DEPARTMENT OF MATHEMATICS

GOVERNMENT COLLEGE CHITTUR
Palakkad, Kerala

National Seminar on Operator Theory
16-11-2023, 17-11-2023

Funded by The Department of Collegiate Education, Government of Kerala

The College

Government College Chittur, Palakkad established on August 11, 1947, initially under the University of Madras and got affiliated to Travancore University in 1949. It started functioning in the present 40 acre campus on the bank of Sokanasini river since 1954. The college provides undergraduate and postgraduate education in Science, Arts and Commerce streams. There are 15 UG departments: English, Geography, Botany, Chemistry, Commerce, Economics, Electronics, History, Malayalam, Mathematics, Music, Philosophy, Physics, Tamil, and Zoology among them, 7 are PG Departments. The Departments of Economics, Tamil, Geography, Philosophy, Music and Mathematics are the research departments under the University of Calicut. In 2017, the college was re-accredited by NAAC with A Grade (CGPA 3.01 out of 4).

The Department

The department of Mathematics was established since the inception of the college. In 1978, the post graduate course in Mathematics was started. In 2007, the Department of Science and Technology(DST) supported the department under their FIST Programme and thus the department was the first department of Mathematics among the department of Mathematics Government Colleges of Kerala which was supported by DST. In 2013, Department was again funded by DST under their FIST Programme under the colleges as a whole. In 2014, Kerala State Council for Science Technology and Environment supported the department under their SARD Programme. The department is also supported by Science Engineering Research Board(SERB) an autonomous body under Government of India. National Board of Higher Mathematics is also supporting the department under their library grant. In 2015, the department was elevated to a Research Department under the University of Calicut and in 2018 M.Phil programme was started by the department.

The Seminar

Operator theory is a fundamental branch of mathematics that focuses on the study of linear operators, which are linear transformations that take vectors from one space to another. This field plays a critical role in functional analysis and is essential for understanding the behavior and properties of such operators. Operator theory has diverse applications in areas like quantum mechanics, signal processing, and differential equations, making it a cornerstone of modern mathematics and science.

Resource Persons

Dr. C. R. Jayanarayanan
(Associate Professor
Department of Mathematics
IIT Palakkad)

Functional Analysis, Geometry of Banach Spaces, Approximation Theory

Dr. V B Kiran Kumar
(Assistant Professor
Department of Mathematics
CUSAT)

Spectral approximation problems, inverse spectral theory problems

Dr. Rahul Rajan
(Assistant Professor
Department of Mathematics
Government College Kasaragod)

Operator Theory

Dr. Easwaran Nambudiri
(Associate Professor(Retd)
Department of Mathematics
Govt. Brennan College Thalasserry)

Frame Operators & Wavelet Theory

Organizing Committee

Dr. Reji T
(Associate Professor
in Charge of Principal)

Dr. Mary Shalet T. J
(Assistant Professor and Head
Department of Mathematics)

Dr. Ambat Vijayakumar
(President
Mathematics Alumni Association)

Dr. Prasanth G. N
(Assistant Professor
Department of Mathematics)

Dr. Haseena A
(Assistant Professor
Department of Mathematics)

Dr. Ruby R
(Assistant Professor
Department of Mathematics)

Dr. Shilpa M
Co-ordinator & Assistant Professor
Department of Mathematics

Narayana Prasad M
(Assistant Professor
Department of Mathematics)

Sowmya C
(Assistant Professor
Department of Mathematics)

Sarathkumar N.S
(Assistant Professor
Department of Mathematics)

Sneha K.K
(Assistant Professor
Department of Mathematics)

Dhanesh N J
(Department of Statistics)

Research Scholars
(Department of Mathematics)

Contact

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Location

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