



# A Two Day Workshop in Mathematics

By Department of Mathematics, IISER Thiruvananthapuram

IN ASSOCIATION WITH THE INDIAN MATHEMATICS CONSORTIUM AND  
BHASKARACHARYA PRATISHTHANA, PUNE, INDIA

## Speakers

10 to 11 December, 2022

### Prof. Jugal Verma

Professor, IIT Bombay and  
Head of National Centre of Mathematics

Topic: An invitation to Erhart's Theory  
of lattice Points in polytopes

### Prof. Ramiz Reza

School of Mathematics,  
IISER Thiruvananthapuram

Topic: Wold-von Neumann  
decomposition for isometries  
and Wold-type decomposition  
for 2-isometries

### Prof. Sheetal Dharmatti

School of Mathematics,  
IISER Thiruvananthapuram

Topic: Continuous but nowhere  
differentiable functions

### Prof. K. N. Raghavan

Institute of Mathematical  
Sciences, Chennai

Topic: Duality in Optimization

### Prof. S. A. Katre

Governing Body Member and Custodian  
of Bhaskaracharya Pratishthana, Pune.

Topic: Ancient Indian Mathematics:  
From Bodhayana to Madhavacharya

### Prof. Viji Z. Thomas

School of Mathematics,  
IISER Thiruvananthapuram

Topic: Archimedes challenge

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