

YEAR 2023-24

SGSITS, INDORE



# NEWS LETTER

## DEPARTMENT OF APPLIED MATHEMATICS AND COMPUTATIONAL SCIENCE



### ONE DAY SEMINAR ON BHARTIYA GANIT SHASTRA

An Expert Lecture on Bhartiya Ganit Shastra was conducted on 08-09-2023. Many experts have shared their knowledge on vedik Ganit. The main expert of seminar was Shri. Ramesh Morkhandikar, JKMS foundation, Ahmedabad, Gujarat, India. Coordinator of the program was Dr. Smita Verma.



### MOU with JKMS foundation



The department has signed a Memorandum of Understanding (MOU) with the JKMS foundation which is working to establish the concept of Bharatiya Ganit Shastra [वेदिक गणित], its application in modern mathematical processes on 08-Sep-2023 in the Institute. A meeting of eminent mathematicians being called on same day at 3:00pm. coordinator of the program was Dr. Smita Verma.

## National Mathematics Day



Department of Applied Mathematics and Computational Science has celebrated National Mathematics day 2023 on 4th and 5th of January 2024. The program has started on 4th January with inaugural ceremony. After the inaugural ceremony the lecture series of 3 Expert lectures was started. Students and Faculty Members of various colleges has attended the event. More than 50 Students took part in different activities like Poster Competition and Quiz competition.

On 5th of January the department has organized a movie screening based on the life of Gifted Indian Mathematician Shakuntala Devi. After the movie show there was a Prize distribution Ceremony. The Coordinator of the program was Prof. Smita Verma.



## INDUSTRIAL VISIT TO SCIENTECH TECHNOLOGIES PVT. LTD. INDORE

Department has organized a visit to Scientech Technologies on 27 December 2023 to understand the mathematical approach to latest machinery and learnt about the latest mathematical softwares by which simplifies the tedious mathematical calculation.



27 December 2023



### 3-Day Workshop on Bhartiya Ganit Shastra

The department has organized 3-day workshop on “Bhartiya Ganit Shastra Processes and its application in modern mathematics” from 9th to 11th Feb 2024. The main objective of the workshop was to delve students into the fascinating world of Bhartiya Ganit Shastra. The program was meticulously crafted to provide a comprehensive understanding of vedic Mathematics and its relevance in modern education through interactive sessions, engaging activities and insightful that can be seamlessly integrated into their teaching methodologies.



Chief Guest of the Program was Dr. Renu Jain Vice Chancellor DAVV, and Guest Speakers were Dr. Anupam Jain, Mr. V. Unkalkar, Mr. S. K. Chitnis, Mrs. Roman Dhawan, Mr. Sunil Patankar, Mr. Ravi Asarani, Mr. Ramesh Kolluru, Mr. Rajendra Gupta, and Mr. Maruti Sharma. More than 120 Participants attended the workshop including faculties and students of various institutes. The Coordinator of the Program Was Prof. Smita verma.

### National Science Week

Department of Applied Mathematics and Computational Science has organized National Science Week 2024 from 11-15 March 2024. The program has been started on 11th March with inaugural ceremony. After the inaugural ceremony the lecture series consisting of 3 Expert lectures has been conducted. Students and Faculty members of various colleges has attended the event. More then 50 Students took part in different activities.

On 12th of March Poster and Model making competition were held.

On 13th March a Quiz competition based on science was held in which students of various colleges has participated.



On 14th March the department has organized a movie screening based on Quantum Theory .

On 15th March there were expert lectures series, the theme is “Indigenous Technologies for Viksit Bharat”.

The Chief Guest of Event is Padamshree Dr. Janak Palta McGilligan, Environmentalist, Social Activist and Director of Jimmy McGilligan Centre For Sustainable Development Indore.

Other prominent speakers were Prof. J. T. Andrews, Prof & Head, Department of Applied Physics and Optoelectronics, SGSITS, Indore and Prof. Venkatraman, Department of Physics, PMB Gujarati Science College, Indore. The Coordinator of the program was Prof. Smita Verma.