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Shri. Ashok Kumar Mundhra
Secretary, D.G. Vaishnav College.

PATRON

Dr. R. Ganesan
Principal, D.G. Vaishnav College

CONVENOR

Prof. R. Venkataramanan
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ADVISORY COMMITTEE

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Professor of Mathematics & Computer Science,
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Assistant Professor
Department of Statistics & Demography
National Institute of Health & Family Welfare
Munirka, New Delhi

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Dr. N. Jayanth Karthik Associate Professor
Dr. R. Sivaraman Associate Professor

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Ms. K. Kalpana, Assistant Professor

ADDRESS FOR CORRESPONDENCE

Prof. R. Venkataramanan
Convenor & Head
PG & Research Department of Mathematics,
D G Vaishnav College. Chennai 600 106.

DATES TO REMEMBER:

Submission of full paper : September 15, 2020
Date of Communication
of Selected articles : September 20, 2020
Registration Deadline : September 22, 2020
Conference dates : 28-09 -2020 to 30-09-2020

Email for submission of paper

dgvncmmde2020@gmail.com

Link to register for the Conference

<https://forms.gle/cHaEcgSu8pRKSyxy9>

***NO REGISTRATION FEE**

Selected Articles will be intimated through E- mail

JAI SHREE KRISHNA

**National Conference on Mathematical
Modelling with Differential Equations
NCMMDE-2020**

28th, 29th & 30th September 2020

**ORGANISED BY**

Post Graduate & Research Department of
Mathematics

DWARAKA DOSS GOVERDHAN DOSS
VAISHNAV COLLEGE (Autonomous)

Linguistic Minority Institution

College with Potential for Excellence

833, "Gokul Bagh" E.V.R. Periyar Salai,
Arumbakkam, Chennai – 600 106

Phone: 044-23635101

ABOUT THE COLLEGE:

Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous) a premier Educational Institution, Chennai was established in the year 1964, with the sole purpose of imparting value based education to the needy masses by Shri Vallabhacharya Vidya Sabha. The College offers more than 45 programmes across the different levels of study, UG, PG and research with student strength of 7000 plus.

ABOUT THE DEPARTMENT:

In the year of its inception, the college under the stewardship and the Principalship of Shri T.Totadri Iyengar, offered an Undergraduate course in Mathematics along with Pre-University courses. The University of Madras upgraded the department to the postgraduate status in the year 1980. M.phil course was started in the year 2001. It has highly qualified faculty members actively engaged in teaching, research, and continuing educational programmes.

OBJECTIVES:

The National Conference on Mathematical Modelling with Differential Equations (NCMMDE-2020) aims to bring together academicians, scientists, researchers, engineers and industrialists under one roof to share the expertise, current research findings and developments in different domains of mathematics. The conference not only provides a platform for strengthening mathematical research but also provides an excellent opportunity to address social issues through Mathematical Modelling using Differential Equations. Due to the prevailing COVID-19 pandemic situation, the conference will be conducted through online platform. The conference will include invited talks and paper presentation sessions.

CALL FOR PAPERS:

Authors are invited to submit their original and unpublished research papers on topics covering broad areas of science using mathematical modelling particularly using Differential Equations, ODE, PDE, and Difference Equations. If your paper contains images using software, mention the tool used to create such figures. The papers should not have been or submitted to any other source for publication. Authors will be informed about the acceptance of their papers based on the recommendations of the peer review committee. The

accepted and presented papers will be published in the conference proceedings with ISBN number. No Registration Fee and E-certificate will be given to all the registered participants.

SUBMISSION OF PAPERS

Authors are requested to submit full research article in word format, not exceeding 10 pages in Times New Roman, Font, 12 point, single line spacing, single column format and fully justified, to the email id dgvncmmde2020@gmail.com. The paper should consist of Title (14pt), Abstract (10pt) not exceeding 250 words, Keywords (4 to 6 words), Introduction, Results, Discussions, Conclusions and References.

The research articles selected for presentation in the conference will be published in the form of proceedings with ISBN Number. Further selected papers will be recommended for publication in reputed journals pertaining to the norms of the journal. Journal publication and processing charges shall be borne by the authors only.

LIST OF SPEAKERS INCLUDES:

Dr.P.G. Siddheshwar

Senior Professor, Department of Mathematics
CHRIST(Deemed to be University)
Bengaluru

Dr. A.S. Vasudeva Murthy

Professor, Department of Mathematics,
TIFR, CAM Bangalore.

Prof. Manju Agrawal

Department of Mathematics,
University of Lucknow, U.P.

Prof. Arvind Kr. Mishra

Department of Mathematics,
Banaras Hindu University (BHU), India

Dr.P.Balasubramaniam

Professor & Head, Department of Mathematics
Director International Programme
Former Registrar, Gandhigram Rural Institute (Deemed to be University), Gandhigram (post), Dindigul,
Tamilnadu, India.

Dr. S. Dinesh Kumar

Assistant Professor
Department of Mathematics
School of Advanced Sciences
VIT Vellore

Dr.Ujwal Warbhe

Assistant Professor
Department of Mathematics
NIT Srinagar

REVIEW COMMITTEE

Dr.P.Balasubramaniam

Professor & Head, Department of Mathematics
Director International Programme
Former Registrar, Gandhigram Rural Institute (Deemed to be University), Gandhigram (post), Dindigul
Tamilnadu, India.

Dr.R.Uthayakumar

Professor, Department of Mathematics,
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(Deemed to be University), Gandhigram (post), Dindigul
Tamilnadu, India.

Dr. Britto Antony Xavier G

Associate Professor,
P G & Research Department of Mathematics,
Sacred Heart College, Tirupattur,
Vellore, India.

Dr. M. Shankar

Professor, Department of Mathematics,
School of Engineering
Presidency University, Bengaluru, India

Dr. Minirani S.

Associate Professor in Mathematics,
Department of Basic Sciences and Humanities,
MPSTME, NMIMS Deemed to be University
Mumbai, India