

PPG COLLEGE OF ARTS AND SCIENCE

MATHEMATICS ACTIVITY

Name of the Event: CSIR - NET Preparative Programme for Mathematics - FDP

Description

Department of Mathematics of PPG College of Arts and Science, Saravanampatti, Coimbatore-35, organized a Nation Level Six Days Virtual Faculty Development Programme entitled “CSIR - NET Preparative Programme for Mathematics” from July 15th, 2021 to July 20th, 2021. **Dr. R. Lakshmanan**, Guest Lecturer, Department of Mathematics, Central University of Tamilnadu, Thiruvarur and **Dr. S. V. Bharaneder**, Assistant Professor, Department of Mathematics, Central University of Tamilnadu, Thiruvarur delivered a talk on “**Complex Analysis**” on Day 1. **Dr. M. Saravanan**, Guest Lecturer, Department of Mathematics, Madurai Kamaraj University Constituent College, Sattur and **Dr. G. Arunkumar**, Post Doctoral Fellow, Department of Mathematics, Indian Institute of Science, Bangalore discussed “**Abstract Algebra**” on Day 2. **Dr. A Selvakumar**, Post Doctoral Fellow, Department of Mathematics, Indian Institute of Mathematical Science, Chennai and **Mr. P. Sivaram**, Doctoral Fellow, Department of Mathematics, Indian Institute of Science, Bangalore gave a talk on “**Real Analysis**” on Day 3. **Mr. R. Chinnaparaj**, NET Coaching Center, Srivilliputhur and **Mr. S. Balamoorthy**, Research Scholar, Department of Mathematics, Central University of Tamilnadu, Thiruvarur emphasized the importance of “**Linear Algebra**” on Day 4 & 5. **Mr. T. Natarajan**, Research Scholar, National Institute of Technology Karnataka, Surathkal to demonstrate the concept of “**Number Theory**” on Day 6. The ultimate aim of the FDP is to initiate the first step to crack the CSIR - NET Exam.

PPG
COLLEGE OF ARTS & SCIENCE
AFFILIATED TO BHARATHAR UNIVERSITY
BANGALORE, KARNATAKA

Department of Mathematics
Proudly Organizes

SIX DAY FDP ON CSIR - NET
PREPARATIVE PROGRAM FOR MATHEMATICS
SUCCESS IS A RESULT OF CONTINUOUS EFFORT

FROM 15.06.2021 TO 20.06.2021

Register here

Dr. R. Lakshmanan
(CSIR-NET, SLET)
Guest Lecturer
Central University of TamilNadu
Thiruvananthapuram.

Dr. M. Saravanan
(NRHM, GATE, CSIR-NET, SLET)
Guest Lecturer
Madurai Kamaraj University
Coimbatore, Tamilnadu.

Dr. A. Selvakumar
(NRHM, GATE, CSIR-NET, SLET)
Post Doctoral Fellow
The Institute of Mathematical
Sciences, Chennai.

Mr. R. Chinnapparaj
(CSIR-NET)
Guest Lecturer
NET - Coaching Centre
Koduvallur, Chennai.

Mr. S. Balamoorthy
(NRHM, CSIR-NET)
Research Scholar
Central University of TamilNadu
Thiruvananthapuram.

Dr. S. V. Bharanedar
(NRHM, GATE, CSIR-NET)
Assistant Professor
Central University of TamilNadu
Thiruvananthapuram.

Dr. G. Arunkumar
(NRHM, GATE, CSIR-NET, SLET)
Post Doctoral Fellow
Indian Institute of Science
Bangalore.

Mr. T. Natarajan
(GATE, CSIR-NET, SLET)
Research Scholar
National Institute of Technology
Karnataka, Surathkal.

Mr. P. Sivaram
(NRHM, GATE, CSIR-NET)
Research Scholar
Indian Institute of Science
Bangalore.

Seats : Only 70
Reg Fee : Rs. 100

Coordinator: Dr. S. Harikrishnan | Convener: Mr. V. Rathinakumar | Patron: Dr. N. Muthumani

www.ppg.edu.in/arts | @ppgcasbe | 7200246201

1:00 PM Webinar-CSIR NET ...

moorthy is presenting

moorthy sasi

You Karuppa: 60 others

Let A be a $n \times n$ matrix and W be the vector space spanned by $\{1, A, A^2, \dots, A^{n-1}\}$. Then dimension of the vector space W is
 a) $2n$ b) At most n c) n^2 d) At least $2n$
 Hint:
 1. A is identity matrix. Option a, c and d are false.
 2. By characteristic equation of A, $\dim(W) = n$

3:10 PM Webinar-CSIR NET ...

GArun is presenting

Mathematics sasi

You Chellasan: 73 others

Resources

3. Some good lecture notes topic-wise to understand the concepts:
<https://kconrad.math.uconn.edu/blurbs/>

Expository papers

Author	Topic	Link
...

3:10 PM Webinar-CSIR NET ...

siva is presenting

siva Chinnapparaj

You 19PGM25 68 others

Sequence of Real Numbers

Definition
 A sequence x_n of real numbers is said to **converge** to $x \in \mathbb{R}$ if for every $\epsilon > 0$ there exist a natural number m (depending on ϵ) such that $|x_n - x| < \epsilon$, for all $n > m$.

Definition
 Let $\{x_n\}$ be a bounded sequence of real numbers. Then the **limit superior** of $\{x_n\}$ is defined by

$$\limsup x_n = \inf \left(\sup_{k \geq n} x_k \right)$$

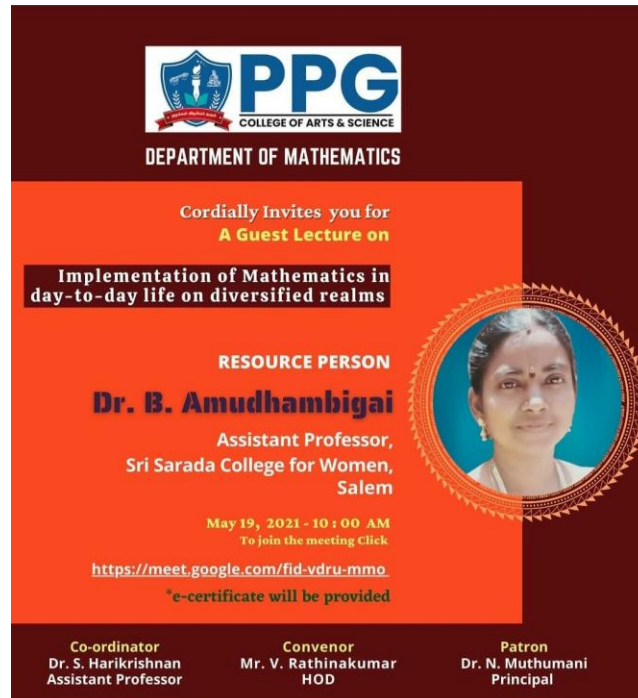
and the **limit inferior** of $\{x_n\}$ by

$$\liminf x_n = \sup \left(\inf_{k \geq n} x_k \right)$$

Name of the Event: Implementation of Mathematics in Day to Day life on diversified realms

Description

Department of Mathematics of PPG College of Arts and Science, Saravanampatti, Coimbatore-35, organized a webinar on 19 May 2021 at 10.00 am. The session was presided over by **Dr. B. Amudhambigai**, Assistant Professor, Department of Mathematics, Sri Sarada college for women, Selam delivered a talk on “**Implementation of Mathematics in Day to Day life on diversified realms**” through Google meet to various college students.




The poster is for a guest lecture by Dr. B. Amudhambigai. It features the PPG College of Arts & Science logo at the top, which includes a shield with a book and a lamp, and the text 'PPG COLLEGE OF ARTS & SCIENCE'. Below the logo, it says 'DEPARTMENT OF MATHEMATICS'. The main text reads: 'Cordially Invites you for A Guest Lecture on Implementation of Mathematics in day-to-day life on diversified realms'. The resource person is identified as 'Dr. B. Amudhambigai', Assistant Professor, Sri Sarada College for Women, Salem. The event is scheduled for 'May 19, 2021 - 10 : 00 AM' and provides a Google Meet link: 'https://meet.google.com/fid-vdru-mmo'. A note states '*e-certificate will be provided'. At the bottom, the organizers are listed: Co-ordinator Dr. S. Harikrishnan (Assistant Professor), Convenor Mr. V. Rathinakumar (HOD), and Patron Dr. N. Muthumani (Principal). A circular portrait of Dr. Amudhambigai is on the right side of the poster.

Name of the Event: Connection - Quiz

Description

Department of Mathematics of PPG College of Arts and Science, Saravanampatti, Coimbatore-35, has organized an Online Quiz on 15 May 2021 for the Commerce stream students through Google form. The main intention of the quiz is to create more passion in Mathematics.

click here 

<https://forms.gle/SydQzNfSczV3gLGg8>

Date : 15.05.2021

Patron
Dr. N. Muthumani


Coordinators
Mr. V. Rathinakumar
Dr. S. Harikrishnan

**BUSINESS MATHEMATICS
AND STATISTICS**

Name of the Event: Significance of Algebra in Interdisciplinary Science

Description


Department of Mathematics of PPG College of Arts and Science, Saravanampatti, Coimbatore-35, organized a webinar on February 19th, 2021 at 2.00 pm - 3.30 pm. The session was presided over by a respected Ms. S. Aarthi, Assistant Professor, Department of Mathematics(Unaided), PSG College of Arts and Science, Coimbatore gave a talk on “**Significance of Algebra in Interdisciplinary Science**” through Google Meet to the students of various colleges.



PPG
COLLEGE OF ARTS & SCIENCE

Department of Mathematics
Cordially invites for a Webinar on

**Significance of Algebra in
Interdisciplinary Science**



RESOURCE PERSON
Ms. S. Aarthi
Assistant Professor
Department of Mathematics (Unaided)
PSG College of Arts and Science
Coimbatore.

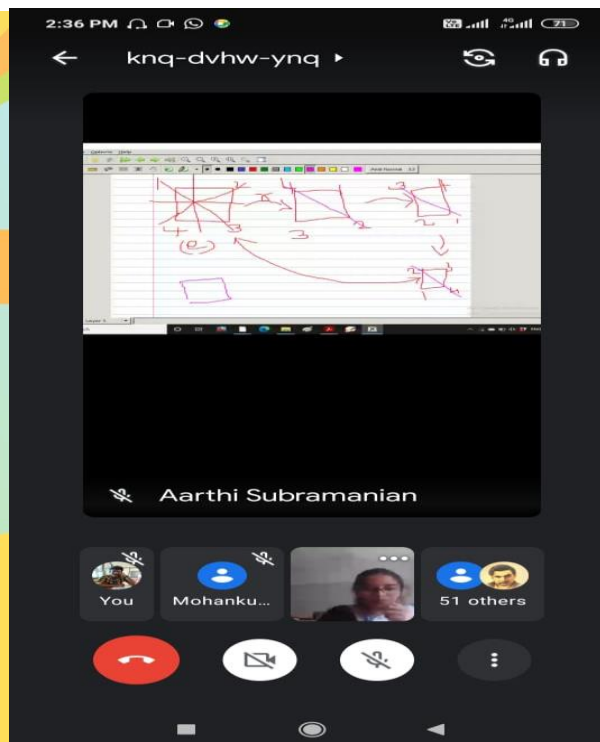
📅 19-02-2021 ⌚ 02.00 pm-03.30 pm
<https://meet.google.com/knq-dvhw-ynq>

E - Certificate will be provided

Program Coordinator
Dr. S. Harikrishnan

Convener
Mr. V. Rathinakumar
Assistant Professor & Head

Patron
Dr. N. Muthumani
Principal



Name of the Event: Ramanujan aptitude Quiz -2020

Description

Department of Mathematics of PPG College of Arts and Science, Saravanampatti, Coimbatore-35, has organized an Online Quiz on 22 December 2020 to celebrate **The National Mathematics Day** for various college students through Google form. The aim of the Quiz is to reveal the contribution of Srinivasa Ramanujan to the students.



PPG COLLEGE OF ARTS AND SCIENCE

(AFFILIATED TO BHARATHIAR UNIVERSITY)
SARAVANAMPATTI, COIMBATORE

Department of Mathematics

Proudly presents



RAMANUJAN APTITUDE QUIZ 2020

133rd birth Anniversary
of
SRINIVASA RAMANUJAN

December 22, 2020, Tuesday

Registration link : <https://forms.gle/zLSRyeGA7CnkGkZeA>

Mr V.Rathinakumar

Dr S.Harikrishnan

Department of Mathematics

Dr N.Muthumani

Principal