IQAC, Union Christian College, Aluva

organizes

International Webinar Series on Pure and Applied Mathematics

Inaugural talk

Dr. BHAMINI NAYAR

Associate Professor of Mathematics
Morgan State University
Baltimore, Maryland, USA

Topic: **'Compact Sets: Different Topological Structures'**

| Date: 26 February 2021 | Time: 6.30 PM (IST) |

http://meet.google.com/yvg-etfn-bfa

All are cordially invited

Registration Link: https://forms.gle/bLdir5JHnX5RGexL6
E-Certificates will be provided.

Dr. Geena Joy
Head of the Department

Dr. Rachel Reena Philip
Principal

ORGANIZING COMMITTEE

Rev. Prof. Thomas John (Manager)
Dr. Rachel Reena Philip (Principal)
Dr. Manju M. George (IQAC, Coordinator)
Dr. Geena Joy (Head of the Department)

Ms. Mily Mary Sleeba K.
Ms. Susmi Skaria
Mr. Kurian C. Soman

Department of Mathematics
In association with
IQAC, Union Christian College, Aluva

organizes

International Webinar Series on Pure and Applied Mathematics

Talk 2

Dr. Shalu M.A.

Associate Professor and Head of the Department
Department of Mathematics
Indian Institute of Information Technology, Design
and Manufacturing, Kancheepuram

Topic: **A Brief Anatomy of Mathematical Modelling and Computability**

| Date: 11 December 2021 | Time: 10 am |

https://meet.google.com/kqj-eejk-tzh

All are cordially invited

ABOUT THE TALK

This is an unstructured talk on various aspects of mathematical modelling of engineering problems. A few real-life problems which address issues such as suboptimal vs. optimal, cost vs. quality, undecidable vs. decidable and tractable vs. intractable will be discussed.

E-Certificates will be provided.

Dr. Geena Joy
Head of the Department

Ms. Anu Nuthan Joshua
Co-ordinator

Dr. Thara K. Simon
Principal

For details contact : 8129195128, geenajoy@uccollege.edu.in

IQAC, Union Christian College, Aluva

organizes

International Webinar Series On Pure And Applied Mathematics

Talk 3

Dr. Lakshmi Sankar K.

Assistant Professor
Department of Mathematics
Indian Institute of Technology,
Palakkad

Topic :

A Few Results on Cardinality of Sets

| Date: 12 March 2022 | Time: 10 am |

https://meet.google.com/ioj-yswt-tsg

All are cordially invited

ABOUT THE TALK

The talk is based on classic set theoretical ideas such as cardinality of sets, countable and uncountable sets. The Schroeder - Bernstein Theorem will be explained with proof and some applications of this theorem in finding cardinality of sets will also be discussed.

E-Certificates will be provided.