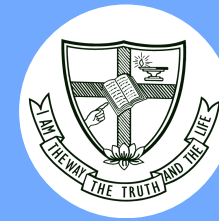




Prof. Chellamma Mathew, fondly called by her colleagues and students as Chellamma Kochamma, after her Masters in Physics, joined the department in 1961, where she continued to serve as the Professor of Physics till her retirement in 1986.

Apart from the competency as a teacher, she was well known as a strict disciplinarian too; but she always showered unusual personal care and warmth not only to her students but to every individual of the wider fraternity of which she was very much part of.



DEPARTMENT OF PHYSICS MAR THOMA COLLEGE TIRUVALLA

Fifth Prof. Chellamma Mathew Memorial Lecture

Thursday, 15 February 2024

9:30am



Dr. Alexander Mar Thoma Memorial
Golden Jubilee Seminar Hall



PROF. CHELLAMMA MATHEW

She was a feminist in the true sense of the word and advocated for freedom of women from the inherent patriarchal leanings. She never compromised on values and principles. Through out her life she remained a spinster. Her home was wide opened for the cultural realm of the academic community, especially of girls and women. As a host she had been luxurious with hospitality and meticulousness. Further, she was exceptionally proficient in English and loved English literature. She died in 2017 leaving her deep footprints in all fields of her endeavours.



4
QUALITY
EDUCATION



15
LIFE
ON LAND



SUSTAINABLE
DEVELOPMENT GOALS

INVITATION

Dear Sir/Madam,

We, the staff, students and alumni of the Department of Physics, solicit your esteemed presence at the fifth Prof. Chellamma Mathew Memorial Lecture, scheduled to be held on Thursday, 15th February 2024 at 9:30am in the Dr. Alexander Mar Thoma Memorial Golden Jubilee Seminar Hall.

Prof. (Dr.) Anand Narayanan, IIST, Thiruvananthapuram will deliver the memorial lecture.

Rev. (Dr.) Alexander Abraham, Former HoD, Department of Physics, Mar Thoma College, Tiruvalla will share reminiscences about Prof. Chellamma Mathew.

Dr. Mathew Varkey T. K.
Principal

Dr. Angel Susan Cherian
HoD & General Convenor

Dr. Noble P. Abraham
Coordinator

Organising Committee

Mr. Santhosh Jacob

Dr. I. John Berlin

Dr. Arun Vinod

Dr. Anju K. Nair

Ms. Aneesha P. M.

Ms. Neethu Merin Alex



TITLE OF THE TALK

The Large Scale Structure of the Universe

Abstract: I will be discussing the incredible story of one of the greatest map-making exercises that humankind has ever undertaken, to create a three-dimensional map of the universe itself and our place in it. I will conclude the presentation with a brief overview of the work that I am involved in studying the distribution of baryons within this large scale structure.

PAST LECTURES

- **2020 Dr. T. N. Narayanan**, TIFR, Hyderabad “Molecular interfaces for Energy Devices”.
- **2021 Prof. John Philip**, IGCAR, Kalpakkam “How materials have been transforming our lives?”
- **2022 Dr. Jinesh K.B.**, IIST, Thiruvananthapuram “Artificial Brain for Artificial Intelligence”.
- **2023 Prof. Praveen C Ramamoorthy**, IISc. Bangalore “Molecules To Devices: Solid State Sensors for Environmental Monitoring”.

ABOUT THE SPEAKER



Prof. (Dr.) Anand Narayanan

Professor

Indian Institute of Space Science and Technology, Thiruvananthapuram

Dr. Anand Narayanan is a Professor at the Indian Institute of Space Science & Technology, Thiruvananthapuram.

Previously he was a post-doctoral scholar at the University of Wisconsin-Madison in the US. He earned his Ph.D. and Master of Science in Astrophysics from the Pennsylvania State University in the US. He holds a B. Tech. in Electrical and Electronics Engineering. His research involves understanding how galaxies and other large-scale structures form in our universe.

Anand also has a keen interest in astronomy education and public outreach. He has scripted, directed, and anchored a series of television programmes / documentaries on astrophysics. Dr. Anand has also done programs for All India Radio on topics in astrophysics.