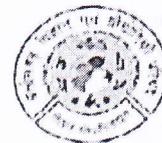




विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



School of Studies in Mathematics
Pt. Ravishankar Shukla University
Raipur 492010 Chhattisgarh

REPORT ON NATIONAL MATHEMATICS DAY 2023

SOS in Mathematics celebrated National Mathematics Day on 22nd December 2023 in the seminar hall to commemorate the birth anniversary of the great Indian mathematician Srinivasa Ramanujan. There was a total of seven days of celebration. It was catalyzed and supported by the Chhattisgarh Council of Science and Technology, National Council of Science and Technology (NCSTC), DST, Government of India, New Delhi.

Day 1: 22nd December 2023:

On this day, the celebration began with garlanding the portrait of Goddess Saraswati and Srinivasa Ramanujan. This symbolic gesture was a tribute to the great mathematical genius who contributed excellently to Mathematics.

Kuleshwar Dewangan, a student of M.Sc. I-semester, gave a beautiful description of a biography of Srinivasa Ramanujan. Then, the Head, Prof. B.S. Thakur, delivered a speech on Ramanujan's life trajectory and enlightened the struggles and support provided to Ramanujan.

Day 2: 5th February 2024

SoS in Mathematics celebrated the second day of National Mathematics Day 2023 on 5 February 2024 witnessing an afternoon filled with heartfelt speeches. The chief guest was Dr. B.K. Sharma, who is the founder of SoS in Mathematics, PRSU, Raipur. Also, the guest of honor Prof. Sahadeo Padhye, MNNIT, Allahabad was invited. The guests were welcomed with bouquets. Prof. B.S. Thakur warmly welcomed the distinguished guest. The two young athletes of the department bagged 1st position in the relay race under Abhyudaya Hamar Parab 2023 and were honored by our guest Dr. B.K. Sharma. In his speech, Prof. Sharma motivated the students

Prof. B.S. Thakur

deeply regarding hard work and goals. The speaker, Prof. Sahadeo Padhye, interacted with students and briefly lectured on "cryptography". Dr. Dipti Thakur, Asst. Prof., SoS in Mathematics, PRSU, delivered the vote of thanks. After the lecture, refreshments were distributed.

Day 3: 20th April 2024

SoS in Mathematics celebrated the third day of National Mathematics Day 2023 on 20th April 2024. On this day, SoS in Mathematics, PRSU conducted a student development program on preparation for NET/SET and related competitive exams. Dr. Mayur Puri Goswami and Mr. Avinash Tiwari with their PG students, from Kalyan College, Bhilai, visited and attended the program. Prof. B.S. Thakur welcomed the teachers, who came from Kalyan College, and addressed the outline of the program by showering some guidance for studies. Dr. Mayur Puri Goswami Head, Department of Mathematics, Kalyan College, Bhilai, motivated the students in the area of research. Ajay Kumar (CSIR-NET JRF), Research Scholar from SoS in Mathematics, PRSU, Rashmi Bhagat (CSIR-NET JRF), Research Scholar from SoS in Mathematics, PRSU, Sumit Bhatt (CSIR-NET LS), Research Scholar from NIT Raipur and Tikes Verma (CSIR-NET LS) Research Scholar from NIT were the speakers of the program to give information related to NET/SET and related competitive examinations and share their experiences. They motivated and addressed the students in the preparation for the respective examinations and research aspects. With best wishes, the program ended with a vote of thanks by Ekta Tamrakar, Guest Faculty, SoS in Mathematics, PRSU.

Day 4: 11th May 2024

SoS in the Mathematics department celebrated the fourth day of National Mathematics Day 2023 on 11th May 2024. On this day, the Guest of honor was Prof. D. R. Sahu from BHU, Varanasi. The Head, Prof. B.S. Thakur warmly welcomed the guest with a bouquet. After this, Prof. Sahu delivered a lecture on "Differential Equations". The program ended with a vote of thanks by Dr. Dipti Thakur.

Day 5-6: 20-21st May 2024

SoS in Mathematics celebrated days 5 and 6 of National Mathematics Day 2023 on 20-21 May 2024. A two-day workshop entitled "**WORKSHOP ON LATEX**" was conducted at the SoS in Mathematics, in which all the students of M.Sc. II-semester, M. Sc IV-semester, and all the Research Scholars have participated. Also, some students from the Centre for Basic Science, PRSU, were there to participate in the workshop. Total number of participants was 65. The aim was to provide hands-on practice to the students of M. Sc. and Research Scholars on the aspects of doing documentation work on the open-source, scientific tool.

"WORKSHOP ON LATEX" (Day 1):



Session 1:

Session 1 began with the inaugural function, in which Prof. B.S. Thakur welcomed the speaker Prof. Manoj Kumar Chande from Shri Shankaracharya Institute of Professional Management and Technology. Also, he addressed the participants for the event and briefed them about the importance of LaTeX software in Mathematics. After this, Prof. Chande starts the class with an introduction to LaTeX and its components. In this procedure, all the supporting software needed to operate WinEdt has been explained.

Session 2:

After the successful installation of the software, some basic terminologies about a tex file such as the document class, the preamble section, the main body of the document, etc. have been described. The content delivery was as per the needs of every student along with interaction.

"WORKSHOP ON LATEX" (Day 2):

Session 1:

Dr. Ajay Kumar Sharma, Asst. Professor from Seth Phoolchand Agrawal Smriti College was the speaker on the second day welcomed by Prof. B. S. Thakur. Then the class began with a practical session. Dr. Sharma emphasized detailing the section, sub-section, font size, environments, listing, math mode, equations, matrix, determinant, etc. Then, it was explained how to write Theorems, Corollaries, etc. in a mathematical document. Later he also demonstrated how tables, bibliography, etc. are created in LaTeX and how Beamer can be used for preparing the presentation.

Session 2:

Students experienced hands-on practice learning sessions through which they got a better understanding of the LaTeX tool & its applications and gained insight into how to insert images, sub-images, equations, tables, and cross-references in a research paper. The entire program was coordinated with the support of the Head, faculties, and Research Scholars of the SoS in Mathematics.

Toward the end of the session, all the participants expressed gratitude for creating awareness of the LaTeX software. Dr. Dipti Thakur delivered the vote of thanks and ended the program by wishing participants that the workshop would be helpful to them.

Day 7: 5th July 2024

SoS in Mathematics celebrated the seventh day of National Mathematics Day 2023, catalyzed and supported by the Chhattisgarh Council of Science and Technology, NCSTC, DST, Government of India New Delhi, on 5th July 2024. On this occasion, two competitions on the



theme "Mathematics for a better world," were organized at the seminar hall of SoS in the Mathematics department, in which all the students of M.Sc. II-semester, M. Sc IV-semester, and the Research Scholars have participated. The detailed report of this day is as follows:

Session 1: Quiz Competition

This session begins with the Quiz competition at the seminar hall. The hall was beautifully organized for the program. There were four groups of students of M. Sc. and each group consisted of 05 members. Rashmi Bhagat, a Research Scholar, and Aayushi Sao, Guest Faculty have hosted the contest. The list of participants is given below:

Group	Name of the Participants	Class
1.	Aaryan Sharma	M.Sc. II-sem.
	Akanksha Verma	M.Sc. II-sem.
	Avinash Khelvar	M.Sc. II-sem.
	Nilesh Kumar Purena	M.Sc. II-sem.
	Shivshankar Bhoi	M.Sc. IV-sem.
2.	Astha Kalet	M.Sc. IV-sem.
	Bhavika Gupta	M.Sc. IV-sem.
	Kamini Kashyap	M.Sc. IV-sem.
	Megha Dewangan	M.Sc. IV-sem.
	Palak Sharma	M.Sc. IV-sem.
3.	Devendra Sahu	M.Sc. II-sem.
	Kushboo Verma	M.Sc. II-sem.
	Prachi Dhangar	M.Sc. II-sem.
	Sakshi Rahuja	M.Sc. II-sem.
	Sunil Kumar	M.Sc. II-sem.
4.	Ayush Patnayak	M.Sc. IV-sem.
	Devaram	M.Sc. IV-sem.
	Kunal Verma	M.Sc. IV-sem.
	Prabhat	M.Sc. IV-sem.
	Tarachand	M.Sc. IV-sem.

Result:

Winner: Group 4 (Ayush Patnayak, Devaram, Kunal Verma, Prabhat, Tarachand)

Runner-up: Group 1 (Aaryan Sharma, Akanksha Verma, Avinash Khelvar, Nilesh Kumar Purena, Shivshankar Bhoi)



Session 2: Rangoli-Making Competition

After the Quiz contest, the second session started at 2:00PM for the Rangoli-making competition. The names of the participants are listed below:

S. No.	Name of the Participant	Class
1.	Aaryan Sharma	M.Sc. II-sem.
2.	Akanksha Verma	M.Sc. II-sem.
3.	Avinash Khelvar	M.Sc. II-sem.
4.	Kamini Kashyap	M.Sc IV-sem
5.	Khushboo Verma	M.Sc. II-sem.
6.	Palak Sharma	M.Sc IV-sem

For the evaluation of the Rangoli made by the participant, the following are invited as Judge:

1. Dr. B. K. Sharma, Former Head, SoS in Mathematics, Pt. Ravishankar Shukla University.
2. Prof. B. S. Thakur, Head, SoS in Mathematics, Pt. Ravishankar Shukla University.

Result:

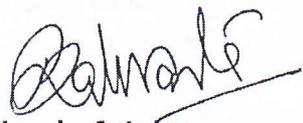
1st Position- Aaryan Sharma

2nd Position- Khushboo Verma

Session 3: Prize Distribution

The third session started at 4:00 PM, where the winners of the competition were declared and given prizes according to their rank and participation. The third session started at 4:00 PM, where the winners of the competition were declared and given prizes according to their rank and participation. A beautiful and inspiring vote of thanks was delivered by Dr. Dipti Thakur. The program ended with a group photo session and refreshments.


Convener


Head of the Department

HEAD
School Of Studies In Mathematics
Pt. Ravishankar Shukla University
RAIPUR (C.G.) 492010