

St. Paul's College, Kalamassery

Archdiocese of Verapoly

Affiliated to the Mahatma Gandhi University, Kottayam

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ADMA-ICDM 2025 PRE- CONFERENCE WORKSHOP ON NETWORK ANALYSIS, 5-6 JUNE 2025.

Venue / Platform	: St. Paul's College, Kalamassery
Date (s)	: 05-06 June 2025
Time	: 9:30am-4:30pm
Name of Collaborating Agency (if any)	: Academy of Discrete Mathematics and Applications (ADMA)
No: of student participants	: 75

The objectives:

- To develop research aptitude of the participants.
- To understand the recent trends of research in Network Analysis.
- To foster an environment to discuss and collaborate with other institutions.

About the Programme:

It was indeed a great opportunity for the Postgraduate and Research Department of Mathematics, St. Paul's College, Kalamassery, to host the two-day pre-conference workshop of ICDM 2025 on the topic "Network Analysis" in association with ADMA on June 5–6, 2025. The pre-conference was inaugurated by Prof. Ambat Vijayakumar, Emeritus Professor, Cochin University, and President of ADMA. The keynote session on "Signed Graphs and Social Networks" was led by Dr. Mukti Acharya, formerly of the Department of Applied Mathematics, Delhi Technological University. The second session on "Complex Network Approach for Recurrence Analysis of Time Series" was handled by Dr. Divya Sindhu Lekha, IIIT, Kottayam. The next session was on "Security in Networks" by Dr. Chithra M.R., University of Kerala, and the programmes for the first day came to an end with a problem session followed by an open discussion.



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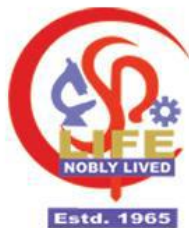
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The second day of the pre-conference began with a session on “Brain Network through the Lens of Graph Theory,” by Dr. Seema Varghese, Govt. Engineering College, Thrissur. The next session was a hands-on session on the topic “Network Analysis using NetworkX” by Dr. Sudev N.K., Christ (Deemed to be University), Bangalore. The final session, “Graph Analytics for Social Network Analysis,” was led by Dr. Somasundaram K. of Amrita Vishwa Vidyapeetham, Coimbatore.

About 75 participants from various institutions nationwide, including IIT-Bhubaneswar, Jawaharlal Nehru University, Christ (Deemed to be University), Bangalore, IIIT, Kottayam, and Amrita Vishwa Vidyapeetham, attended the workshop. In their feedback, participants opined that all sessions were very relevant and informative. They thanked the organizers for conducting the workshop, and the two-day pre-conference workshop concluded with a valedictory function.

Achieved Outcomes:

- Participants gained a solid understanding of Network Analysis Concepts including centrality measures, network topology and visualization techniques.
- Participants got an opportunity to have an hands on experience with the specialized software pacakage NetworkX.
- Participants learned to extract meaningful insights from complex network, identify patterns and predict trends.



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Brochure/Poster:



St. Paul's College, affiliated to Mahatma Gandhi University, Kottayam and regulated by UGC is a prestigious arts and science college which functions under the Archdiocese of Verapoly. The college is committed to serving economically and socially marginalized sections of society. The Department of Mathematics was established in the year 1985 with the commencement of the B.Sc. Mathematics programme and became a postgraduate department when M.Sc. Mathematics started in the year 1995. Our department's remarkable journey reached new heights with its upgrade to a research centre of Mahatma Gandhi University in 2024. We have successfully organized several international, national and state-level academic programs in various branches of Mathematics for the past three decades.

Organizing Committee

Rev. Fr. Varghese Vallyparambil	Manager
Prof. Pramada Ramachandran	Principal
Rev. Fr. Felix Chullickal	PRO
Rev. Fr. Raphael Kalluvettil	Assistant Manager
Rev. Fr. Jacob Baiju Ben	Coordinator,
	Self-Finance Section
Dr. Savitha K. S.	Convenor & HoD
Prof. Manju K Menon	Vice Principal
Ms. Nisha V. M.	
Ms. Nimmy George	
Ms. Alaka Mohan	
Ms. Disna Mary Joseph	
Mr. Tenish Antony	

Dear Sir/Madam,

The Department of Mathematics, St. Paul's College, Kalamassery is organizing a two day ADMA-ICDM 2025 pre-conference workshop on Network Analysis on 5th and 6th of June 2025.

We invite scientists, faculty, research scholars and post graduate students of your institution to attend this workshop.

With warm regards,

Prof. Pramada Ramachandran
Principal

Dr. Savitha K. S.
Convenor & HoD

ST. PAUL'S COLLEGE KALAMASSERY

NAAC RE - ACCREDITED WITH 'A' GRADE
HMT COLONY P.O. - KALAMASSERY
KERALA- 683503

AFFILIATED TO MAHATMA GANDHI UNIVERSITY, KOTTAYAM

INTERNATIONAL CONFERENCE ON DISCRETE MATHEMATICS (ICDM) ADMA-ICDM 2025 PRE - CONFERENCE WORKSHOP ON NETWORK ANALYSIS

5 - 6 June 2025

Organized by

**Postgraduate & Research
Department of Mathematics
St. Paul's College, Kalamassery**

in collaboration with

ADMA



About the workshop

Network analysis, often referred to as the study of networks, applies graph theory principles to practical systems, such as communication networks, social networks, and biological networks. It focuses on analysing and understanding real-world structures, behaviours, and interactions.

This workshop aims to introduce participants to the concepts, methods, and tools used in network analysis that are essential for understanding the relationships and structures within various complex systems. Participants will also be exposed to the current research scenarios, discussions, and problem-solving sessions in the subject.

Starting Date of Registration : 01.03.2025

Last Date of Registration : 20.05.2025

For registration : [Click Here](#)

Please note that the total number of participants is restricted to 70.

List of Speakers

- **Dr. Chithra M.R.**
Assistant Professor
University of Kerala.
- **Dr. Divya Sindhu Lekha**
Assistant Professor
IIIT Kottayam.
- **Dr. Mukti Acharya**
Former Professor and Head
Department of Applied Mathematics
Delhi Technological University
- **Dr. Seema Varghese**
Professor
Govt. Engineering College, Thrissur.
- **Dr. Somasundaram K.**
Professor
Amrita Vishwa Vidyapeetham,
Coimbatore.
- **Dr. Sudev N.K.**
Professor
Christ (Deemed to be University)
Bangalore.

For more details :

Dr. Savitha K. S.
Convenor & HoD
Department of Mathematics
St Paul's College, Kalamassery
Kerala-683503

☎ **9947289367**

✉ **savitha@stpauls.ac.in**

About ADMA

The Academy of Discrete Mathematics and Applications (ADMA) is a registered professional body functioning with the aim of promoting active and quality research in Discrete Mathematics and allied subjects. Established in 2005, it has been successfully disseminating front-line research culture among the discrete mathematicians in India.

Registration Fee:

For Students : INR 500
For ADMA members : INR 1500
For Faculty / Research Scholars : INR 2000

The registration fee does not include accommodation charges. The participants who need accommodation will be assisted in finding accommodation as per prior request and availability.



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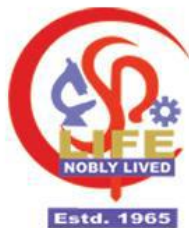


Ernakulam, Kerala, India

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05/06/2025 09:52 AM GMT +05:30



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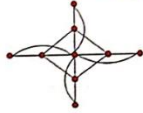
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Specimen Certificate:



ADMA-ICDM 2025

PRE-CONFERENCE WORKSHOP ON NETWORK ANALYSIS

organised by
Postgraduate & Research Department of Mathematics
St. Paul's College, Kalamassery
(June 5-6, 2025)

This is to certify that Dr. /Mr. /Ms. NLSHA VM, ASSISTANT PROFESSOR
DEPARTMENT OF MATHEMATICS, ST. PAUL'S COLLEGE, KALAMASSERY
has participated in the ADMA-ICDM 2025 PRE-CONFERENCE WORKSHOP ON NETWORK ANALYSIS
organised by the Postgraduate and Research Department of Mathematics, St. Paul's College, Kalamassery, Ernakulam,
Kerala in collaboration with Academy of Discrete Mathematics and Applications (ADMA) during June 5-6, 2025.


Dr. Savitha K. S.
Convenor




Prof. Pramada Ramachandran
Principal



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Attendance Sheet: Page 1

ADMA-ICDM PRE-CONFERENCE WORKSHOP ON NETWORK ANALYSIS, JUNE 5-6, 2025

Attendance Sheet

Sl No	Name	Designation	Official Address	Mobile Number	Mail id	05-06-2025	06-06-2025
1	Alaka Mohan	Research Scholar	St. Paul's College, Kalamassery	7012613426	alaka171996@gmail.com		
2	Aneesa K B	Research Scholar	Assistant Professor, KMM College of Arts and Science, Thrikkakara	9746132420	aneesakb10@gmail.com		
3	Ann Mary George	Research Scholar	Research Scholar, St. Paul's College, Kalamassery	9074957433	annroose397@gmail.com		
4	Aswathi H	RESEARCH SCHOLAR	ST. PAUL'S COLLEGE KALAMASSERY	8281465387	aswathikalady98@gmail.com		
5	Aswathy C S	STUDENT(Msc Mathematics)	BIHARATA MATA COLLEGE (AUTONOMOUS)	7510775134	csawathy03@gmail.com		
6	Chosching Lazus	Phd Scholar	School of Computational and Integrative Science, JNU Delhi	6006252661	elazes1297@gmail.com		
7	Christy Judeson	Project Assistant	BCM College Kottayam	7907621132	christyjudeon@gmail.com		
8	Dary John	Assistant Professor	Dept. of Mathematics, Neman College, Thodupuzha	9446517397	daryjohn@gmail.com		
9	Dina Mary Joseph	Research Scholar	St. Paul's College Kalamassery	9633909738	dinamaryjoseph@gmail.com		
10	Divya K D	Assistant Professor	Sree Narayana College Nattika	9745398492	divyarenju@gmail.com		



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Attendance Sheet: Page 2

Sl No	Name	Designation	Official Address	Mobile Number	Mail id	05-06-2025	06-06-2025
✓ 11	Dr. Deepthi Mary Tresa S	Assistant Professor	Govt. Arts and Science College, Vypin	9539548217	deepthiyc@gmail.com		
✓ 12	Dr. Seena Varghese	Assistant Professor	Assistant Professor, Postgraduate and Research Department of Mathematics, Christ College (Autonomous), Irinjakkuda	9447219752	seenvarghese@christcollege.edu.in	-	
✓ 13	Dr. Thanuja T S	Assistant Professor	DEPARTMENT OF MATHEMATICS, AL-AMEEN COLLEGE, EDATHALA	9746111462	thanuja963@gmail.com		
✓ 14	Fathima A	Research Scholar	Department of Mathematics, University of Kerala, Karavattom Campus	7538063455	fathimasunil5@gmail.com		
✓ 15	Gisha Saraswathy	Research Scholar	Souparnika, Pallipurathu Kavu, Kottayam	9746139934	gisha1988saraswathy@gmail.com		
✓ 16	Glades Mariya Thomas	Student (Misc Mathematics)	Bharata Mata College (Autonomous), Thrikkakara	8281846935	marryascena72@gmail.com		
✓ 17	Jayalekshmi K K	Assistant Professor	Assistant Professor, Department of Mathematics, NSS College, Pandalam	9447803646	jlekshmi1@gmail.com		
✓ 18	Kavitha Mathew	Asst. Prof. Maths	Kavitha Mathew, Asst. Prof. Maths, GPTC Kottayam	9497775345	kavithamathew01@gmail.com		
✓ 19	Lakshmi Girish	Faculty Associate	Amrita Vishwa Vidyapeetham, Kochi Campus	9048497671	lakshminizworld@gmail.com		
✓ 20	Linnet Roslin Antony	Assistant Professor	Assistant Professor, Post-Graduate & Research Department of Mathematics, Sacred Heart College Autonomous, Chalakudy	8589933242	linnet.roslin@sacredheartcollege.ac.in		
✓ 21	Md Sohail	Research scholar	IIT BHU, Varanasi	9955963921	mdsohail.rs.mat23@itbhu.ac.in		
✓ 22	Miji Philip	Assistant Professor	Department of Applied Science and Engineering, TKM Institute of Technology	9847413471	mijiphip@tkmit.ac.in		



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Attendance Sheet: Page 3

Sl No	Name	Designation	Official Address	Mobile Number	Mail id	05-06-2025	06-06-2025
✓ 23	Nathasha Ruby	Research Scholar	St Paul's College, Kalamassery	9400820567	nathasha95baby@gmail.com		
✓ 24	Navana P G	Visiting Scholar	Indian Institute of Information Technology, Kottayam	9496340048	navanapg@gmail.com		
✓ 25	Neenu Susan Paul	Assistant Professor	Department of Mathematics, St. Teresa's College, Ernakulam	9895641033	susanneenu@gmail.com		
26	Nikita Behera	Research scholar	Department of mathematical sciences, IIT (BHU), Varanasi	8337980647	nikitabehera.rs.mat24@itbhu.ac.in		
27	Paritosh Maurya	Research scholar	Department of mathematical science IIT BHU	7851871889	paritoshmaurya.rs.mat24@itbhu.ac.in		
28	Pranjal Parashar	Research Scholar	Department of Mathematical Sciences, IIT BHU Varanasi	6261545710	pranjalparashar.rs.mat24@itbhu.ac.in		
✓ 29	Roeja S B	Research Scholar	Department of Mathematics, University College, TVPM	9400933551	roejasb15_sir@jnu.ac.in		
✓ 30	Sheeja T K	Assistant Professor	Assistant Professor, Department of Mathematics, Christian College, Kattakada, Thiruvananthapuram	7012008147	sheejatk2011@gmail.com		
31	Shikha Tripathi	Ph.D	School of computational and integrative sciences	8005032138	Shikha15_sir@jnu.ac.in		
32	Shikha Tripathi	Ph.D scholar	School of computational and integrative sciences, Jawaharlal Nehru College, New Delhi	8005037138	Shikha15_sir@jnu.ac.in		
✓ 33	Shivaparakasha	Research Scholar	IIT (BHU)	8018775250	Shivaparakasha.ra.mat21@iit.ac.in		
✓ 34	Sikha A S	Research Scholar	St. Paul's College, Kalamassery	9188775124	sikhakottamallal25@gmail.com		



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Attendance Sheet: Page 4

Sl No	Name	Designation	Official Address	Mobile Number	Mail id	05-06-2025	06-06-2025
35	Smrati Parvley	Research Scholar	Department of Mathematical Science, IIT BHU	6193167245	Smrati.pandey.rs.mat20@iitbhu.ac.in		
36	Soniya Joseph	Research Scholar	Christ (Deemed to be University) Bengaluru	9656724817	soniya.joseph@res.christuniversity.in		
37	Subha AB	Assistant Professor	Govt. Engineering college, Bartonhill, Trivandrum	9747148413	subhajayadev@gmail.com		
38	Surya S	Research Scholar	St Paul's College, Kalamassery	9961135494	suryas1116@gmail.com		
39	Suryanshu Singh	Research Scholar	Department of Mathematical Sciences, IIT BHU	8896012529	suryanshusingh.rs.mat24@iitbhu.ac.in		
40	Susmitha Scaria	Research Scholar	Mar Athanasius College (Autonomous), Kothamangalam	8281777520	susmithascaria13@gmail.com		
41	Swarna	Research scholar	Research scholar, Department of Mathematics, St. Paul's college kalamassery	8138841377	swarna08042000@gmail.com		
42	Thasneem T R	Assistant Professor	Department of Mathematics, Maharajas College, Ernakulam	9633029979	thasneem@maharajas.ac.in		
43	Tushar Dedha	Research scholar	Room number 20 School of computational and Integrative Sciences Jawaharlal Nehru University New Delhi 110067	9810043914	tushar77_sit@jnu.ac.in		
44	Vandita Narayan Kamal	Research scholar	Department of Mathematical and Computational Sciences, NITK	8407978416	kamalvandita3@gmail.com		
45	Vismaya Joy	Student (Msc mathematics)	Bharata Mata college (Autonomous), Thrikkakara	8590533677	vjoy1926@gmail.com		
46	Zeta Paul	Assistant Professor	Department of Mathematics, AQUINAS COLLEGE, Edakochi	8517240300	zeta.aquinas@gmail.com		



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Attendance Sheet: Page 5

Sl No	Name	Designation	Official Address	Mobile Number	Mail id	05-06-2025	06-06-2025
47	NITHYA MURALEEDHARAN	Research Scholar	NIT Kozhikode, Surathkal	9539779750	nithya.217ma106@nitk.edu.in	Net	
48	ROBY B ANTONY	Asst. Professor	Bharata Mata College, Thiruvananthapuram	996693344	robby.b@bharatamatacollege.in	Net	
49	Dr. SUSAN RAY JOSEPH	Asst. Professor	Max Athanasius College Kottamangalam	9847903897	susanray.joseph@gmail.com	Net	
50	Asha P	Research Scholar	Dept. of Mathematics University of Kerala	8593089630	ashapaily95@gmail.com	Net	
51	ZETA PAUL	Asst. Prof. Research Scholar	Aquinas College, Edathacochi	8547240300	zeta.aquinas@gmail.com	Net	
52	ALAKA MONI	RESEARCH SCHOLAR	St Paul's College, Kalamassery	702613426	alaka.17199@gmail.com	Net	
53	SHEHA A S	RESEARCH SCHOLAR	St. Paul's College, Kalamassery	9183775134	shehakollamulla125@gmail.com	Net	
54	TUSHAR DEBHA	RESEARCH SCHOLAR	Room no. 20 SCIS, JNU, Delhi 110067	980043914	tushar77-sit@jnu.ac.in	Net	
55	MOHAMMAD LAZES	RESEARCH SCHOLAR	SCIS, JNU, Delhi, 110067	60063966	clap21321@gmail.com	Net	
56	Siddhant Brijendra	Research Scholar	SCIS, Room no. -20 JNU, New Delhi 110067	8005037132	siddhant15-sit@jnu.ac.in	Net	
57	Shreya J K	Asst. Prof	Dept. of Mathematics Christian College, Kottakode Kuppam	7072998147	shreya		
58	DISANTH STEPHEN	Research Scholar	St Paul's College, Kalamassery	9633909738	disanthjoseph@gmail.com	Net	

Attendance Sheet: Page 6

Sl No	Name	Designation	Official Address	Mobile Number	Mail id	05-06-2025	06-06-2025
51.	Dr. Chanthushel Dechamonde	Secretary, ADMA	COEP Technological University, Pune (Maharashtra)	988176336	chanthushel@gmail.com		
52	Dr. Seetha Varghese	Assistant Professor	Department of Mathematics, Bharata Mata College, Thiruvananthapuram	854705301	seetha@bharata-mata.ac.in		
53	Dr. Mukti Aravind	Professor(Rtd.)	Department of Applied Mathematics, RKMV Technological University	7347225	mukti@rkmv.ac.in		
54	Dr. Dinesh Sankaranarayanan	Assistant Professor	IIIT K, Kottayam	944604115	dinesh@iiitkottayam.ac.in		
55	Dr. Seema Varghese	Professor	Govt. Engineering College, Thiruvananthapuram				
56	Dr. Sudesh N K	Professor	Chavil (Deemed to be University), Bangalore	761874507	sudesh@chaviluniversity.ac.in		
57	Dr. Sankar K	Professor	Ananta Vilasam Vidyapeetham, Coimbatore	9443557	sankar@ananta.ac.in		
58	Dr. Mary K. Thomas	Professor	St. Paul's College, Kalamassery	98453	mary@stpauls.ac.in		
59.	Mr. Nirmal George	Assistant Professor on Contract	St. Paul's College, Kalamassery	812780	nirmal@stpauls.ac.in		
60.	Mr. Anand Nandankutty	Assistant Professor on Contract	St Paul's College, Kalamassery	807579	anand@stpauls.ac.in		
62	Mr. Anand Nandankutty	Assistant Professor	St Paul's College, Kalamassery	4452	anand@stpauls.ac.in		
63	Mr. Anand Nandankutty	Assistant Professor	St Paul's College, Kalamassery	4452	anand@stpauls.ac.in		
63	Mr. Anand Nandankutty	Assistant Professor	St Paul's College, Kalamassery	4452	anand@stpauls.ac.in		



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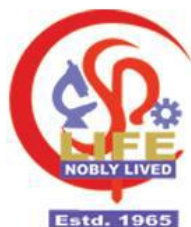
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Attendance Sheet: Page 7

Sl No	Name	Designation	Official Address	Mobile Number	Mail id	05-06-2025	06-06-2025
67	Susha K Prakash	Student	Ind Msc. Mathematics	7306615470	sushakprakash2018@gmail.com	Present	Present
68	Aranyashree Jib M S	Student	Ind Msc. Mathematics	9496840627	sahini.m.s.14@gmail.com	Present	Present
69	Veena Babu	Student	Ind Msc. Mathematics	7166945802	veenababu2020@gmail.com	Present	Present
70	Shabna V R	Student	Ind Msc. Mathematics	8848216526	shabnamath619@gmail.com	Present	Present
71	Devika N P	Student	Ind Msc. Mathematics	6238316979	Devikapradheep43@gmail.com	Present	Present
72	Sandhya V	Student	Ind Msc. Mathematics	903358884	Sandhyamath@gmail.com	Present	Present
73	Lakshmi Lajja	Student	Ind Msc. Mathematics	7994555389	lakshmilajja@gmail.com	Present	Present
74	Naicy P J	Student	Ind Msc. Maths	9012211902		Present	Present
75	Libra Ellybeth	Student	Ind Msc. Maths	7732480836		Present	Present
76	Amritha Rij	Student	Ind Msc. Maths	7907515389		Present	Present
77	Saniya	Student	Ind Msc. Maths	8590409338		Present	Present
78	Dr. Savitha K S	Associate Professor	St. Paul's College Kalamassery	9947229367	savitha@stpauls.ac.in	Present	Present



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Signatures of Convenor

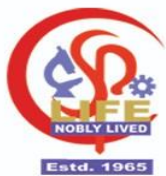
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Name of the faculty who prepared the document

: Dr. Savitha K.S

Phone number of the faculty who prepared the document

: 9947289367



"Share and Explore"

A knowledge exchange programme among the scholars.

Venue / Platform	: Research Room
Date (s)	: August 2025 to May 2026
Time	: Between 10 am and 3:00 pm
Resource Person	: Research Scholars
Name of Collaborating Agency (if any)	: Nil
Level	: Department
No: of teacher participants	: 1
No: of student participants	: 7

Brief Description:

Research Scholars, under the guidance of Dr. Savitha K.S, shared their knowledge in various branches of Mathematics, namely Algebra, Analysis, Graph theory, Calculus and Topology during August 2025-May 2026. Interactive discussions on various topics kept the sessions engaging and interactive.

Benefits in terms of learning/skill/knowledge obtained

1. Improved knowledge of fundamental concepts.
2. Developed confidence in the presentation of basic concepts.
3. Improved problem-solving skill.



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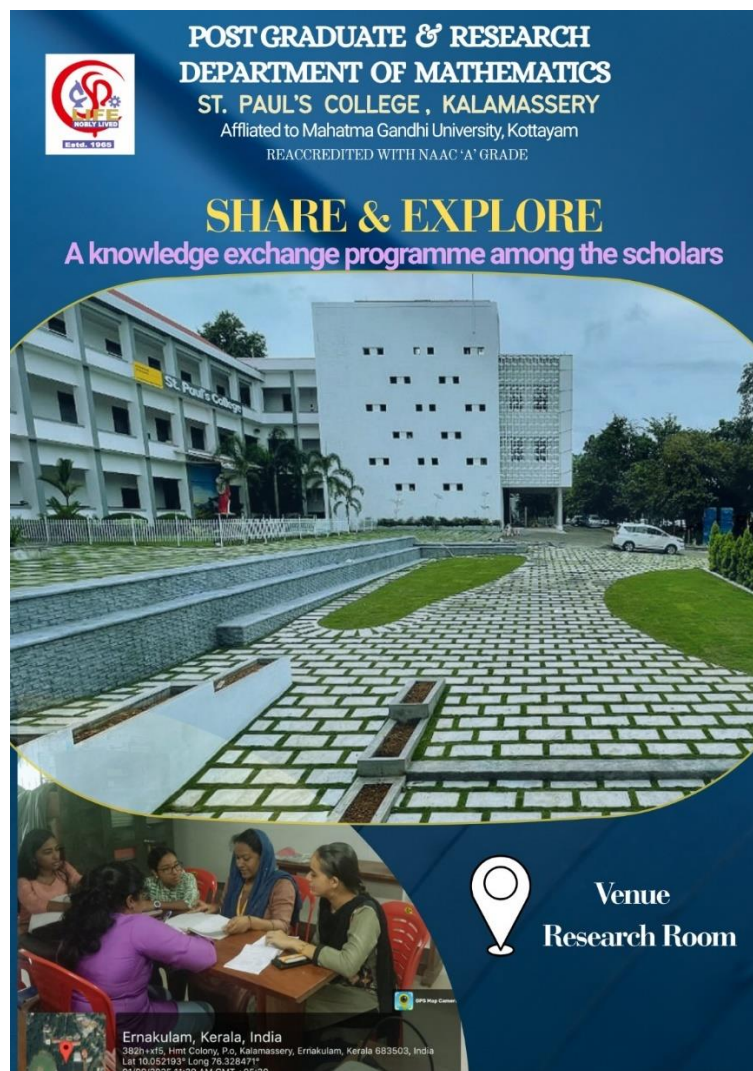
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Brochure/Poster:



SCHEDULE OF SESSIONS :

TOPIC OF DISCUSSION	DATE	DISCUSSION INITIATED BY	PARTICIPANTS
ELEMENTS OF SET	19/08/2025	ALAKA MOHAN	ANN MARY GEORGE



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Estd. 1965

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THEORY			
			ASWATHI H
			SIKHA A S
ALGEBRA OF COMPLEX NUMBERS	19/08/2025	ASWATHI H	ALAKA MOHAN
			ANN MARY GEORGE
			SIKHA A S
BINARY OPERATIONS	25/08/2025	ANN MARY GEORGE	ALAKA MOHAN
			ASWATHI H
			SIKHA A S
DIFFERENTIAL EQUATIONS	09-09-2025	ANEESA K B	ALAKA MOHAN
			ANN MARY GEORGE
			ASWATHI H
			SIKHA A S
FUNCTIONS	15/09/2025	ALAKA MOHAN	ANN MARY GEORGE
			ASWATHI H
			SIKHA A S
			DISNA MARY JOSEPH
ANALYTIC FUNCTIONS	15/09/2025	ASWATHI H	ALAKA MOHAN
			ANN MARY GEORGE
			DISNA MARY JOSEPH
			SIKHA A S
ISOMORPHIC BINARY STRUCTURES	16/09/2025	ANN MARY GEORGE	ALAKA MOHAN
			ASWATHI H
			SIKHA A S
LEBESGUE FUNCTIONS	16/09/2025	SIKHA A S	ALAKA MOHAN
			ASWATHI H
			ANN MARY GEORGE
METRIC SPACE	25/11/2025	ALAKA MOHAN	ASWATHI H
			ANN MARY GEORGE
			SIKHA A S
GROUPS	25/11/2025	ANN MARY GEORGE	ALAKA MOHAN
			ASWATHI H
			SIKHA A S
ML INEQUALITY	25/11/2025	ASWATHI H	ANN MARY GEORGE
			ALAKA MOHAN
			SIKHA A S
LEBESGUE OUTER MEASURE	25/11/2025	SIKHA A S	ALAKA MOHAN
			ASWATHI H
			ANN MARY GEORGE
SUBGROUPS	12-02-2025	ANN MARY GEORGE	ALAKA MOHAN
			ASWATHI H
			SIKHA A S
CAUCHY'S INTEGRAL FORMULA	12-02-2025	ASWATHI H	ALAKA MOHAN



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			ANN MARY GEORGE
			SIKHA A S
METRIC SPACE AND EXAMPLES		ALAKA MOHAN	ALAKA MOHAN
			SIKHA A S
			ANN MARY GEORGE
MEASURE	11-04-2026	SIKHA A S	ALAKA MOHAN
			SIKHA A S
			ANN MARY GEORGE
NORMAL SUBGROUP, HOMOMORPHISM, VECTOR SPACE, SUBSPACE	11-04-2026	ANN MARY GEORGE	ALAKA MOHAN
			SIKHA A S
			ANN MARY GEORGE
TOPOLOGY, CONTINUOUS FUNCTIONS, COMPACT SPACE	17-04-2026	ALAKA MOHAN	ALAKA MOHAN
			SIKHA A S
			ASWATHI H
			ANEESA K B
MEASURABLE SET	17-04-2026	SIKHA A S	ALAKA MOHAN
			SIKHA A S
			ASWATHI H
			ANEESA K B
SECOND ORDER HOMOGENEOUS ODE	17-04-2026	ANEESA K B	ALAKA MOHAN
			SIKHA A S
			ASWATHI H
			ANEESA K B
LIMIT, CONTINUITY, DIFFERENTIABILITY, POWER SERIES	17-04-2026	ASWATHI H	ALAKA MOHAN
			SIKHA A S
			ASWATHI H
			ANEESA K B
DISCUSSION ON VARIOUS QUESTIONS	22-04-2026	ALAKA MOHAN	ALAKA MOHAN
			ANEESA K B
			ANN MARY GEORGE
			ASWATHI H
UC SET, NON HOMOGENEOUS SECOND ORDER LINEAR DIFFERENTIAL EQUATIONS	22-04-2026	ANEESA K B	ALAKA MOHAN
			ANEESA K B



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			ANN MARY GEORGE
			ASWATHI H
BASIS, ALGEBRA OF MATRICES	22-04-2026	ANN MARY GEORGE	ALAKA MOHAN
			ANEESA K B
			ANN MARY GEORGE
			ASWATHI H
SEQUENCE OF REAL NUMBERS, LIMIT, CONVERGENCE	22-04-2026	ASWATHI H	ALAKA MOHAN
			ANEESA K B
			ANN MARY GEORGE
			ASWATHI H
TOPOLOGY	23-05-2026	ALAKA MOHAN	ALAKA MOHAN
			ASWATHI H
			ANN MARY GEORGE
			SIKHA A S
THEOREMS	23-05-2026	ASWATHI H	ALAKA MOHAN
			ASWATHI H
			ANN MARY GEORGE
			SIKHA A S
GRAPH THEORY	23-05-2026	ANN MARY GEORGE	ALAKA MOHAN
			ASWATHI H
			ANN MARY GEORGE
			SIKHA A S
MEASURE	23-05-2026	SIKHA A S	ALAKA MOHAN
			ASWATHI H
			ANN MARY GEORGE
			SIKHA A S



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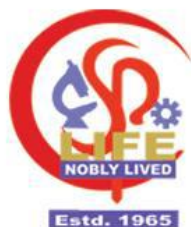
Signatures of Convenor/Head/Principal (as necessary)

Name of the faculty who prepared the document

: Dr. Savitha K.S

Phone number of the faculty who prepared the document

: 9947289367



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"ILLUMINATE"-A Research Mentorship Programme

Venue / Platform	: S 26
Date (s)	: 14.08.2025
Time	: 12:30pm
Resource Person	: Prof. Aparna Lakshmanan S
Level	: Department
No: of participants	: 12

Brief Description:

"Illuminite- A Research Mentorship programme was organized by the department of Mathematics for its research scholars on 14. 08 2025. Prof. Aparna Lakshmanan S of CUSAT was the resource person. She explained how to enhance their knowledge in various domains such as literature review, setting research goals, academic writing, research collaborations etc. which are necessary for a young researcher. She also gave guidelines to improve the researcher's confidence and independence. As per the request from the participants, she demonstrated various graph drawing tools also. Overall, the session was very effective and meaningful.

Benefits in terms of learning/skill/knowledge obtained:

Participants developed understanding in the following domains.

1. Academic writing
2. Preparation of good literature review.
3. Graph drawing tools.
4. Setting of research goals.
5. Quality publications.



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Brochure/Poster:



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Postgraduate and Research
Department of Mathematics

"ILLUMINATE"-A RESEARCH MENTORSHIP PROGRAMME

Dr. APARNA LAKSHMANAN S

Professor
Department of Mathematics
Cochin University of Science and Technology



14 August 2025

12:30 PM

S27

Faculty Coordinator: Dr. Savitha K. S (Associate Professor)
Student Coordinator: Ms. Rachel Paul (Research Scholar)

Attendance Sheet:

51

ILLUMINATE - A RESEARCH MENTORSHIP PROGRAMME

Date: 14/8/2025
venue: S26

Organised by: Dept. of Mathematics
Coordinated by: Dr. Savitha K.S

A Research mentorship programme "illuminate" conducted by the
Dept. of Mathematics for the research Scholars. Prof. Aparna Lakshmanan S
will act as the Resource Person for the same.

Sl No.	Name	Signature
1	Alaka Mohan	Alaka
2	Anwarul H	Anwarul
3	Sikha A S	Sikha
4	Dina Mary Joseph	Dina
5	ANEESA R B	ANEESA
6	ZETA PAUL	ZETA PAUL
7	Suomna	Suomna
8	Rachel Paul	Rachel
9	Niche WM	Niche
10	Ann Mary George	Ann Mary
11	Sanya S	Sanya
12	Nathasha Sulay	Nathasha
Resource Person		
1	Prof. Aparna Lakshmanan	Prof. Aparna



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Archdiocese of Verapoly

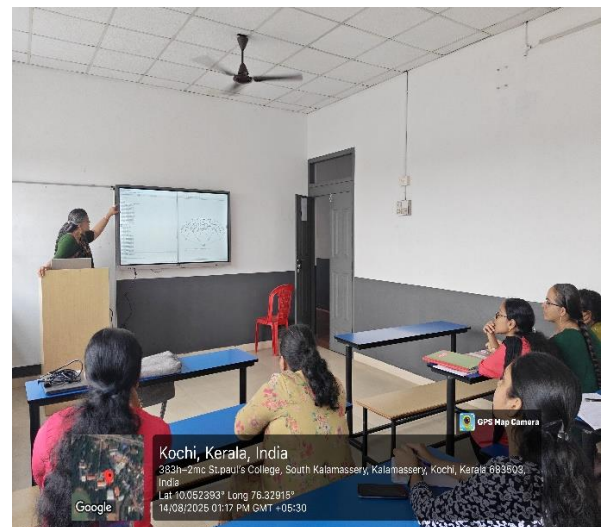
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Signatures of Convenor/Head/Principal (as necessary)

Name of the faculty who prepared the document : Dr. Savitha K.S

Phone number of the faculty who prepared the document : 9947289367

.....

Meeting no: 6

Venue: Room S26

Date: 31/7/2025

Time: 1:30 pm

AGENDA: Half Yearly Presentation of the Research Scholars to evaluate the progress of their research work.

The half yearly presentation of the following students were conducted and evaluated their progress during the process.

Name of the Research Scholar	Name of the supervising guide
Rachel Paul	Prof Dr Pramada Ramachandran
Nathasha Baby	Prof Dr Pramada Ramachandran
Dany John	Prof Dr Pramada Ramachandran
Zeta Paul	Prof Dr Pramada Ramachandran
Surya S	Prof Dr Pramada Ramachandran
Thasneem TR	Prof Dr Manju K Menon
Nisha VM	Prof Dr Manju K Menon
Bincy CJ	Prof Dr Manju K Menon

External Expert overviewed the presentation and gave necessary suggestions.

Members Present:

1. Dr Seethu Varghese, External Expert Seethu
2. Prof Dr Pramada Ramachandran Pramada
3. Prof Dr Manju K Menon Manju
4. Dr Savitha K S



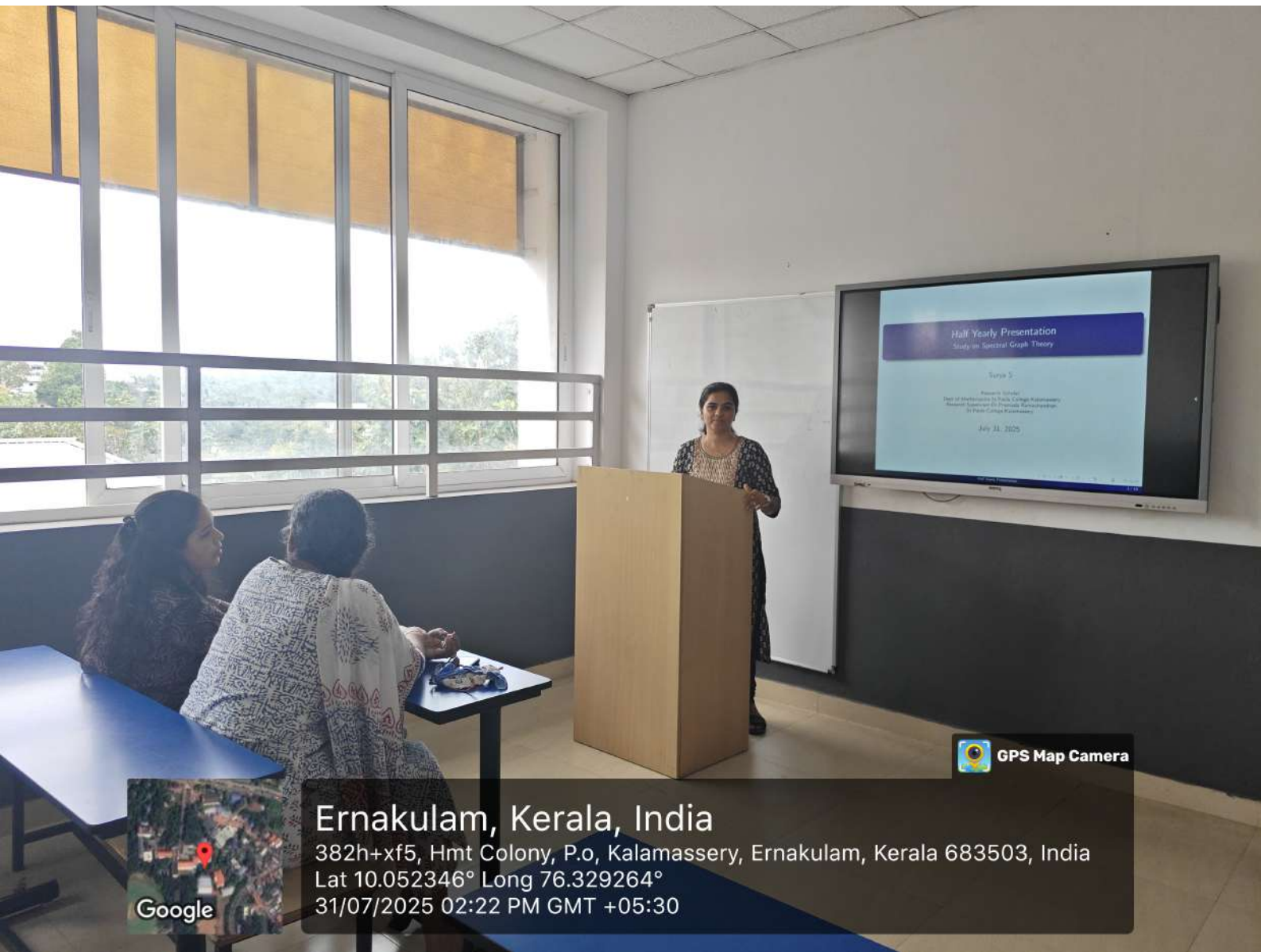
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Post Graduate and Research Department of Mathematics

Half Yearly Presentation

Attendance Sheet

[illegible]



Ernakulam, Kerala, India

382h+xf5, Hmt Colony, P.o, Kalamassery, Ernakulam, Kerala 683503, India

Lat 10.052346° Long 76.329264°

31/07/2025 02:22 PM GMT +05:30

Date: 02/02/2026

Time: 9:30 AM

AGENDA: Half Yearly Presentation of the Research Scholars to evaluate the progress of their research work.

The half yearly presentation of the following students were conducted and evaluated their progress during the process.

Name of the Research Scholar	Name of the supervising guide
Rachel Paul	Prof Dr Premada Ramachandran
Natasha Baby	Prof Dr Premada Ramachandran
Dany John	Prof Dr Premada Ramachandran
Zeta Paul	Prof Dr Premada Ramachandran
Surya S.	Prof Dr Premada Ramachandran
Thasneen T.R.	Prof Dr Manju K. Menon
Nisha V.M.	Prof Dr Manju K. Menon
Neenu Susan Paul	"
Disna Mary Joseph	Prof Dr Manju K. Menon
Ann Mary George	Dr Savitha K.S.
Alaka Mohan	Dr Savitha K.S.
Aneesa K.B.	Dr Savitha K.S.
Aswathi H.	Dr Savitha K.S.
Sikha A.S	Dr Savitha K.S.

External expert overviewed the presentation and gave necessary suggestions

Members present:

1. Dr Seethu Varghese, External Expert
2. Prof Dr Premada Ramachandran
3. Prof Dr. Manju K Menon
4. Dr Savitha K.S.

Ramade
 02/02/2026
 Smith
 02/02/2026
 Smith
 02/02/2026



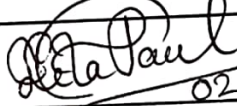
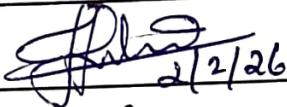
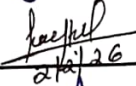
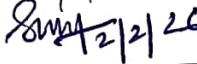
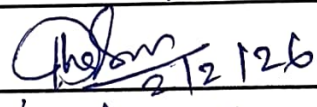
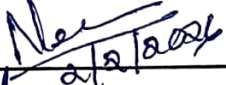
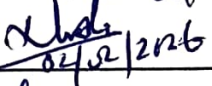
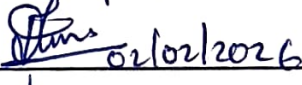
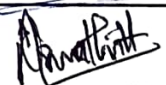
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Postgraduate and Research Department of Mathematics

Half Yearly Presentation

Date:	02/02/2026	
Venue:	S 26, Dept. of Math., St Paul's College, Kalamassery.	
Sl No	Name	Signature
1.	Zeta Paul	 02/02/2026
2.	Dary John	 2/2/26
3.	Rachul paul	 2/2/26
4.	Nathasha Baby	 2/2/26
5.	Sunja.S	 2/2/26
6.	Thasneem F. R	 2/2/26
7.	Neenu Susana Paul	 2/2/2026
8.	Nisha VM	 02/02/2026
9.	Disna Mary Joseph	 02/02/2026
10.	Ann Mary George	 02/02/2026
11.	Alaka Mohan	 02/02/2026
12.	ANEESA.K.B	 02/02/2026
13.	Aswathi-H	 02/02/2026
14.	SIKHA A S	 02/02/2026.

