



Rev. Dr. A. Albert Muthumalai SJ Endowment National Workshop on Complex Analysis (NWCA-24)

18 – 19 September 2024

Organized by

PG and Research Department of Mathematics

St. Joseph's College (Autonomous),

Special Heritage status awarded by UGC, Accredited with A++ Grade (Cycle IV) by NAAC
College with Potential for Excellence by UGC, DBT-STAR & DST-FIST Sponsored College

TIRUCHIRAPPALLI - 620002

About the College:

St. Joseph's College was established by the Jesuit visionaries in 1844 with the noble aim of educating the society for the Good and the True (Pro Bono Et Vero). It is a private, aided, Christian minority institution affiliated to the Bharathidasan University, Tiruchirappalli, located in the central part of Tamil Nadu. St. Joseph's College is a pioneering educational institution serving as a beacon of light for all men and women aspiring to pursue higher education and provides an opportunity for holistic development of individuals. It was one among the few colleges to be granted the Autonomous status by UGC in the first slot in 1978. The college was recognized by the UGC as a college with potential for excellence in 2004 and in 2014. St. Joseph's College received DST-FIST funds in 2008 and in 2014 and the DBT-STAR status in 2014. It was conferred with the Special Heritage status by the UGC in 2015. The college was accredited at A++ grade (4th cycle) by NAAC in 2019 and secured the 25th position in the NIRF ranking in 2024.

About the Department:

The Department of Mathematics, one of the oldest and premier departments in St. Joseph's College had its inception in 1844. In 1911, the University of Madras granted permission to run the Honours course in Mathematics. From 1960 onwards, the department offers M.Sc., in Mathematics and in 1976, the department became a full-fledged research department offering M.Phil and Ph.D., programmes. The department is actively engaged in organizing conferences, seminars, workshops and a number of endowment lectures every year, which paves the way for hosting a good number of renowned Mathematicians in various fields of Mathematics and thereby hone the Mathematical skills of the students.

About the Workshop:

An endowment was created in honour of Rev. Dr. A. Albert Muthumalai SJ to conduct National Conference / Workshop every year by the department of Mathematics. This year the department conducts the National workshop on Complex Analysis (NWCA24). Complex analysis is essential in modern mathematics, with applications extending to physics, engineering, and beyond. It provides valuable insights into the relationship between real and complex variables, helping to solve complex problems. This workshop, designed for students, researchers, and professionals, will cover key techniques such as contour integration, residue theory, and conformal mapping. Participants will be engaged in lectures, problem-solving and discussions to develop both theoretical understanding and practical skills in complex analysis. This will enhance their ability to address problems across various fields and contribute to interdisciplinary research.

Resource Persons:

Dr. S. Somasundaram,

MS University, Tirunelveli.

Dr. S. Ponnusamy,

IIT Madras, Chennai

Dr. V. Ravichandran,

NIT Tiruchirappalli.

Mr. R. Gnanaprakasam,

TN Govt. Polytechnic College, Madurai

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Dr. P. Vishnukumar

Mr. A. Saranraj

Ms. P. Suganya

Deadline for registration: **15th September 2024**

Registration fee: Rs. 500/-

Registration Link: <https://seminar.sjctni.edu/Maths/NWCA24/>

Contact Persons:

Dr. J. Uma Maheswari (☎ 94860 66077)

Dr. J. Amalorpava Jerline (☎ 97896 73526)

Dr. J. Carmel Pushpa Raj (☎ 97912 11125)

Contact Mail : sjcmaths_s1@mail.sjctni.edu