



Sarvajnik Education Society

Sarvajnik College of Engineering & Technology

Report

on

A Webinar

Organised by

Mathematics Section, ASH Department

On

“The Man and the Genius: Ramanujan”

Saturday, 13th February, 2021

The Mathematics Section, Applied Science and Humanities Department had organized a webinar on “The Man and the Genius: Ramanujan” on Saturday, 13th February, 2021 from 3:00 PM to 4:00 PM through Google Meet. Main purpose to organize this webinar was to encourage the first year engineering students to develop interest in Mathematics as Mathematics is a fundamental and essential subject for Engineers.

Aim of this webinar was to highlight the importance and the variety of work contributed by Mathematician-Ramanujan. For the webinar we invited Dr. D.V. Shah, who is a very well known personality of Veer Narmad South Gujarat University, Surat and he is working as an Associate Professor in Mathematics Department.

Number of participants in webinar were 60. Webinar had covered the amazing discoveries, extravagant formulas, stunning research papers and photo biography of the great mathematician-Ramanujan.

Coordinators:

Dr. Shama M. Mulla

Associate Professor, Mathematics Section, ASH, SCET, Surat.

Prof. Shruti S. Sheth

Assistant Professor, Mathematics Section, ASH, SCET, Surat.

Participants:

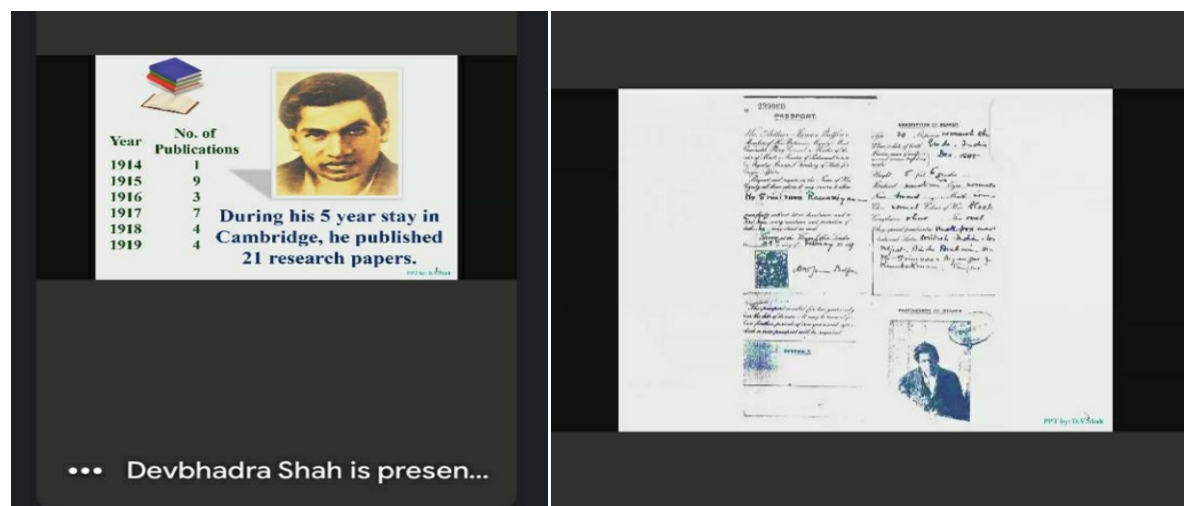
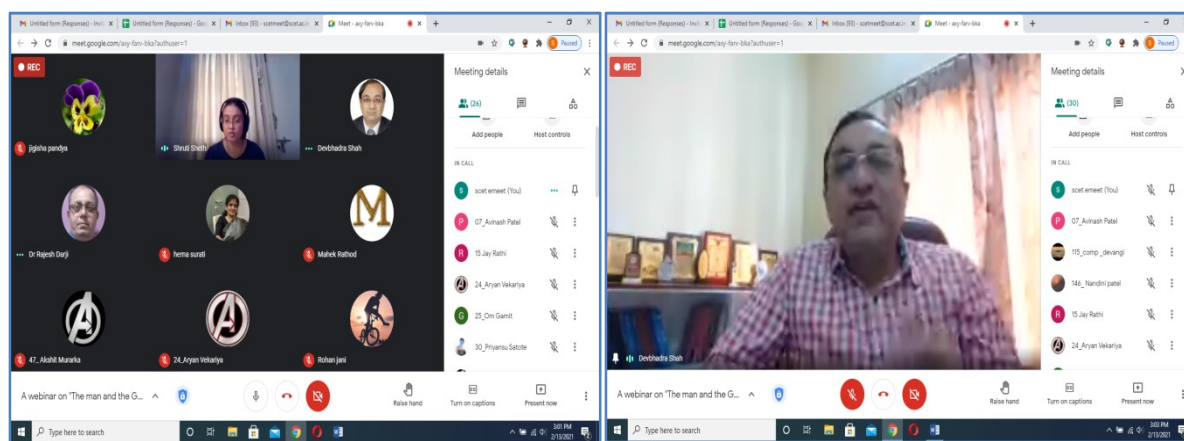
In this Webinar, students of First and Second year engineering from all disciplines, MCA students of SCET and Faculties from SCET and other institutes have participated enthusiastically.

Details of the Webinar:

Dr. D. V. Shah has presented the legacy of Ramanujan, who is one of the greatest Mathematicians in history. He highlighted on his spectacular works, surprising discoveries, computational ability and the manner in which he arrived at his results that made him unique. Sir has narrated the inspiring life of Ramanujan and described how Ramanujan has a place from the world not just as a professional Mathematician but as a student and layman as well.

As Ramanujan's life is inspiring, one way to attract bright students to Mathematics is to expose them to the world of Ramanujan's Mathematics. Ramanujan has left behind enough ideas to keep Mathematicians busy. Ramanujan is admired for his challenging contributions.

Glimpses of the Webinar:



$$\sqrt{1+2\sqrt{1+3\sqrt{1+\dots}}}=3$$

Ramanujan proved in elementary way that the above 'nested' radical converges and gives the value 3.

... Devbhadra Shah is presen...

His longest paper entitled *Highly Composite Numbers* appeared in the *Jr. Lond. Math. Soc.*, in 1915 is 62 pages long containing 269 equations.

What followed were at least 11 pages of technical results from a range of areas of mathematics. There are a few things that on first sight might seem absurd, like

$$1+2+3+\dots = -\frac{1}{12}$$

$$1^3+2^3+3^3+\dots = \frac{1}{120}$$

Five years in a cold country and lack of vegetarian food in wartime, England had wrecked Ramanujan's health and he wanted to return to India. So finally Ramanujan sailed for India on 27th Feb. 1919.

Acknowledgement:

First of all, we would like to thank Dr. D.V. Shah, speaker of the webinar, for accepting our invitation, sparing his precious time and sharing his skill and expertise with participants.

We would like to thank our Honourable Principal Dr. Hiren Patel for granting permission for the webinar and encouraging us.

We would also like to extend our gratitude to Dr. Mayank Dalal, HOD of ASH and Dr. Rajesh Darji, DC of Mathematics Section, ASH, for their continuous support.

Flyer of the Webinar:



Sarvajani College of Engineering & Technology

Mathematics Section, ASH Department organizing



A Webinar on

The Man and the Genius: Ramanujan

Speaker: Dr. D.V. Shah

Associate Professor, VNSGU

Saturday, February 13, 2021.

3:00 PM-4:00 PM

Registration Link: <https://tinyurl.com/yycsw53j>

Google Meet Link: <https://meet.google.com/axy-farv-bka>

Faculty Coordinators: Dr. Shama M. Mulla & Prof. Shruti S. Sheth

Patrons:			Chief Patron:
Dr. Mayank Dalal	Dr. Rajesh Darji		Dr. Hiren Patel
HOD, ASH.	DC, Mathematics Section, ASH.		Principal.

Feedback from students:

Feedback Form for the Mathematics Webinar (Responses)						
File Edit View Insert Format Data Tools Form Add-ons Help						
100% 123 Default (Arial) 10 B I U A						
A1 Timestamp						
1	Timestamp	Email Address	How was the Webinar?	Did you enjoy the Webinar?	Did you gain your knowledge?	Will you participate in the next webinar?
2	2/13/2021 16:03:13	avinashpatel.ch20@scet	Excellent	Yes	Yes	Yes, definitely
3	2/13/2021 16:03:28	rpjani567@gmail.com	Excellent	Yes	Yes	Yes, definitely
4	2/13/2021 16:03:35	lpidesai1712@gmail.com	Excellent	Yes	Yes	Yes, definitely
5	2/13/2021 16:03:52	divyeshnavadiya12@gmail.com	Very Good	Yes	Yes	Yes, definitely
6	2/13/2021 16:04:00	hetvipatel.co20d1@scet	Very Good	Yes	Yes	Yes, definitely
7	2/13/2021 16:04:06	aryanvekariya.mech20@scet	Excellent	Yes	Should cover more interesting topics	Yes, definitely
8	2/13/2021 16:04:16	akshitmurarka.co20d1@scet	Excellent	Yes	Yes	Yes, definitely
9	2/13/2021 16:04:27	gautam.hathiwala@marv	Excellent	Yes	Yes	Yes, definitely
10	2/13/2021 16:04:30	devangipatel.co20d2@scet	Excellent	Yes	Should cover more interesting topics	Yes, definitely
11	2/13/2021 16:04:33	divyajariwala.civil20@scet	Excellent	Yes	Yes	Yes, definitely
12	2/13/2021 16:04:39	190420107034.co19s1@scet	Very Good	Yes	Yes	Yes, definitely
13	2/13/2021 16:05:03	priyalmehta.co20d1@scet	Excellent	Yes	Yes	Yes
14	2/13/2021 16:05:13	parthikpatel446@gmail.com	Excellent	Yes	Yes	Yes
15	2/13/2021 16:05:26	yashbatalawala.mech20@scet	Excellent	Yes	Yes	Yes, definitely
16	2/13/2021 16:05:36	devanshimistry.co20d1@scet	Good	Yes	Yes	Yes
17	2/13/2021 16:05:41	nishabagadia.ec19@scet	Excellent	Yes	Yes	Yes, definitely
18	2/13/2021 16:05:58	aamenabibimulla.co20d1@scet	Excellent	Yes	Yes	Yes, definitely
19	2/13/2021 16:06:56	chikubalulucheta@gmail.com	Excellent	Yes	Yes	Yes, definitely
20	2/13/2021 16:07:15	parthivkevadiya@gmail.com	Excellent	Yes	Yes	Yes
21						
