

Information and Announcements

Science Academics Refresher Course in Differential Equations and its Applications

11th -26th August 2021

Sponsored by



Organized by

Dr. N. G. P. Arts and Science College, Coimbatore 641 048, Tamil Nadu

Dr.N.G.P Arts and Science College, Coimbatore is organizing a Science Academics Refresher Course in Differential Equations and its Applications (**in online mode**) during August 11-26,2021 sponsored by Indian National Science Academy, Bengaluru, National Academy of Sciences, 'NewDelhi and National Academy of Sciences, Prayagraj. This course is aimed to provide advancements in the field of differential equations to young faculty members who wish to work on differential equations. A series of lectures from experts will give the necessary directions on the latest developments in this field.

Applications are invited from faculty members and teachers with experience in teaching undergraduate and postgraduate courses in Mathematics. A maximum of 30 participants will be selected based on merit. Once selected the participant should produce the NOC from their head of the institution for participating in the course. The registration link is given below. Interested candidates should attach a brief statement (between 250 and 500 words) describing the reason for their interest in this course.

Topics to be covered: Mathematical Methods, Non-linear ordinary and partial differential equations, Application of differential equations, Fractional differential equations and its applications, Dynamical Systems and Integral transforms with their applications,, Numerical solution of partial differential equations in Fluid mechanics , Computational fluid dynamics in advanced manufacturing and high speed compressible fluid flow, Turbulent fluid flow

Resource Persons:

Prof. M.Lakshmanan, FNA., Bharathidasan University, Tiruchchirapalli
Prof. P. Kandaswamy, FNASc., Bharathiar University, Coimbatore
Prof. G.D. Veerappa Gowda, FNA., TIFR Centre for Applicable Mathematics, Bangalore
Prof. Satyajit Roy, FNASc., IIT Madras, Chennai
Prof. K.Balachandran, Bharathiar University, Coimbatore,
Prof.Ramajayam Sahadevan University of Madras, Chennai,
Dr. Kannan Sundaravadivelu, Institute of High Performance, Singapore
Dr. S. Sivasankaran, King Abdulaziz University, Saudi Arabia.

Convener : Prof. Dr. P. Kandaswamy, FNASc., Professor & Head (Retd.), Department of Mathematics, School of Mathematics & Statistics, Bharathiar University, Coimbatore

For further details contact: Dr R. Sowrirajan, , Department of Mathematics, Dr. N. G. P. Arts and Science College, Coimbatore 641 048. Email: drsowrirajan@drngpasc.ac.in Mobile: 09486128789

Registration Link : <https://forms.gle/11FHsfOr2WjXdFV6A>

Last date for submission of application: 1st August 2021.

A note on Science Academics initiatives for 75 years of India's Independence

The Science Academies have been supporting two/three-day lecture workshops and fifteen-day refresher courses on topics of current interest throughout the country. All the programmes conducted by the Joint Science Education Panel of the Academies are fully supported by the Department of Science and Technology, Gov. DST has undertaken a series of activities to mark 75 years of India's Independence (Azadi ka Amrut Mahotsav). The Mahotsav is a series of S&T programmes and events to be organised to commemorate the 75th anniversary of India's Independence. The curtain raiser activities began from 12 March, 75 weeks prior to 15 August 2022. The lecture workshops/refresher courses are part of the series in these programmes. The Academy will also organize periodic lectures by eminent scientists. These programs will be adequately expanded in the celebration of the 75 years of Indian Independence.