

FACULTY DEVELOPMENT PROGRAMME ON ANALYSIS AND ALGEBRA MARCH 21 - 25, 2023



Organized by
Dept. of Mathematics & Centre for Topology and Applications (CETA), RSET

PROGRAMME SCHEDULE

Day 1: 21 March 2023



Dr. M N Narayanan Namboodiri

Emeritus Professor

Department of Mathematics, CUSAT

Linear Algebra

Session 1: 9.30 a.m to 10.45 a.m

Tea break: 10.45 a.m to 11.00 a.m

Session 2: 11.00 a.m to 12.30

Lunch Break: 12.30 p.m to 1.30 p.m

Session 3: 1.30 p.m to 3.00 p.m

Day 2: 22 March 2023



Dr. Subrahmanian Moosath K.S

IIST Thiruvananthapuram

Real Analysis

Session 1: 9.30 a.m to 10.45 a.m: Functions of single variable

Tea break: 10.45 a.m to 11.00 a.m

Session 2: 11.00 a.m to 12.30: Functions of two variables

Lunch Break: 12.30 p.m to 1.30 p.m

Session 3: 1.30 p.m to 3.00 p.m: Functions of several variables

Day 3: 23 March 2023



Dr. S V Bharanedhar

Department of Mathematics,

Central University of Tamil Nadu

Complex Analysis

Session 1: 9.30 a.m to 10.45 a.m: Analytic Functions and Power Series

Tea break: 10.45 a.m to 11.00 a.m

Session 2: 11.00 a.m to 12.30: Complex Integration

Lunch Break: 12.30 p.m to 1.30 p.m

Session 3: 1.30 p.m to 3.00 p.m: Singularities and Residue Calculus

Day 4: 24 March 2023



Dr. V.P. Ramesh

Mathematics, Analytics and Computing Entity (MACoE),

School of Mathematics & Computer Science,

Central University of Tamil Nadu

Session 1: 9.30 a.m to 10.45 a.m: Algebra

Tea break: 10.45 a.m to 11.00 a.m

Session 2: 11.00 a.m to 12.30: Linear Algebra

Lunch Break: 12.30 p.m to 1.30 p.m

Session 3: 1.30 p.m to 3.00 p.m: Applications of Linear Algebra

Day 5: 25 March 2023



Dr. Satyanarayana Engu

Department of Mathematics

NIT Warangal, India

Session 1: 9.30 a.m to 10.45 a.m: Approximations of functions in Sobolev spaces by smooth functions

Tea break: 10.45 a.m to 11.00 a.m

Session 2: 11.00 a.m to 12.30: Distributional solutions of linear differential equations

Lunch Break: 12.30 p.m to 1.30 p.m

Session 3: 1.30 p.m to 3.00 p.m: Some linear partial differential equations and their properties

An Add on certificate programme will be conducted on the topic "Linear Algebra & Computational Application using Python- An Experiential Learning". Those who are interested to attend the programme have to register at the registration desk.

Course fee: Rs. 500/-

Date: 21-25 March 2023

Time: 3. 15- 4.15 p.m.

Link for registration: <https://tinyurl.com/yjavuavb>

Registration Fee: Rs. 1500

Registration deadline: 20/03/2023

Accommodation: Accommodation will be provided on request.
Faculty members, Research Scholars and M.Sc students can register.

For more details: Contact

1) Convenor

Dr. Binu.R

9946167116

2) Coordinators

Ms. Vinmol K. Jesudas

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