



NATIONAL WEBINAR ON BASIC TOOLS IN ALGEBRA AND ANALYSIS

**Organized by
Centre for Research in Mathematical Sciences(CRMS)
Department of Mathematics
St. Joseph's College (Autonomous) , Irinjalakuda**

Date: 03/02/2022

Platform: Google Meet

Convenor: Ms. Sinda Joy

Joint Convenor:Dr.Fijy Jose P

The Centre for Research in Mathematical Sciences(CRMS) organizes seminars frequently in the new vistas of Mathematics for refreshing and updating scholars and faculty. The National Webinar on Basic Tools in Algebra and Analysis introduced Geometric and Algebraic Metric Properties, Module and Group representation. The Webinar was conducted in Google Meet. Session started with a prayer by Smt. Reshma M V from Second PG. The welcome speech was delivered by Ms. Sherin Jose T, Head , Department of Mathematics.Dr.Asha Therese ,Principal,St.Joseph's College ,Irinjalakuda has given presidential address.The seminar was inaugurated by Dr. M N Narayanan Namboothiri, Emeritus Professor ,CUSAT, Cochin.Dr.Sr.Christy,Retired Principal,St.Joseph's college Irinjalakuda felicitated.Ms.Sinda Joy ,Assistant Professor, Department of Mathematics,St.Joseph's college ,Irinjalakuda delivered vote of thanks.

The stake holders are faculty and postgraduate students in Mathematics. This webinar aims to inculcate research interest among them and to connect them with the research community. Dr. M N Narayanan Namboothiri, Emeritus Professor ,CUSAT, Cochin delivered the first session on the topic "GEOMETRIC AND ALGEBRAIC PROPERTIES OF MATRICES-A BRIEF INTRODUCTION" and the session was chaired by Dr. Pravas K, Research Supervisor, CRMS, St. Joseph's College, Irinjalakuda.The speaker of session 2 was Dr. Viji M, Assistant Professor, St. Thomas college (Autonomous) Thrissur and the topic was "INTRODUCTION TO GROUP REPRESENTATIONS".This session was chaired by Dr. Seena V, Research Supervisor, CRMS, St. Joseph's College, Irinjalakuda. Session 3 was handled by the speaker: Dr. Krishna Hanumanthu, Faculty in Mathematics, Chennai Mathematical Institute, Chennai with the topic "INTRODUCTION TO MODULES AND TENSOR PRODUCT".This session was chaired by Dr.

Sabna K S, Research Supervisor, CRMS, St. Joseph's College, Irinjalakuda. The seminar was very informative for students as well as for the faculty members. Dr. Fijy Jose P, Assistant Professor, Department of Mathematics, St. Joseph's college, Irinjalakuda delivered vote of thanks in the valedictory session.

Brochure:



ST. JOSEPH'S COLLEGE
(Autonomous)
Irinjalakuda, Kerala, India
College with Potential for Excellence
NAAC accredited with 'A' Grade
www.stjosephs.edu.in

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BASIC TOOLS IN
ALGEBRA AND ANALYSIS**

Organized by
Centre for Research in Mathematical
Sciences (CRMS)
Department of Mathematics
St. Joseph's College (Autonomous),
Irinjalakuda

**3rd
February
2022**

Scan QR Code for
Registration





Session 1
Speaker : **Dr. M N Narayanan Namboothiri**
Emeritus Professor CUSAT, Cochin
Topic : **GEOMETRIC AND ALGEBRAIC
PROPERTIES OF MATRICES-A
BRIEF INTRODUCTION**
Chaired by: Dr. Pravas K, Research Supervisor,
CRMS, St. Joseph's College,
Irinjalakuda

Session 2
Speaker : **Dr. Viji M**
Assistant Professor, St. Thomas
College (Autonomous) Thrissur
Topic : **INTRODUCTION TO GROUP
REPRESENTATIONS**
Chaired by: Dr. Seena V, Research Supervisor,
CRMS, St. Joseph's College,
Irinjalakuda

Session 3
Speaker : **Dr. Krishna Hanumanthu**
Faculty in Mathematics, Chennai
Mathematical Institute, Chennai
Topic : **INTRODUCTION TO MODULES
AND TENSOR PRODUCT**
Chaired by: Dr. Sabna K S, Research Supervisor,
CRMS, St. Joseph's College,
Irinjalakuda

ABOUT THE DEPARTMENT
The Department of Mathematics, St. Joseph's College (Autonomous) Irinjalakuda, Kerala, is a centre for Post Graduate studies and Research in Mathematics, affiliated to University of Calicut. The Centre for Research in Mathematical Sciences (CRMS) started functioning from December 2002. The thrust areas of the centre are Lie Algebra, Topology, Ordered Distributions, Cryptography, Fuzzy Mathematics. 9 Ph. D's has been awarded till date and presently 7 scholars are doing research under the supervision of four research supervisors. More than 100 papers have been published in indexed, peer-reviewed Journals.

ABOUT THE WEBINAR
The Centre for Research in Mathematical Sciences (CRMS) organizes seminars frequently in the new vistas of Mathematics for refreshing and updating scholars and faculty. The National Webinar on Basic Tools in Algebra and Analysis introduces Geometric and Algebraic Metric Properties, Module and Group representation. The stake holders are faculty and postgraduate students in Mathematics. This webinar aims to inculcate research interest among them and to connect them with the research community.

ORGANISING COMMITTEE
Ms. Sinda Joy (Convenor)
Dr. Fijy Jose P (Joint Convenor)
Executive Committee:
Ms. Sherin Jose T (Head, Department of Mathematics)
Ms. Dhanya V.S. (Faculty, Department of Mathematics)
Dr. Sr. Deeni C.J. (Faculty, Department of Mathematics)
Ms. Alphy Joseph (Faculty, Department of Mathematics)
Ms. Baby A.K. (Faculty, Department of Mathematics)
Ms. Sonadas P (Faculty, Department of Mathematics)
Ms. Anju P Davis (Faculty, Department of Mathematics)
Ms. Rahna Babu (Faculty, Department of Mathematics)



Dr. VIJI M



Dr. M N NARAYANAN
NAMBOOTHIRI



Dr. KRISHNA
HANUMANTHU

Contact us:
mathematics@stjosephs.edu.in
8943207983, 9843766046

INAUGURAL CEREMONY

Prayer	: M V Reshma Student II M Sc Mathematics
Welcome	: Ms Sherin Jose T Asst. Professor & Head Department of Mathematics
Presidential Address	: Dr. Sr. Asha Therese Principal, St. Joseph's College, Irinjalakuda
Inauguration	: Dr. M N Narayanan Namboothiri Emeritus Professor Department of Mathematics, CUSAT
Felicitation	: Dr. Sr. Christy Former Principal & Associate Professor Department of Mathematics
Vote of Thanks	: Ma. Sinda Joy Assistant Professor Department of Mathematics

Programme recording:

Inaugural Session:

https://drive.google.com/file/d/1xIZb8_bmT76NK4DIDX9OdABtcINiSG74/view

Session1:

https://drive.google.com/file/d/17gK_tpLH958YN7Athiffp7aU5NQnvqIE/view

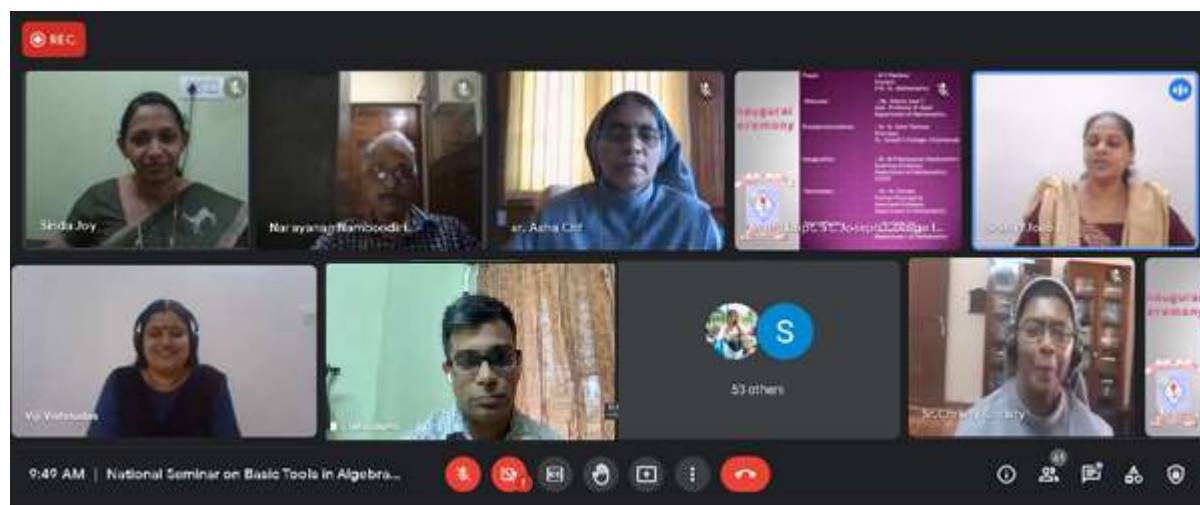
Session2:

<https://drive.google.com/file/d/1WjuAVMqInyF5VdUkrrRHueW5J2HG7NdB/view>

Session3:

<https://drive.google.com/file/d/1wotmRmBAvphTXhukInKwoYAeNsPTpcdv/view>

Programme Screenshots



Meeting ID: 894008696380 | Meet - National Seminar on Basic Tools in Algebra

https://meet.google.com/gjzndtuyep?w=1

REC | Mr. Jayaram Narasimhan is presenting

10:21 AM | National Seminar on Basic Tools in Algebra...

Brochure data file...docx | PGM schedule pptx | AGM schedule-1.pdf | PGM schedule-1.pdf | png_20220202_13...png

Meeting ID: 894008696380 | Meet - National Seminar on Basic Tools in Algebra

https://meet.google.com/gjzndtuyep?w=1&authuser=3

REC | V. V. Maheshwari is presenting

1:00 PM | National Seminar on Basic Tools in Algebra...

Brochure data file...docx | PGM schedule pptx | PGM schedule-1.pdf | PGM schedule-1.pdf | png_20220202_13...png



Model Certificate



Paper News



Online Feedback form: <https://forms.gle/rHqLgB8YsbNtp4Dp8>

Participants List

name	11:25:21 AM	11:25:29 AM	11:28:15 AM	11:29:10 AM	11:29:35 AM	11:29:47 AM	11:30:11 AM	11:45:11 AM	percentage
Math Dept. St. J	Present	Present	Present	Present	Present	Present	Present	Present	100%
Alagananda Vp	Present	Present	Present	Present	Present	Present	Present	Present	100%
ALEENA A J	Present	Present	Present	Present	Present	Present	Present	Present	100%
ALMA ROY	Present	Present	Present	Present	Present	Present	Present	Present	100%
Alphy Joseph	Present	Present	Present	Present	Present	Present	Present	Present	100%
Anagha Shaji	Present	Present	Present	Present	Present	Present	Present	Present	100%
ANAGHA V GOE	Present	Present	Present	Present	Present	Present	Present	Present	100%
Ancy Joby	Present	Present	Present	Present	Present	Present	Present	Present	100%
ANIDA BEENY A	Present	Present	Present	Present	Present	Present	Present	Present	100%
ANILA NA NA	Present	Present	Present	Present	Present	Present	Present	Present	100%
ANISHA BABU	Present	Present	Present	Present	Present	Present	Present	Present	100%
Anjali Jose	Present	Present	Present	Present	Present	Present	Present	Present	100%
ANUN DAVIS	Present	Present	Present	Present	Present	Present	Present	Present	100%
arathy manesh	Present	Present	Present	Present	Present	Present	Present	Present	100%
Aswathy K	Present	Present	Present	Present	Present	Present	Present	Present	100%
ATHULYA BENI	Present	Present	Present	Present	Present	Present	Present	Present	100%
ayana george	Present	Present	Present	Present	Present	Present	Present	Present	100%
Baby A.K	Present	Present	Present	Present	Present	Present	Present	Present	100%
BUBLY BABU	Present	Present	Present	Present	Present	Present	Present	Present	100%
DEVIKA V S	Present	Present	Present	Present	Present	Present	Present	Present	100%
Dhanya V's	Present	Present	Present	Present	Present	Present	Present	Present	100%
dhrisya k	Present	Present	Present	Present	Present	Present	Present	Present	100%
Fathima T M	Present	Present	Present	Present	Present	Present	Present	Present	100%
Fijy Jose P	Present	Present	Present	Present	Present	Present	Present	Present	100%
Gayathri P S	Present	Present	Present	Present	Present	Present	Present	Abscent	87.50%
GOPIKA GOPI	Present	Present	Present	Present	Present	Present	Present	Present	100%
henna Kb	Present	Present	Present	Present	Present	Present	Present	Present	100%
Henna T Paul	Present	Present	Present	Present	Present	Present	Present	Present	100%
JINCY C J	Present	Present	Present	Present	Present	Present	Present	Present	100%
JISMY VARGHE	Present	Present	Present	Present	Present	Present	Present	Present	100%
karthika komarat	Present	Present	Present	Present	Present	Present	Present	Present	100%
kktm Mathis	Present	Present	Present	Present	Present	Present	Present	Present	100%
Krishnadas Asho	Present	Present	Present	Present	Present	Present	Present	Present	100%
Krishnaprabha R	Present	Present	Present	Present	Present	Present	Present	Present	100%
M V RESHMA	Present	Present	Present	Present	Present	Present	Present	Present	100%
Manitha U S	Present	Present	Present	Present	Present	Present	Present	Abscent	87.50%
Nanditha Nandak	Present	Present	Present	Present	Present	Present	Present	Present	100%
Narayanan Namk	Present	Present	Present	Present	Present	Present	Present	Present	100%
Nihala Yasmin T	Present	Present	Present	Present	Present	Present	Present	Present	100%
Nimmy	Present	Present	Present	Present	Present	Present	Present	Abscent	87.50%
Rajma Babu	Present	Present	Present	Present	Present	Present	Present	Present	100%
Ramya P	Present	Present	Present	Present	Present	Present	Present	Present	100%
RIYA DEVIASSY	Present	Present	Present	Present	Present	Present	Present	Present	100%
sabnaks ks	Present	Present	Present	Present	Present	Present	Present	Abscent	87.50%
Sandra K.R	Present	Present	Present	Present	Present	Present	Present	Present	100%
saranya ks	Present	Present	Present	Present	Present	Present	Present	Present	100%
SEESHMA ASO	Present	Present	Present	Present	Present	Present	Present	Present	100%
Sherin Jose T	Present	Present	Present	Present	Present	Present	Present	Present	100%
Sinda Joy	Present	Present	Present	Present	Present	Present	Present	Present	100%
SVANYA C M	Present	Present	Present	Present	Present	Present	Present	Present	100%
Sneha Joseph	Present	Present	Present	Present	Present	Present	Present	Abscent	87.50%
Sona Rajan	Present	Present	Present	Present	Present	Present	Present	Abscent	87.50%
Sr Clare	Present	Present	Present	Present	Present	Present	Present	Present	100%
sreelakshmy sun	Present	Present	Present	Present	Present	Present	Present	Present	100%
SRUTHY ANRUI	Present	Present	Present	Present	Present	Present	Present	Present	100%
V.N.Harish SKV	Present	Present	Present	Present	Present	Present	Present	Present	100%
Vibiya Wilson	Present	Present	Present	Present	Present	Present	Present	Present	100%
Viji Vishnudas	Present	Present	Present	Present	Present	Present	Present	Present	100%
Naja V	Abscent	Abscent	Abscent	Present	Present	Present	Present	Present	62.50%
ANU DAVIS	Abscent	Abscent	Abscent	Abscent	Abscent	Abscent	Abscent	Present	12.50%

name	2:13:32 PM	percentage
Math. Dept. St. J	Present	100%
Alphy Joseph	Present	100%
Aparna M A	Present	100%
Aziya T.A.	Present	100%
Dhanya Vs	Present	100%
Fathima T M	Present	100%
Fijy Jose P	Present	100%
kktm Maths	Present	100%
Krishna Hanuma	Present	100%
Krishnadas K	Present	100%
Rahna Babu	Present	100%
Ramya P	Present	100%
Rani MJ	Present	100%
sabnaks ks	Present	100%
Sherin Jose T	Present	100%
Sinda Joy	Present	100%
sona das	Present	100%
Sona Rajan	Present	100%
Sowmya K	Present	100%
Sr Clare	Present	100%
sreelakshmy sur	Present	100%
SRUTHY ANIRUI	Present	100%
V.N.Harish SKVC	Present	100%