

Workshop on
CATEGORIES AND SEMIGROUPS

July 21 to 23, 2022

Venue
Department of Mathematics
University of Kerala



Organized by
Department of Mathematics
University of Kerala
and
Institute of Mathematics Research and Training
(IMRT)

<http://www.imrt.org.in>

About the Workshop

The workshop focuses on developing the basic aspects of category theory to suit its applications in structure theory of Semigroups. This is the first of a series of workshops we plan to conduct on this theme

The workshop is scheduled with lecture sessions and sessions for group discussions where participants can present their works as well.

Speakers

- Dr. A.R. Rajan
- Dr. E. Krishnan
- Dr. P.G. Romeo
- Dr. P. Rameshkumar
- Dr. M.N.N. Namboodiri
- Dr. K. Satheeshkumar

Panel for Group Discussions

- Dr. Sunny Lukose
- Dr. P.V. Mathai
- Dr. D. Rajendran
- Dr. G.N. Prakash
- Dr. C. Jayasri
- Dr. M.G. Ashok Kumar
- Dr. L. John
- Dr. C.S. Preenu
- Dr. B. Thalmi
- Dr. Namitha Sara Mathew
- Dr. V. Anilkumar
- Dr. Dileepkumar
- Dr. K. Manilal
- Dr. G. Krishnakumar

Registration

- No Registration Fee.
- Register online before 18 July, 2022.
- Registration link: <https://bit.ly/3Pk5Aum>



Dr. Sunny Lukose
Secretary, IMRT.
9447940842

Dr. P. Rameshkumar
Head Dept. of Mathematics
9447127873

Dr. A.R. Rajan
Director, IMRT
9447958464

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Programme

Day 1: 21 July, 2022
(Venue: Statistics Seminar Hall)

- 9.30 AM Registration
- 10-10.30 Inaugural Session
Welcome: Dr. P. Ramesh Kumar
(Head of the Department)
Presidential address: Dr. A. R. Rajan
(Director, IMRT)
Inaugural Address: Dr. P. P. Ajayakumar
(Hon. Pro Vice Chancellor)
Felicitations : Dr. C. Satheeshkumar
(Director, School of Phy. and Math. Sciences)
Dr. P. G. Romeo
(CUSAT)
Vote of Thanks: Dr. Dileep Kumar
- 10.30-10.45 TeaBreak
- 10.45–12.15 Academic Session I
Chair: Dr. Sunny Luckose
Talk: Dr. A. R. Rajan
Introductory Category Theory
- 12.15-1.15 Academic Session II
Chair: Dr. MNN Namboodiri
Talk: Dr. K. Satheeshkumar
Applications of Categories
- 1.15–2.00 Break
- 2.00-3.00 Academic Session III
Chair: Dr. D. Rajendran
Talk: Dr. MNN Namboodiri
Semigroup of Probability Measures



Programme

Day 2
22 July, 2022

10.00-11.15 Academic Session IV

Chair: Dr. L. John

Talk: Dr. P. G. Romeo

Regular Semigroups and Categories

11.15–1.00 Group Discussion

1.00–2.00 Break

2.00–3.00 Academic Session V

Chair: Dr P. Ramesh Kumar

Talk: Dr. E. Krishnan

General Structure Theory

Day 3
23 July, 2022

10.00–11.30 Academic Session VI

Chair: Dr. P. G. Romeo

Talk: Dr. P. Ramesh Kumar

Some Classes of Semigroups

10.45–1.15 Academic Session VII

Chair: Dr T. G. Saratchndran

Talk: Dr. A. R. Rajan

Normal Categories

1.15–1.30 Concluding Session

