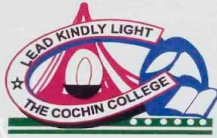


Program Report
(1 June 2021- 31 May 2022)
MATHEMATICS FUN & BEYOND
08-11-2021

SI No		
1	Name of the Program	MATHEMATICS FUN & BEYOND
2	Online/Offline	Offline
3	Date	08-11-2021
4	Time	03.00 Pm to 03.50 pm.
5	Organised by	Department of Mathematics & IQAC
6	Resource person/persons	Dr. Manju K Menon, HOD Mathematics, St. Paul's College, Kalamassery.
7	Coordinator/convenor	Mr. Amal Pavithran, HOD Mathematics, The Cochin College, Cochin -02.
8	Organising Committee	Ms. Sikha David. Ms. Anjitha Rose Mary K L. Ms. Jobina Teresa Josey. Ms. Nasrin C N. Ms. Marya Lesla Jolly. Ms. Mili Babu. Ms. Josmy Thomas.
9	Financial Assistance	Management
10	No of students participated	18
11	No of Faculty Participated	8
12	Public Participation (if any)	No.
13	Detailed Report	In connection with Association Inauguration, the Department of Mathematics of The Cochin College, Kochi 2 conducted a webinar on the topic " MATHEMATICS FUN & BEYOND " on 08-11-2023 at 03.00pm -03.50pm in the online platform Google meet. The common gathering began with a prayer. The gathering was anchored by Ms. Iylin Shaju, II B.Sc. Mathematics. The formal welcome speech was delivered by Mr Amal

		<p>Pavithran, Head of Department of Mathematics.</p> <p>The speaker of the day, Dr. Manju K. Menon, Head of the Department of Mathematics St. Paul's College, Kalamassery engaged the section. The session began with thought provoking question which was mean to analysis knowledge about Indian Mathematician. The lecture was well attended by faculty members, newly joined undergraduate students of Mathematics Department.</p> <p>The event was concluded after delivering vote of thanks by Ms. Anjana A, I B.Sc. Mathematics.</p>
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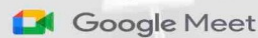
The Cochin College, Kochi - 2
Affiliated to Mahatma Gandhi University, Kottayam

**Dept. of Mathematics
& IQAC**

“Mathematics Fun & Beyond”

Dr. Manju K Menon.
Head of the Department
of Mathematics .
St .Paul's College, Kalamassery.

On Monday 8th November 2021.
Time -03.00 pm -03.50 pm.



Organizing Committee

Chief Patron : **Mr. Thomas Vayalat**
Principal : **Dr. M Geetha**
Academic Head : **Dr. Meera Menon**
Coordinator : **Amal Pavithran**

Ms. Sikha David.
Ms. Anjitha Rose Mary K L.
Ms. Jobina Teresa Josey.
Ms. Nasrin C N.

Ms. Marya Lesla Jolly.
Ms. Mili Babu.
Ms. Josmy Thomas.

Contact: +91 9846519762

mathematicsSF@thecochincollege.edu.in

thecochincollege.edu.in

The screenshot shows a Google Meet interface. At the top, it says "Mohith B Nair is presenting". The main content area displays a slide titled "Kaprekar Constant" with a list of bullet points and a portrait of D. R. Kaprekar. The slide content is as follows:

- Start with any four digit number using at least two different digits (leading zeros are allowed).
- Arrange its digits to get the largest number and smallest number
- Find largest - smallest
- Iterate
- Suppose we choose the number 3141.
4311-1134=3177.
7731-1377=6354.
6543-3456=3087.
8730-0378=8352.
8532-2358=6174.
7641-1467=6174
- if you start with 3222 and subtract 2333, then the difference is 0999. The next step would then consider the difference 9990-0999=8991, and so on.
- Repeating from this point onward leaves the same number 6174. In general, when the operation converges it does so in at most seven iterations.

On the right side of the screen, there is a grid of participant video thumbnails. Visible participants include Abhirami TR, Siya, SC3B Anjana A, Fathima Noor, Mohith B Nair (who is presenting), Amal Pavithran, and a group of 17 others. The bottom of the screen shows the Windows taskbar with the time 15:07 and date 08-11-2021.


My Drive - Google Drive x Meet - dcw-tcvz-pas x (12) WhatsApp x +


meet.google.com/dcw-tcvz-pas?pli=1&authuser=0


Mohith B Nair is presenting


Pizza Cutting Problem


What is the Maximum number of slices of pizza can a person obtain by making n straight cuts with a pizza knife?
Clue: 1, 2, 4, 7, 11, 16, ...


No cut


One Cut


Two Cuts


Three cuts



Four cuts

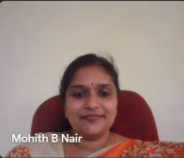
15:29 | dcw-tcvz-pas

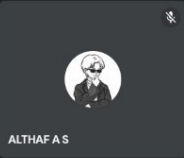
28°C Rain 15:29 08-11-2021


My Drive - Google Drive x Meet - dcw-tcvz-pas x New Tab x +


meet.google.com/dcw-tcvz-pas?pli=1&authuser=0

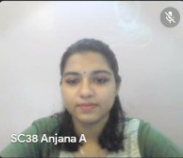

Nivin Johny

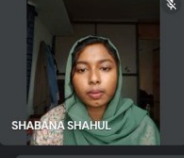

Mohith B Nair

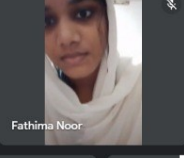

ALTHAF A S

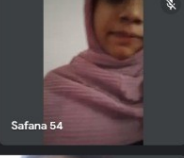

Amal Pavithran

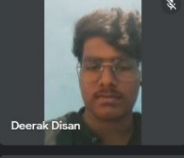

Akhil Vb



SC38 Anjana A



SHABANA SHAHUL

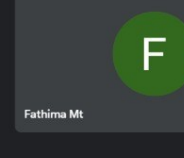

Fathima Noor

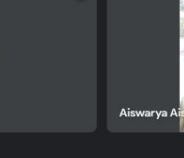

Safana 54

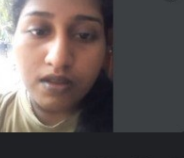

Deerak Disan

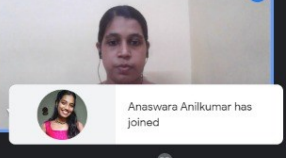

Gwtm V K


Ameer Ami


Fathima Mt


Aiswarya Aishu


7 others


Anaswara Anikumar has joined

16:03 | dcw-tcvz-pas

28°C Rain showers 16:03 08-11-2021