



# SHRI G. S. INSTITUTE OF TECHNOLOGY AND SCIENCE, INDORE

Organises 3-day workshop on 9-11 Feb 2024 on

## Bhartiya Ganit Shastra: Processes and its Applications in Modern Mathematics

Conducted by Department of Applied Mathematics and Computational Science in Collaboration  
with JKMS Foundation, Ahmedabad



### About SGSITS

Shri Govindram Seksaria Institute of Technology and Science (SGSITS), Indore was established in 1952. SGSITS is recognized as a leading institute in the state of Madhya Pradesh and the western region consistently during its glorious journey of seventy two years. It has been ranked among top 30-40 institutes on national level (including IITs and NITs) by independent bodies. Further looking to its credentials, AICTE and UGC, New Delhi, has declared the institute as autonomous in 1989. Under the autonomous state, the institute is affiliated to the RGPV Bhopal. Presently, the institute offers ten UG courses (Regular), four UG courses (Part time), PG programs with twenty two specializations, two part time PG courses in various disciplines under the emerging areas of Engineering, Technology, Applied Sciences, Computer Applications, Management & Pharmacy

### About JKMS Foundation

JKMS Foundation was established in the year 2016 with an aim to promote Bhartiya Ganit Shastra. It connects ancient Bhartiya wisdom to modern Mathematics and inspires young minds to solve problems in the easiest way possible, with perfection. JKMS caters to the problems from Calculations to Calculus. Vigorous endeavours have been put in, continuing the legacy of Indian Mathematics. The JKMS Foundation has successfully organized sessions of Bharatiya Ganit Shastra.

### Workshop Theme

#### Ancient Mathematics and its relevance to Modern Development of Mathematics

During this workshop, participants will delve into the fascinating world of Bhartiya Ganit Shastra, exploring its origins, principles, and practical applications. The program is meticulously crafted to provide a comprehensive understanding of Vedic Mathematics and its relevance in modern education. Through interactive sessions, engaging activities, and insightful discussions, educators will gain valuable insights that can be seamlessly integrated into their teaching methodologies.

#### Applied Mathematical Sciences

Applied Mathematics is a combination of Mathematical sciences and Specialized knowledge. In today's world new application areas are constantly being discovered while established techniques are being applied in new ways and in emerging fields. Consequently, the wide variety of career opportunities are always there with the people living.

#### Computational and Competitive Skills in Mathematics

Computational Mathematics is intersection of Mathematics and Computer Science. It is all about solving real world problems with numbers. It is about learning to think critically and developing analytical skills that will prepare students (mathematics) for countless

#### Broad Program Outline

1. Expert Lectures on Bhartiya Ganit Shastra
2. Hands on calculations of Bhartiya Ganit Shastra
3. Doubt Clearing session

#### Co-ordinators

1. Prof. Smita Verma, DAMCS
2. Mr. Ramesh Morkhandikar, CEO JKMS Foundation, Ahmedabad

#### Advisory Committee

1. Prof. Rakesh Saxena, Director
2. Prof. P.P. Bansod, Dean Admin
3. Prof. H. K. Verma, Dean Academics
4. Dr. Rachna Navlakhe, HOD, DAMCS

#### Academic Guidance

1. Mr. Shashikant Chitnis
2. Prof. Anupam Jain
3. Prof. Maya Ingle
4. Mr. Ramesh Morkhandikar

#### Speakers

1. Mr. Shashikant Chitnis
2. Mrs. Roman Dhawan
3. Mr. Ravi Asrani
4. Mr. Sunil Patankar
5. Mr. Vishwanath Unkalkar
6. Mr. Maruti Sharma
7. Dr. Ramesh Kolluru
8. Mrs. Kalindi Nahate

#### Departmental Organising Committee

1. Dr. Sarla Chouhan
2. Dr. Ranu Sharma
3. Dr. Preeti Sengar
4. Dr. Deepti Mokati
5. Mr. Prasandeep S. Mucchal
6. Ms. Payal Khandelwal
7. Ms. Archana Gupta
8. Mr. Karan Singh Rajput
9. Ms. Sipy Khare

#### Organising Committee JKMS

1. Mr. Ramesh Morkhandikar
2. Mrs. Roman Dhawan
3. Mr. B. N. Mohapatra

#### Contact Us

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#### QR Code



Registration Link:

<https://forms.gle/AMjwapXBzex2IQpJA>