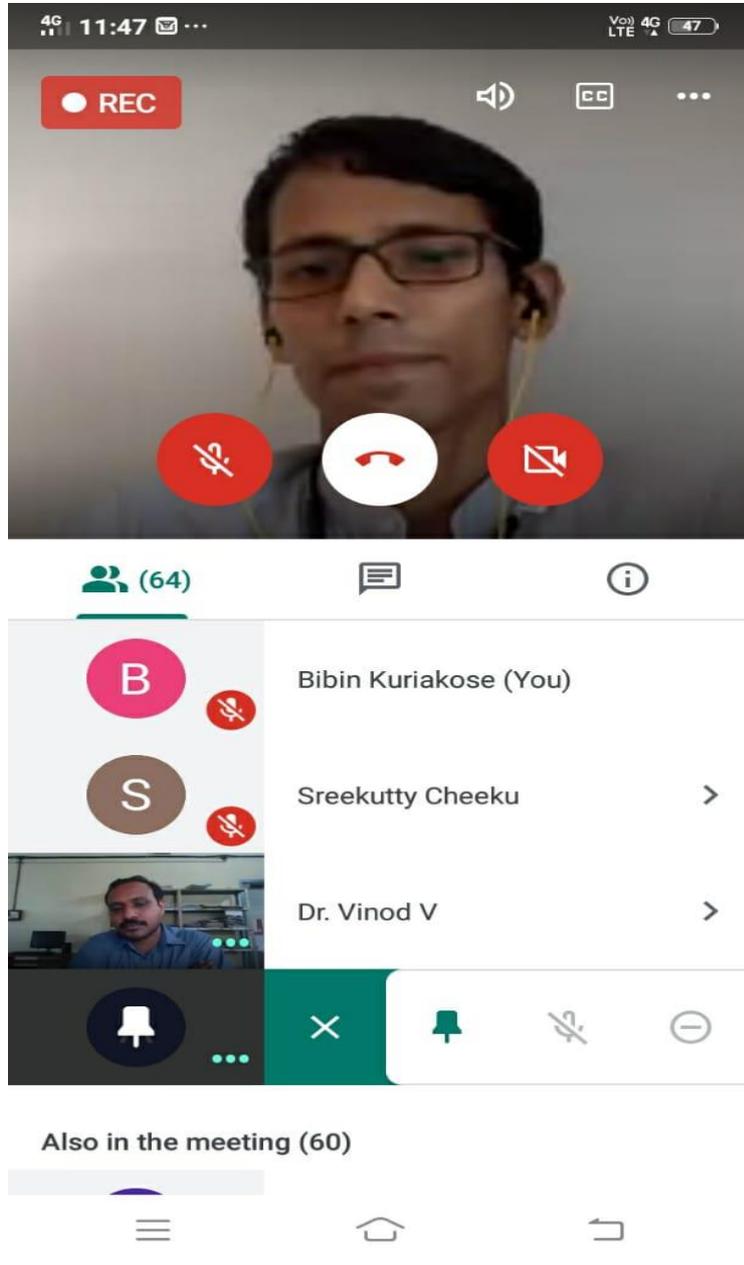


Figure 2: Screenshot of the programme



## List of Participants

Sl. No	Name of the Student
1	Fathima M.P
2	HaneesaParween PKP
3	Jeena Johnson
4	Payal Kumari
5	RemyaSandosh
6	Safarina .M Mahin
7	Aisha Marwa
8	Amalendu ER
9	Amina M.T
10	Anagha E.R
11	Aneena V.A
12	Angala Mol Davis
13	Anjitha Ravi
14	Anju Varghese
15	Anumol Mani
16	Aswathy N.A
17	Athira K.T
18	AthulyaSasi
19	Bibina V.B
20	Bibinsha T.I
21	Bini Eldhose
22	Fasna M.M
23	Jainu Paul
24	Josmy John
25	Keerthi T.S
26	Lakshmi K.V
27	Merin Mathews
28	Nasrin V.M



29	Nejuma Muhammad
30	Rahi Mani
31	Safrina A.M
32	Soja Mathayi
33	Theofilsa Mathew
34	Varsha Sunil
35	Vismaya Sasi
36	Alkha Lakshmi
37	Anna Jose
38	Asna Ashraf
39	Devaki M
40	E K Krishnapriya
41	Fathima E B
42	Gopika G R
43	Riya P A
44	Abheendra V S
45	Anugraha A U
46	Anusree Rajan K B
47	Arathi C S
48	Ardhra Sivan
49	Arya Kk
50	Arya Udayan
51	Ashna P A
52	Asna Ashraf V A
53	Aswathi K S
54	Athira Biju
55	Chandini P J
56	Chris Antony
57	Eathal Kt
58	Fasila Basheer
59	Fathima Mi
60	Fathima Sakariya
61	Fathimathu Sadiya



62	Gouri B S
63	Husna M M
64	Jyothy Lakshmi Suresh K
65	Krishnapriya R
66	Meenusree K S
67	Mufeeda Akbar
68	Nandana A S
69	Neslin T N
70	NoufiyaNooh
71	Sandra Sani
72	Siyana A
73	Soufiya K K
74	UmmulkulsoomEa
75	Vijisha P
76	Vismaya K V
77	Aasiya N
78	Ardhra Ravi
79	Asna K Ajas
80	Farsana Usman
81	Fathima P A
82	Gopika T G
83	Hasanath N A
84	Naciya Mole K A
85	Sara Farsana
86	ShahanasBeegum P S
87	Suriya V S
88	Vidya S L
89	Akhila P S
90	Aleena Jose
91	Aleena Mariya
92	Angel Lalu
93	Anna Poulouse
94	Ansin Ajmal
95	Anusha R



96	Ashna Jiji
97	Aswathy E T
98	Aswathy V S
99	Ayisha K M
100	Diya Supri
101	Emil Alias
102	Esther P
103	Fasnamol Shereef
104	Fathima Shabanam M R
105	Karthika S
106	Sandra K M
107	Shimi George
108	Sona Biju
109	Swathy Suresh
110	Varsha C
111	Zulfa Salim



## Towards New Terrains: Context and Contestations of the Past

<b>Programme</b>	<b>Towards New Terrains: context and Contestations of the Past</b>
<b>Organizer</b>	<b>History</b>
<b>Resource Person</b>	<b>Dr. Malavika Binny, Assistant Professor SRM University Andhra Pradesh</b>
<b>Date and Year</b>	<b>23/01/2021</b>
<b>Platform</b>	<b>Google Meet</b>
<b>Duration</b>	<b>11 am to 12.30 pm</b>
<b>Beneficiaries</b>	<b>111 Students, Teachers</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To give an understanding of the scope of history</li> <li>• To study the contextualization of the past</li> <li>• To do hermeneutical analysis of different sources</li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• Students were acquainted with textual criticism and its implication on research</li> </ul>

### Report

Dr. Malavika Binny, Assistant Professor at SRM University Andhra Pradesh, delivered a talk on the topic “Towards New Terrains; Context and



Contestations of the Past” as part of a webinar organized by Dept of History. The talk focused on how the past and present interact, and how the past can be re-contextualized in the present day. Dr. Binny began the talk by introducing the concept of “context” and “contestation” and how these terms can be applied to the past. Context is defined as the environment or set of circumstances that surround an event or situation. Contestation is defined as a struggle over an issue or between different groups or individuals.

Dr. Binny discussed how both context and contestation are essential to understanding the past, and how they are both intertwined. She then went on to explore the various ways in which the past can be studied and re-contextualized. Dr. Binny discussed how the past can be studied through a variety of sources, such as through primary sources, secondary sources, and oral histories. She discussed how primary sources, such as historical documents, photographs, and artifacts, provide direct evidence of the past. Secondary sources, such as books, newspapers, and journals, can provide additional information and context. Oral histories provide an opportunity to hear the stories of people who lived through the past. Dr. Binny then discussed the various ways in which the past can be re-contextualized in the present day. She discussed how the past can be re-examined through a variety of lenses, such as through a gender lens, a racial lens, or a colonial lens. She also discussed how the past can be re-interpreted through contemporary theories and perspectives.

Overall, Dr. Binny’s talk was very informative and provided a great insight into the ways in which the past can be studied and re-contextualized in the present day. It was a great opportunity to learn about the importance of context and contestation in understanding the past, and how the past can be re-examined through a variety of lenses.





**MAR THOMA COLLEGE FOR WOMEN  
PERUMBAVOOR**

RE-ACCREDITED BY NAAC WITH B+ GRADE AFFILIATED TO MAHATMA GANDHI UNIVERSITY

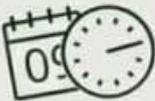
**Department of History & Archaeology**  
*Presents*

**National Webinar Series -5**

**Topic : Towards New Terrains; Context, Content and  
Contestations of the Past.**



**Speaker : Dr. Malavika Binny**  
Assistant Professor, SRM University,  
Andhra Pradesh.



23-01-2021  
11.am

**Platform :**   
Google Meet

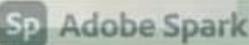
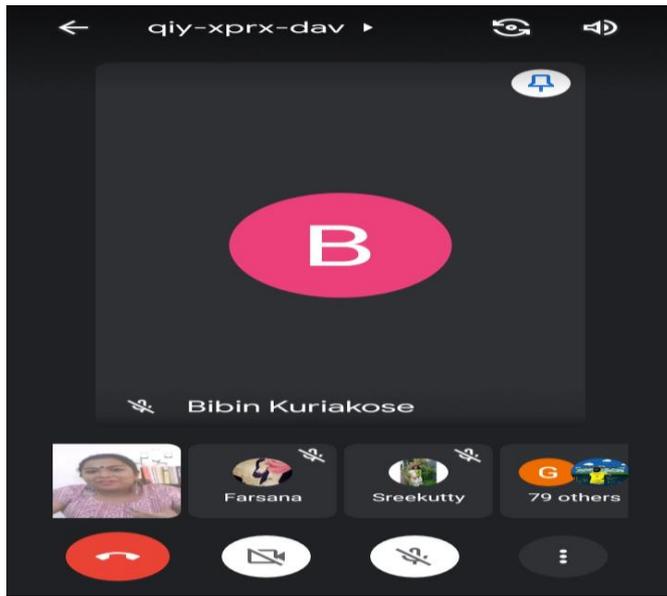


Figure 13: Brochure





**Figure 14: screenshot of the webinar**

### **List of Participants**

<b>Sl. No</b>	<b>Name of the Student</b>
<b>1</b>	Fathima M.P
<b>2</b>	Haneesa Parween PKP
<b>3</b>	Jeena Johnson
<b>4</b>	Payal Kumari
<b>5</b>	Remya Sandosh
<b>6</b>	Safarina .M Mahin
<b>7</b>	Aisha Marwa
<b>8</b>	Amalendu ER
<b>9</b>	Amina M.T
<b>10</b>	Anagha E.R
<b>11</b>	Aneena V.A



12	Angala Mol Davis
13	Anjitha Ravi
14	Anju Varghese
15	Anumol Mani
16	Aswathy N.A
17	Athira K.T
18	Athulya Sasi
19	Bibina V.B
20	Bibinsha T.I
21	Bini Eldhose
22	Fasna M.M
23	Jainu Paul
24	Josmy John
25	Keerthi T.S
26	Lakshmi K.V
27	Merin Mathews
28	Nasrin V.M
29	Nejuma Muhammad
30	Rahi Mani
31	Safrina A.M
32	Soja Mathayi
33	Theofilsa Mathew
34	Varsha Sunil
35	Vismaya Sasi
36	Alkha Lakshmi
37	Anna Jose
38	Asna Ashraf
39	Devaki M
40	E K Krishnapriya
41	Fathima E B
42	Gopika G R
43	Riya P A
44	Abheendra V S
45	Anugraha A U



46	Anusree Rajan K B
47	Arathi C S
48	Ardhra Sivan
49	Arya Kk
50	Arya Udayan
51	Ashna P A
52	Asna Ashraf V A
53	Aswathi K S
54	Athira Biju
55	Chandini P J
56	Chris Antony
57	Eathal Kt
58	Fasila Basheer
59	Fathima Mi
60	Fathima Sakariya
61	Fathimathu Sadiya
62	Gouri B S
63	Husna M M
64	Jyothy Lakshmi Suresh K
65	Krishnapriya R
66	Meenusree K S
67	Mufeeda Akbar
68	Nandana A S
69	Neslin T N
70	Noufiya Nooh
71	Sandra Sani
72	Siyana A
73	Soufiya K K
74	Ummulkulsoom Ea
75	Vijisha P
76	Vismaya K V
77	Aasiya N
78	Ardhra Ravi
79	Asna K Ajas



80	Farsana Usman
81	Fathima P A
82	Gopika T G
83	Hasanath N A
84	Naciya Mole K A
85	Sara Farsana
86	Shahanas Beegum P S
87	Suriya V S
88	Vidya S L
89	Akhila P S
90	Aleena Jose
91	Aleena Mariya
92	Angel Lalu
93	Anna Poulouse
94	Ansin Ajmal
95	Anusha R
96	Ashna Jiji
97	Aswathy E T
98	Aswathy V S
99	Ayisha K M
100	Diya Supri
101	Emil Alias
102	Esther P
103	Fasnamol Shereef
104	Fathima Shabanam M R
105	Karthika S
106	Sandra K M
107	Shimi George
108	Sona Biju
109	Swathy Suresh
110	Varsha C
111	Zulfa Salim



## Understanding Data

<b>Programme</b>	<b>Understanding Data</b>
<b>Organizer</b>	<b>History</b>
<b>Associating Partner</b>	<b>IIRM Hyderabad, Department of Commerce, Mar Thoma College for Women, Perumbavoor</b>
<b>Resource Person</b>	<b>Ms. Diana Susan Fernandez, IIRM, Hyderabad</b>
<b>Date and Year</b>	<b>27/01/2021</b>
<b>Duration</b>	<b>10.30 am to 12.30 pm</b>
<b>Beneficiaries</b>	<b>35 Students, Teachers</b>
<b>objectives</b>	<ul style="list-style-type: none"> <li>• <b>To introduce the various new trends in the field of data analysis</b></li> <li>• <b>To study the importance of data and its use in the new world</b></li> <li>• <b>To study different data processing techniques</b></li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• <b>The students got opportunity to learn the modern field of data usage</b></li> </ul>

### Report

Ms. Diana Susan Fernandez is an expert in the field of understanding data. She is associated with the Institute for Integrated Research in Management (IIRM), Hyderabad. She has been providing training on this topic for many years and has been an excellent resource person. The session started with an introduction about understanding data and its importance.



Ms. Fernandez explained how data is collected, stored and analyzed for different purposes. She also discussed the different types of data, such as structured and unstructured data, and the different ways of collecting and storing data. She also explained the different data processing techniques, such as data mining and data visualization. Ms. Fernandez also discussed the importance of understanding data in the modern world. She explained how data can be used to gain insights into customer behavior, generate business intelligence, and help businesses make better decisions. She also discussed the various tools and techniques used by businesses to gain better insights into their data.

Ms. Fernandez also discussed the various challenges related to understanding data, such as the need to clean and process data, the need to protect data from unauthorized access, the need to use the right tools and techniques, and the need to maintain data accuracy. Overall, the session was very informative and interesting. Ms. Fernandez was able to explain the concepts in a very simple and clear manner. The participants were able to gain a better understanding of data and how it can be used to gain insights and make better decisions.



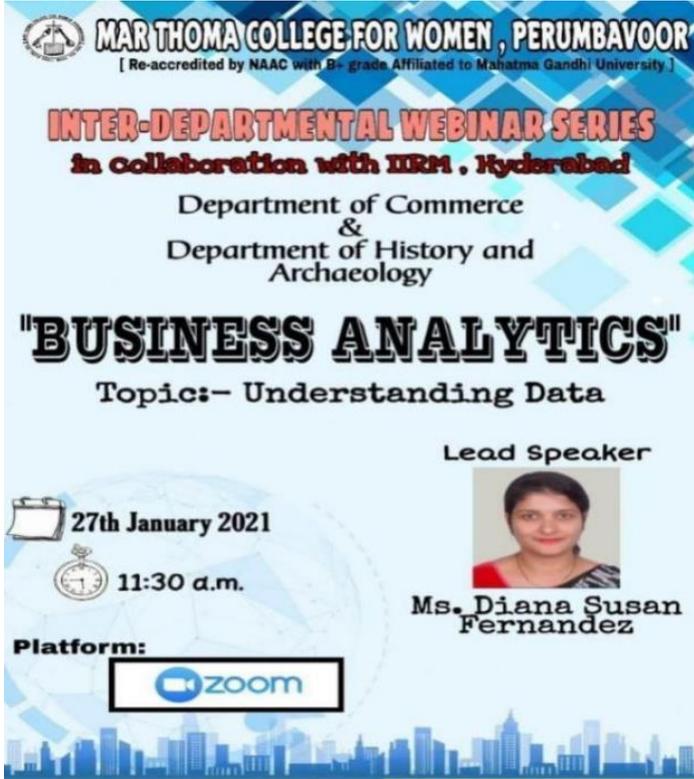


Figure 2: Brochure of the Programme

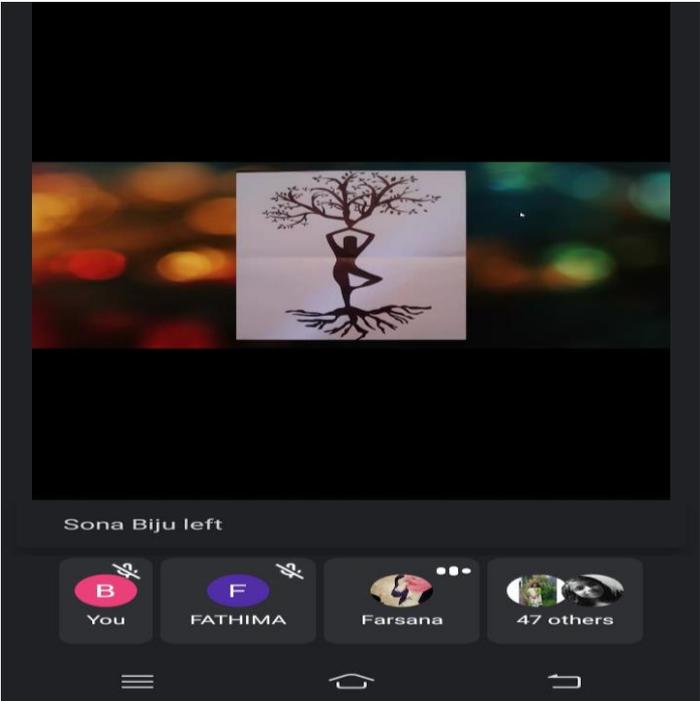


Figure 1: Screenshot of the programme



## List of Participants

Sl. No	Name of the Student
1	Fathima M.P
2	HaneesaParween PKP
3	Jeena Johnson
4	Payal Kumari
5	RemyaSandosh
6	Safarina .M Mahin
7	Aisha Marwa
8	Amalendu ER
9	Amina M.T
10	Anagha E.R
11	Aneena V.A
12	Angala Mol Davis
13	Anjitha Ravi
14	Anju Varghese
15	Anumol Mani
16	Aswathy N.A
17	Athira K.T
18	AthulyaSasi
19	Bibina V.B
20	Bibinsha T.I
21	Bini Eldhose
22	Fasna M.M
23	Jainu Paul
24	Josmy John
25	Keerthi T.S
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30	Rahi Mani



31	Safrina A.M
32	Soja Mathayi
33	Theofilsa Mathew
34	Varsha Sunil
35	Vismaya Sasi



## Learning Mathematics From A Research Perspective

<b>Title of the Programme</b>	<b>Learning Mathematics From A Research Perspective</b>
<b>Organizing Department</b>	<b>Mathematics</b>
<b>Resource Person</b>	<b>Dr. Sunny Kuriakose, Chief Administrator and Dean, MBITS, Kothamangalam</b>
<b>Date</b>	<b>1/10/2021</b>
<b>Platform</b>	<b>Google Meet</b>
<b>Duration</b>	<b>10.30 a.m. to 12.30 p.m.</b>
<b>Number of Participants</b>	<b>82</b>
<b>Objective</b>	<ul style="list-style-type: none"> <li>• <b>To make awareness among the students regarding the role of research in mathematics</b></li> <li>• <b>To identify the development of new theories and concepts in mathematical research</b></li> <li>• <b>To discuss the challenges in mathematical research</b></li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• <b>The students got valuable insights into the importance of research-based learning in mathematics education</b></li> </ul>



## **Report**

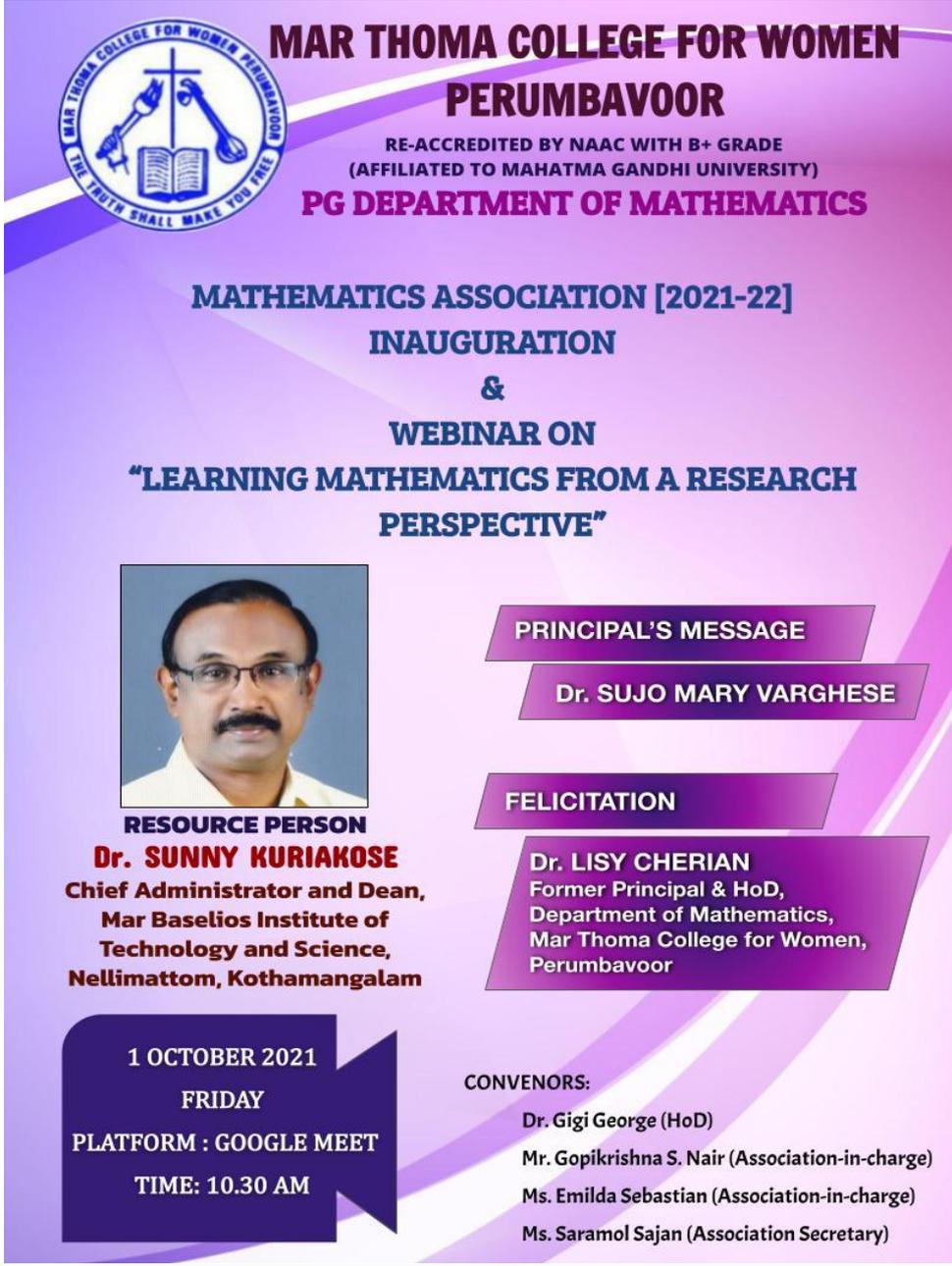
The Department of Mathematics organized a seminar on “Learning Mathematics from a Research Perspective” with Dr. Sunny Kuriakose, Chief Administrator and Dean, MBITS, Kothamangalam, as resource person on 1st October 2021 at 10.30 am. The seminar focused on the importance of research-based learning in mathematics and how it can enhance the learning experience for students. Dr. Sunny Kuriakose began the seminar by highlighting the role of research in mathematics and its impact on the development of new theories and concepts. He emphasized the importance of research-based learning in mathematics and how it can help students develop critical thinking and problem-solving skills. He also discussed the challenges faced by students in learning mathematics and how research-based learning can help overcome these challenges.

Dr. Sunny Kuriakose then discussed various research-based learning strategies that can be used in mathematics education, such as inquiry-based learning, problem-based learning, and project-based learning. He explained how these strategies can help students engage with mathematics on a deeper level and develop a better understanding of its concepts and principles.

Dr. Sunny Kuriakose also discussed the importance of collaboration and communication in research-based learning. He highlighted the need for students to work together and share their ideas and perspectives to enhance their learning experience. He also emphasized the importance of effective communication in mathematics and how it can help students articulate their ideas and reasoning. In conclusion, Dr. Sunny Kuriakose emphasized the importance of research-based learning in mathematics and how it can enhance the learning experience for



students. He encouraged students to engage with mathematics on a deeper level and develop critical thinking and problem-solving skills through research-based learning strategies. The seminar was informative and provided valuable insights into the importance of research-based learning in mathematics education.



**MAR THOMA COLLEGE FOR WOMEN  
PERUMBAVOOR**

RE-ACCREDITED BY NAAC WITH B+ GRADE  
(AFFILIATED TO MAHATMA GANDHI UNIVERSITY)

**PG DEPARTMENT OF MATHEMATICS**

**MATHEMATICS ASSOCIATION [2021-22]  
INAUGURATION  
&  
WEBINAR ON  
"LEARNING MATHEMATICS FROM A RESEARCH  
PERSPECTIVE"**



**RESOURCE PERSON**  
**Dr. SUNNY KURIAKOSE**  
Chief Administrator and Dean,  
Mar Baselios Institute of  
Technology and Science,  
Nellimattom, Kothamangalam

**PRINCIPAL'S MESSAGE**  
Dr. SUJO MARY VARGHESE

**FELICITATION**  
Dr. LISY CHERIAN  
Former Principal & HoD,  
Department of Mathematics,  
Mar Thoma College for Women,  
Perumbavoor

**1 OCTOBER 2021  
FRIDAY  
PLATFORM : GOOGLE MEET  
TIME: 10.30 AM**

**CONVENORS:**  
Dr. Gigi George (HoD)  
Mr. Gopikrishna S. Nair (Association-in-charge)  
Ms. Emilda Sebastian (Association-in-charge)  
Ms. Saramol Sajan (Association Secretary)

Figure 15: Seminar - Brochure





Figure 2: Screenshot of the program

### List of Participants

Sl. No	Name of the student
1	ALEESHA RAIHAN M A
2	ANASWARA ASHOK P
3	ANGEL ELIZEBETH
4	ANJANA P J
5	ANUCHANDRA SANTHOSH
6	FARSEENA N M
7	FATHIMA ALIYA SALIM
8	NEHA JOY
9	PUNYA LALU



10	RASEENA KAREEM
11	SAIEETHA T J
12	SARAMOL SAJAN
13	STELLA MARIYA ROY
14	AKHILA ANN ZACHARIAH
15	ANITTA SHOJI
16	ASWATHI RANI
17	BHADRA SASIDHARAN
18	DHANYA
19	FATHIMA ABDUL AZEEZ
20	FATHIMA MOHAMMED
21	HANNATH E K
22	NAJUMA YOUSAF
23	SHIFNA SHAJI
24	STEFY POULOSE
25	ALFIYA K KARIM
26	AMINA N S
27	DEEPTHI RAJENDRAN
28	FARSANA P M
29	GAYATHRI AJITH
30	GREESHMA RAJAN
31	JEEVA GOPAL
32	KEERTHI RAJENDRAN
33	MIDHILA SASINDRAN
34	NAZIYA N A
35	SHIMNA C S
36	SOORYAMOL K S
37	VRINDHA P V
38	ANCY MATHEW
39	ANJANA M M
40	ANU A A
41	APARNA S KARTHA
42	ASWATHY MONEY
43	CHAITHANYA CHANDRAN
44	ELSA VARGHESE
45	FEBI MARIUM BABU
46	FOUSIYA RASHEED
47	MAYA PHILIPOSE
48	NINIYA K ELDHO
49	PRIYA BABU
50	REEMA BABY
51	RESHMA V A
52	SNEHA RADHAKRISHNAN
53	ADHEENA VARGHESE
54	AHILA HARI



55	ANAGHA V. R
56	ANAKHA JOSE
57	ANJALI VALSAN
58	ANJALY SIVADASAN
59	ANN MARY SANTY
60	ANSY SEBASTIAN
61	ASHITHA KAREEM
62	ASHNA ARAMTHURUTHIL KOYAN
63	ASNA K. A
64	ATHIRA VENUGOPAL
65	DEEPTHI RAJENDRAN
66	DONA MARIYA JOY
67	DONIYA LAIJU
68	GANALATHA
69	GREESHMA KRISHNAN
70	GREESHMA RAJAN
71	INARANI
72	JEBNA K JALEEL
73	KEERTHY RAJENDRAN
74	LINNY BENNY
75	NOEL KURIEN
76	PARVATHY V.G
77	PRAVEENA P.S
78	RAHMATH T.A
79	RAMLATH C.P
80	RAMSEENA P.A
81	RUSHDA V.A
82	SHAHANA C.K

