


SEMINAR NO: 15

NAME OF THE DEPARTMENT: MATHEMATICS

TITLE OF THE SEMINAR: MATHEMATICAL ANALYSIS: VISUALISATION & APPLICATIONS

DATE: 20-08-2020 to 04-09-2020



**ST. JOHN'S
COLLEGE, ANCHAL**

Online lecture series on various topics beginning from fundamental concepts of mathematics, moving on to different types of visualization techniques and eventually culminating in accustoming the learners to different areas of applied mathematics and statistics.

**DEPARTMENT OF
MATHEMATICS**


in association with

IQAC | ST. JOHN'S
COLLEGE
ANCHAL

ONLINE LECTURE SERIES ON

MATHEMATICAL ANALYSIS

VISUALIZATION & APPLICATIONS




Differential Equations - View of an Analyst
Mr. Shinoj K M
Assistant Professor of Mathematics,
St. Joseph's College, Devagiri, Kozhikode
20th August 2020 (Thursday) 2.00 - 3.30 pm


LECTURE 1

**Transformations of Euclidean Plane and
Arithmetic of Complex Numbers**
Mr. Adersh V K
Assistant Professor of Mathematics, TKM College, Kollam

LECTURE 2

22th August 2020 (Saturday) 2.00 - 3.30 pm







**An Introduction to Mathematical
Optimal Control Theory**
Dr. Manil T Mohan
Assistant Professor of Mathematics, IIT Roorkee
24th August 2020 (Monday) 2.00 - 3.30 pm

LECTURE 3

Schauder Basis: What and Why?
Mr. Shinoj K M
Assistant Professor of Mathematics
St. Joseph's College, Devagiri, Kozhikode
25th August 2020 (Tuesday) 2.00 - 3.30 pm

LECTURE 4






Career Opportunities in Statistics
Dr. Shibu D S
Assistant Professor of Statistics, University College, TVM
Date & Time will be announced later

LECTURE 5

The Google Meet web link will be sent to the registered participants prior to the sessions.

Registration is free. [Click here](#) or Scan QR Code



www.stjohns.ac.in/mols

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Report of the Online Lecture Series on **Mathematical Analysis: Visualization & Applications**

20.08.2020 - 04.09.2020

National Seminars are conducted every year under the auspices of the Department of Mathematics. However, in 2019 due to the outbreak of Covid-19 in the country and the subsequent lockdown, the possibility of conducting offline seminars became unfavorable. Subsequently, as a pioneering effort, it was decided to conduct an online seminar under the aegis of the department. Accordingly, an online lecture series was organized by the Department of Mathematics in association with IQAC, St John's College, Anchal.

The title of the Lecture series was "Online Lecture Series on **Mathematical Analysis: Visualization & Applications**. The lecture series was held from 20.08.2020 to 04.09.2020 on the google meet platform. In this Lecture series, we conducted lectures on various topics beginning with fundamental concepts of mathematics, moving on to different types of visualization techniques and eventually culminating in accustoming the learners to different areas of applied mathematics and statistics. The targeted group of participants are students and teachers of various colleges and universities and research scholars. An average of 180 participants attended all lectures. All participants were given an Online certificate.

The invited speakers and topics

SI No	Speaker	Topic
Lecture 1 20 th August 2020 Thursday, 2.00 -3.30 pm	Mr Shinoj K M Assistant Professor of Mathematics St Joseph's College, Devagiri, Kozhikode	Differential Equations- View of an Analyst
Lecture 2 22 th August 2020 Saturday, 2.00 -3.30 pm	Mr Adersh V K Assistant Professor of Mathematics TKM College, Kollam	Transformations of Euclidean Plane and Arithmetic of Complex Numbers
Lecture 3 24 th August 2020 Monday, 2.00 -3.30 pm	Dr Manil T Mohan Assistant Professor of Mathematics IIT Roorkee	An Introduction to Mathematical Optimal Control Theory

Lecture 4 25 th August 2020 Thursday, 2.00 -3.30 pm	Mr Shinoj K M Assistant Professor of Mathematics St Joseph's College, Devagiri, Kozhikode	Schauder Basis : What and Why?
Lecture 5 04 th September 2020 Thursday, 2.00 -3.30 pm	Dr Shibu D S Assistant Professor of Mathematics University College, TVM	Career Opportunities in Statistics

Mr Sumesh S S

Co-Ordinaor

Mr Sibi C Babu

Head of the Department