

Invitation:

SRINIVASAN COLLEGE OF ARTS & SCIENCE
(Affiliated to Bharathidasan University, Tiruchirappalli)
Perambalur -621212, Tamil Nadu,
www.scas.ac.in

DEPARTMENT OF MATHEMATICS

**Two days National Webinar on
"Differential Equations and
Applications of Mathematics"**

DATE: 16.07.2021 & 17.07.2021

RESOURCE PERSONS

- 1. Dr. P. Suresh Kumar, Adhoc Faculty**
Department of Mathematics
NTT Calicut, Kerala-673 601.
- 2. Dr. R. Sivaraman, Associate Professor**
Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous)
Chennai.

Registration Link
<https://forms.gle/EeLjcZmUomuzAVFaA>

-> Registration Free -> E - Certificate will be Provided

Prof.E.Krithika HOD - Maths	Prof.G.Ravi Vice Principal - SCAS	Dr.N.Vetrivelan Principal - SCAS
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DAY 1

DEPARTMENT OF MATHEMATICS

Two days National Webinar on
"Differential Equations and Applications of Mathematics"

Dr. P Suresh Kumar
Adhoc Faculty
Department of Mathematics
NIT Calicut, Kerala-673 601.

*Ag Introduction to Fractional Order
Differential Equations*

16/07/2021
11.00 AM

Registration Link
<https://forms.gle/EeLjcZmUomuzAVFaA>

Prof.E.Krithika HOD - Maths	Prof.G.Ravi Vice Principal - SCAS	Dr.N.Vetrivelan Principal - SCAS
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DAY 2

DEPARTMENT OF MATHEMATICS

Two days National Webinar on
"Differential Equations and Applications of Mathematics"

Dr. R. SIVARAMAN
Associate Professor
Dwaraka Doss Goverdhan Doss Vaishnav College
(Autonomous)
Chennai.

**REAL LIFE APPLICATIONS
OF MATHEMATICS**

17/07/2021
10.30 am

Registration Link
<https://forms.gle/EeLjcZmUomuzAVFaA>

Prof.E.Krithika HOD - Maths	Prof.G.Ravi Vice Principal - SCAS	Dr.N.Vetrivelan Principal - SCAS
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SRINIVASAN COLLEGE OF ARTS & SCIENCE

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Perambalur, Tamil Nadu, India - 621212



A REPORT ON TWO DAYS NATIONAL WEBINAR

With the blessings of DSGI Founder - Chairman Shri. A. Srinivasan, DSGI Management, having constant encouragements of our respected Principal Dr. N. Vetrivelan & Vice Principal Prof. G. Ravi, a two days national webinar is conducted in order to enhance online learning skills of our faculty members and students, the department of Mathematics is hosting on the following schedule and the topic:

Topic: Differential Equations and Applications of Mathematics

Date: 16th & 17th July 2021

Invited Speakers:

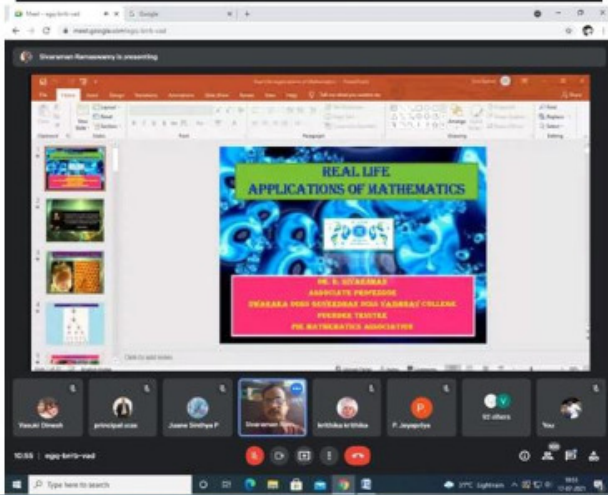
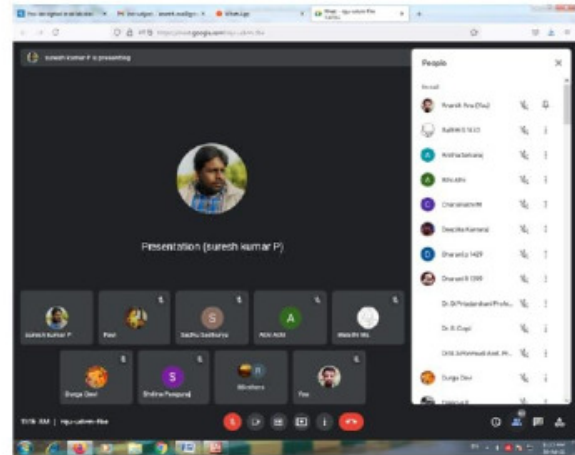
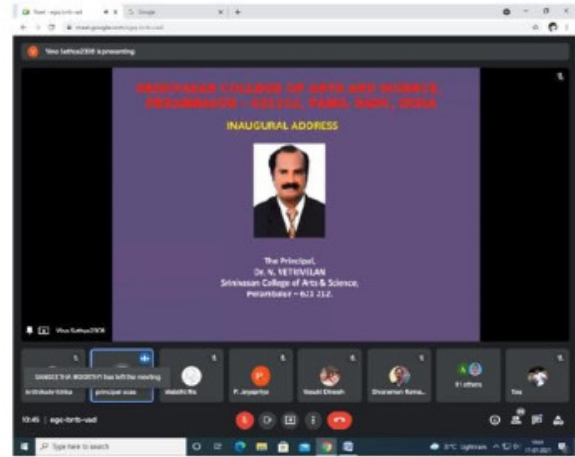
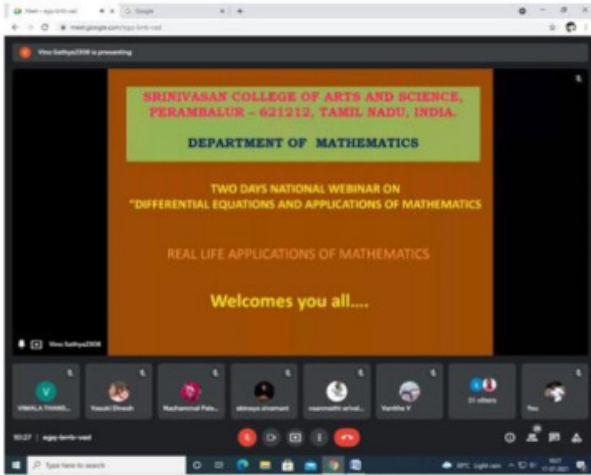
- Dr. P. Suresh Kumar, Adhoc Faculty, Department of Mathematics, National Institute of Technology, Calicut, Kerala, India
- Dr. R. Sivaraman, Associate Professor, Department of Mathematics, D.G. Vaishnav College, Arumbakkam, Chennai, Tamilnadu, India

Time: 10:30 AM to 12:30 PM

About the Speakers:

- Dr. P. Suresh Kumar is a young researcher and is expertise in Differential Equations and Control Theory. He working an Adhoc Faculty, Department of Mathematics, National Institute of Technology, Calicut, Kerala, India. He has completed M.Sc., M.Phil., & Ph.D., in Bharathiar University, Coimbatore, Tamilnadu. He is a life member of Indian Society of Industrial and Applied Mathematics (ISIAM). He has published / presented more research articles in reputed mathematics journals and conferences.
- Dr. R. Sivaraman, working as Associate Professor at D.G. Vaishnav College, Chennai has twenty two years of teaching experience. He has been conferred with National Award for Popularizing mathematics among masses in 2016 by Department of Science and Technology, Government of India. He was also conferred with the prestigious Indian National Science Academy Teaching award for the year 2018. He has also received two State Government Best Science Book Awards in 2011 and 2012. For his contributions to mathematics, he has won more than 60 prestigious awards so far. He has provided more than 300 lectures conveying the beauty, importance and applications of Mathematics. He has published more than 90 research papers in mathematics. He was member of Editorial Board for more than ten journals in mathematics. He was a member of the Textbook Writing Committee, Tamil Nadu School Education Department for preparing revised mathematics textbook for eleventh class and he was chairperson for tenth class mathematics book. He has written 23 books so far (16 in Tamil and 7 in English) upon popularizing mathematics and science. He writes articles and provides puzzles for famous Newspapers like The New Indian Express, Times of India, The Hindu School Edition Paper, Tamil Hindu, Dinamalar Pattam Newspaper. He has also contributed several articles about mathematics in monthly magazines like Ariviyal Oli, Chennai Report, Arumbu and continue to

Screenshots of the Webinar:



contribute more. He is currently Editor of the Journal "Junior Mathematician" a Quarterly Magazine for school students published by AMTI. He is also Editor of the e-Magazine "Mathematics Pixels" published by Pie Mathematics Association. For the past twenty years, he teaches most deserving and poor students and made their life to have better living. In view of spreading mathematics among everyone, with the help of his students and well wishers he had initiated an exclusive charitable trust "Pie Mathematics Association" being its Founder Trustee since June 2007. Serving the poor and needy students was his life motto.

Description:

- This webinar sought to apprise students of tricks that they could employ to make their calculations faster and accurate - whether it be finding the cube roots of big numbers, multiplication of a number with a number of nines or for two-digit multiplication. The moderator gave various examples and in hand practice to the students to grasp the tricks spontaneously. The students thoroughly enjoyed the techniques of fast calculations through a series of fun activities. Students showed keen interest and participated in the workshop with zeal and enthusiasm.
- The speakers beautifully explained in detail the fundamental concepts and need of 'Differential Equations' by taking real life examples. They emphasized on the importance of reviewing common errors made by the students in order to enhance their thinking skills and thus strengthening their concepts. They also stressed upon the fact that teachers should know what students are thinking and hence diagnose problems, if any.
- They suggested various online platforms/websites like Phet, Geogebra, Enrich etc and introduced various digital games which can help in making learning more effective and enjoyable for the students.
- 'The best always comes last', the speakers suggested various exercises/tasks which can be incorporated in classrooms to strengthen students' thinking. It was aptly quoted, 'Mathematics classroom requires talking with the child and not just solving the questions'. Various Math techniques were introduced in order to facilitate students to do complex calculations quickly and accurately.

Program:

- For this webinar, registration link using Google Meet ID and password was created. The link was circulated among students and faculty members those who are all registered. More than 90 participants both Teaching Faculty Members and Students have participated.
- At the beginning, Prof. E. Kiruthika, HOD/Mathematics gave a welcome address to the participants and guests, followed by the Principal Dr. N. Vetrivelan inaugural address.
- Next, Prof. M. Vasuki was gave the brief introduction to the invited speakers.
- After the presentation the felicitation address was given by Prof. G. Ravi, Vice Principal / SCAS and vote of thanks given by Prof. Sasikala.