

INTERNATIONAL WEBINAR SERIES ON VARIOUS FIELDS IN MATHEMATICS

REPORT

Introduction

The Post Graduate and Research Department of Mathematics in association with IQAC conducted an International webinar series on various fields in Mathematics from 05-12-2020 to 29-12-2020. To ensure that the webinars is informed by and useful to participants, planned to engage apt faculties for handling various topics. This series of webinar provided an opportunity to provide input to and exchange ideas with the faculties on the discussed topics, share relevant resources, and give individual feedback on issues of importance to the chapter topic. And also provided e-certificates to the participants.

Webinar structure

The webinars were organized and hosted by the convener Dr. Bloomy Joseph, HOD and coordinator Ms. Jis Mary Jose with cooperation of staffs from the department. The series contained invited talks, paper presentations and a valedictory session on the last day. Invitations to the webinars were distributed by the hosts, faculty team, and staff to their networks. From various States and Nations, 373 participants were registered for the programme.

Overview and Topics of discussion

The webinar series was inaugurated by Dr. Jayamol K V, Vice Principal, Maharaja's College in the absence of the principal Dr. Mathew George on 05-12-2020. The convener of the Webinar series Dr. Bloomy Joseph, Head of the Department gave an introduction and overview of the programme and threw light on the objectives of the webinar. She welcomed Dr. A J Parameswaran for the first day talk.

The topics covered in the series are,

Talk 1 : 05/12/2020

Topology of Riemann Surfaces by Dr. A J PARAMESWARAN, Professor, TIFR, Mumbai.

Talk 2 : 08/12/2020

Classification of surfaces by Dr. VINOD KUMAR P. B, Professor and Dean P G, Rajagiri School of Engineering & Technology, Cochin, Kerala.

Talk 3 : 12/12/2020

Fuzzy Rough Set Theory and Applications by Dr. SHEEJA T.K, Associate Professor of Mathematics, T.M. Jacob Memorial Government College, Manimalakunnu, Kerala.

Talk 4 : 16/12/2020

Approximation and optimization in Hilbert spaces by Dr. SHERY FERNANDEZ, Associate Professor, Department of Mathematics, CUSAT, Kerala

Talk 5 : 18/12/2020

Noetherian Rings by Dr. BALAKRISHNAN R, Assistant Professor, Department of Mathematics, Government College Kattappana, Idukki, Kerala.

Talk 6 : 20/12/2020

The impact of data in marketing and it's influence on consumer choice by Ms. SIMI S KRISHNAN, Director, Analytic Operations, Epsilon, Chicago, USA.

Talk 7 : 22/12/2020

Ramanujan – The Man Who Knew Infinity by Dr. APARNA LAKSHMANAN, Assistant Professor, St. Xavier's College for Women, Aluva, Kerala and Supervising Guide MGU.

Talk 8 : 26/12/2020

Mathematical Morphological operators on Graphs and Hypergraphs by Dr. RAMKUMAR P. B, Associate Professor and Head of Department of Mathematics, Rajagiri School of Engineering & Technology, Kochi, Kerala

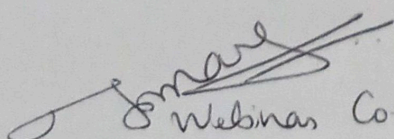
Talk 9 : 28/12/2020

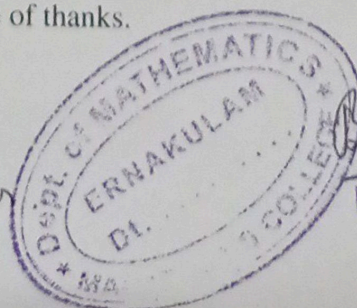
Group actions and some Applications by DR. MANOJ KUMMINI, Associate Professor of Mathematics, Chennai Mathematical Institute, India

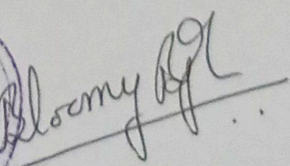
Talk 10 : 29/12/2020

Inventory models with rework by Dr. MOHAMMAD EKRAMOL ISLAM, Professor & Treasurer, Northern University Bangladesh, Chief Editor - Journal of Business and Technology.

On the last day Prof. P K Raveendran (Retd. Deputy Director of Collegiate Education, Former Governing Council Chairman, Maharaja's College) had given a valedictory speech. Dr. Bloomy Joseph, HOD delivered vote of thanks.


Seminar Coordinator




Head
Dept. of Mathematics