

Department of Mathematics

Webinar: Pathways to develop Research Skills in Mathematics

(under RUSA grant)

REPORT

The Webinar titled “**Pathways to develop Research Skills in Mathematics**” was held **ONLINE** on 05/03/2022.

Research in Mathematics is different from research in other science subjects, it is abstract in nature. Many a times, those who are interested in research, do not have proper idea, how to go about it, in which areas there is need for research, how it will be useful for applied sciences and so on.

Young Academicians want to explore areas in Mathematics research, want to review Mathematics literature. want to have an idea about how to write a paper in Mathematics Journal, what is the scope of minor research and similar queries.

Every year there are few brilliant students who have aptitude for research, but they do not have idea how to go ahead. Such students should be motivated. The teachers should have proper information to help them. Above topic is selected to answer the queries and doubts and motivate active research in Mathematics.

Objectives:

1) To bring together academicians, faculty involved in research or intend to do research and students with research aptitude.

2) To nurture research aptitude by exchanging knowledge and ideas.

Total number of Participants who registered for the webinar was 161 which included UG PG students and academicians. However total number of participants who attended all sessions turned out to be **70(65 participants+5 organisers)**.

Details of Sessions:

Session 1 Keynote: “ **Nurturing Research skills in Mathematics**”

Session 2: “ **Contemporary Research Areas in Mathematics**”

Session 3: “ **Procedural Approach to Quality Research in Mathematics**”

Session 4: Panel Discussion: “ **Research Avenues and Opportunities**”

Names of Resource Persons:

Session 1 : Dr. Sharad Sane

Session 2: Dr. Sidhartha Gadgil

Session 3 : Dr. Jyotshna Prajapat

Session 4 : Dr. Rekha Santhanam, Dr. Anisa Chorwadwala

Moderator for session 4 : Ms. Rekha Watve-Paradkar

Expected outcome was to motivate students for doing mathematical research, and answer the queries of academicians who intend to do research.

Amount Claimed: 15,000 (Claimed under RUSA grant)

Annexure:

- i. Detail of the Resource persons.
- ii. List of Participants.
- iii. Photographs (screen shots) of Webinar.

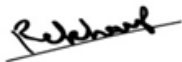
Report Prepared by

Name : Ms. Rekha Watve-Paradkar

Department: Mathematics

Designation : Associate Professor

Signature :



PRINCIPAL

Annexure i(Details of Resource persons)

**PATHWAYS TO DEVELOP
RESEARCH SKILLS IN MATHEMATICS**
5th March, 2022, 10.30 am to 05.00 pm

Eminent Speakers

Prof. S. Gadgil
IISc, Bangalore

Prof. S. Sane
CMI, Chennai

Prof. J. V. Prajapat
University of Mumbai

Prof. R. Santhanam
IIT Bombay

Prof. A. Chorwadwala
IISER, Pune

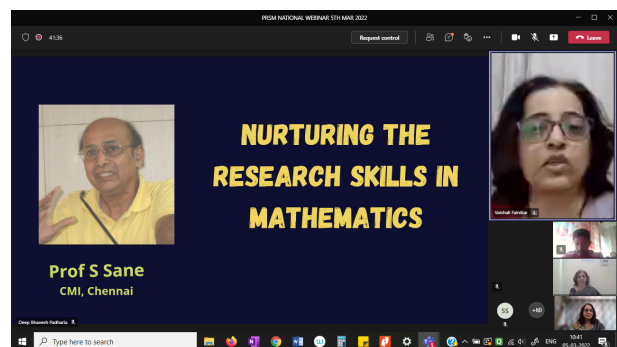
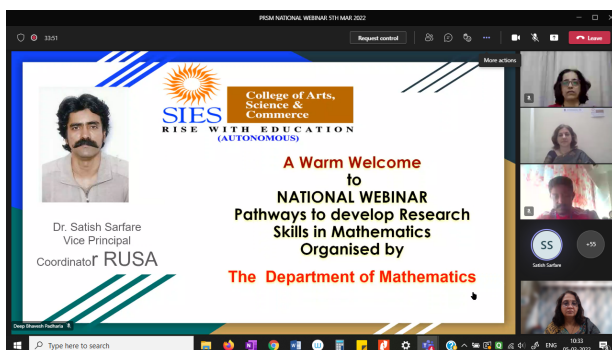
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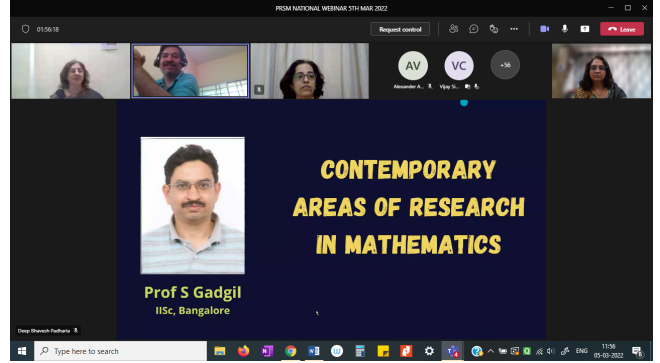
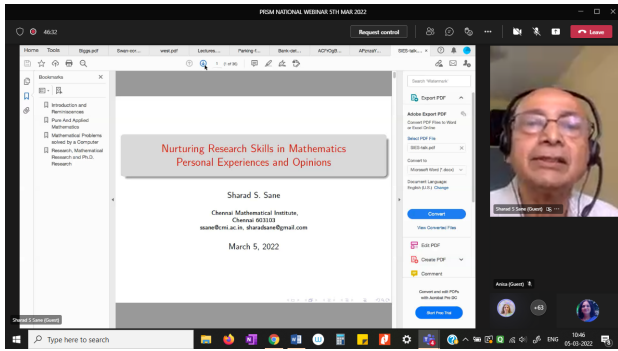
Annexure ii

PRSM Attendance			
Timestamp	Full Name	Timestamp	Full Name
02/03/2022 13:51:34	Ruchita Karmokar	05/03/2022 16:57:37	Mr.Dheeraj Kumar Dubey
04/03/2022 00:01:51	Mr. Anoop Skaria Varghese	05/03/2022 16:58:22	Dr. Vandana N.Purav
04/03/2022 12:05:24	Geeta Paluskar	05/03/2022 16:58:26	Dattatray Jalindar Bhosale
05/03/2022 16:53:05	Mr. Shivek Daswani	05/03/2022 16:58:37	Mr.Santosh Mahadev Nar
05/03/2022 16:53:09	Dr. Mohd Ahmed	05/03/2022 17:00:09	Ms.M.Mahiba
05/03/2022 16:53:12	Mr.Nilesh Balaso Nalawade	05/03/2022 17:00:17	Dr. Sarujinee Gogoi
05/03/2022 16:53:15	Mr. Vipin Kumar Gupta	05/03/2022 17:03:53	Ms. Kanta Malik
05/03/2022 16:53:26	Prof. Suman Upadhyay	05/03/2022 17:25:45	Shailesh Rammanorath Gaud
05/03/2022 16:53:50	Mr Sunny Ravindra Angol	05/03/2022 17:32:58	Prakash Kumar Shivshankar Singh
05/03/2022 16:53:54	Ansari Saima Nisar Ahmed	05/03/2022 17:44:28	Miss Sharanya Shettigar
05/03/2022 16:54:04	Mr. Dipak Sandu Jadhav	05/03/2022 19:30:15	Mrs. Sonali Murtadak
05/03/2022 16:54:13	Dr. KARTHIKEYAN S	05/03/2022 20:40:18	Vaibhava Mishrav
05/03/2022 16:54:20	Mr. Ajaykumar Shukla	05/03/2022 20:48:03	Mr. Vijay Singh Chauhan
05/03/2022 16:54:26	Gauri Abhay Lonkar	05/03/2022 20:54:46	Mst. Vora Vivek Naresh
05/03/2022 16:54:36	Mr. Deep Padharia	05/03/2022 20:54:53	Dr. M. Bhuvaneshwari

05/03/2022 16:54:36	Shreepad Gajanan Prabhu	05/03/2022 23:13:33	Dr Mrs Vandana Z Badade
05/03/2022 16:54:49	Dr. NAGESH RAVINDRA KALE	05/03/2022 23:18:54	Vaishali Falnikar
05/03/2022 16:54:52	Ms.Anlin Bena E	05/03/2022 23:23:47	Dr Kshitij Zunjarrao Badade
05/03/2022 16:54:56	Shinde Rupali Baheru	06/03/2022 07:42:18	Ms. Kiran
05/03/2022 16:55:07	Sagar Jagad	06/03/2022 09:45:16	Mr.N.V.Pawar
05/03/2022 16:55:09	Rashmi Yadav	06/03/2022 13:26:52	Mr. SATYANARAYANA
05/03/2022 16:55:15	Ms. Vrushali Sukhi	06/03/2022 21:37:21	Vaibhava Mishra
05/03/2022 16:55:19	Kuldeep	06/03/2022 22:17:20	Sujata Jha
05/03/2022 16:55:32	Miss Pratima Mohan Manjarekar	07/03/2022 06:28:06	Dr Shally Gupta
05/03/2022 16:55:39	Miss Ishika Taposh Ghosh	07/03/2022 07:32:50	Dr. ARJUN KUMAR
05/03/2022 16:55:43	Ms. Saniya E Fatma Mohd Salim Shaikh	07/03/2022 07:38:01	BHARATHI. M
05/03/2022 16:55:44	Dr. Parul Chaddha	07/03/2022 08:04:14	DEEPAK KUMAR MAHATO
05/03/2022 16:55:55	Shreya Anil Kelkar	07/03/2022 09:27:08	ANJU DINESHKUMAR BARAI
05/03/2022 16:55:58	Pritam Sunil Satupe	07/03/2022 09:31:35	Dr K Moses
05/03/2022 16:56:02	Ms. Venecia Lopes	07/03/2022 10:42:03	Mr. Jaydip Yuvaraj Patil
05/03/2022 16:56:35	Nirwal Amrut Prabhakarrao	07/03/2022 11:59:52	Mr. Meiyannathan M
05/03/2022 16:56:36	Dr Shridhar Krishna Pawar	07/03/2022 16:50:09	Ashish
05/03/2022 16:56:43	Mr. RAHUL BAJIRAO DESHMUKH	07/03/2022 17:00:44	Ms. Bhawna
05/03/2022 16:56:55	Mrs. C. Celin Shalini	07/03/2022 19:06:48	Ms. Priyanka
05/03/2022 16:56:58	Mr.V L N SRIHARI GADDAM	14/03/2022 18:07:26	Ankita Mishra

Annexure iii






SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE(AUTONOMOUS)
SION(W), MUMBAI


DEPARTMENT OF MATHEMATICS
UNDER THE AEGIS OF RUSA
organises a National Webinar on

PATHWAYS TO DEVELOP RESEARCH SKILLS IN MATHEMATICS
5th March, 2022, 10.30 am to 05.00 pm


Eminent Speakers



Prof. S. Sane
CMI, Chennai




Prof. S. Gadgil
IISc, Bangalore




Prof. J. V. Prajapat
University of Mumbai


[Click here to REGISTER](#)



Prof. R. Santhanam
IIT Bombay



Prof. A. Chorwadwala
IISER, Pune

Join  group after registration for more updates
e-certificates will be provided

ABOUT SIES

SIES College of Arts, Science and Commerce(Autonomous), established in June, 1960, to serve the ever-growing educational needs of students from North and Central Mumbai Suburbs, was the first of its kind in Mumbai to the then newly born State of Maharashtra. With NAAC accreditation 3-B and the Association of Indian Universities membership since June 2018, the college has an impressive strength of over 4,000 students drawn from all sections of the socio-economic city. It offers a wide range of UG, PG and PhD programmes. Excellent results at various University and Board examinations, and coveted awards and merit positions bagged by the students have placed the SIES College among the most outstanding institutions in the city. The students of the college, with their exemplary discipline, serious academic, extra and co-curricular pursuits and excellent rapport with their teachers, have greatly contributed to make this college a name to reckon with in academics and other fields.

Vision: To Facilitate A Student Centered Environment, Where The Intellectual, Cultural, Social, Physical And Recreational Needs Of The Students Are Fulfilled.

ABOUT THE WEBINAR

Session 1(Keynote address by Prof. S. Sane)
Nurturing the research skills in Mathematics

Session 2(by Prof. S. Gadgil)
Contemporary areas of research in Mathematics

Session 3(by Prof. J. V. Prajapat)
Procedural approach to quality research in Mathematics

Session 4(Panel discussion by Prof. R Santhanam & Prof. A Chorwadwala)
Research avenues and opportunities

ELIGIBILITY & REGISTRATION

- Faculty members of schools and colleges
- Students interested in pursuing research in Mathematics
- Registration is free
- Last date to register: 02nd March, 2022

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Dr. Uma Shankar

CONVENOR
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