



# TESSERACT- THE MATHEMATICS SOCIETY

## Shivaji College, University of Delhi

NAAC ACCREDITED GRADE 'A'



Organises

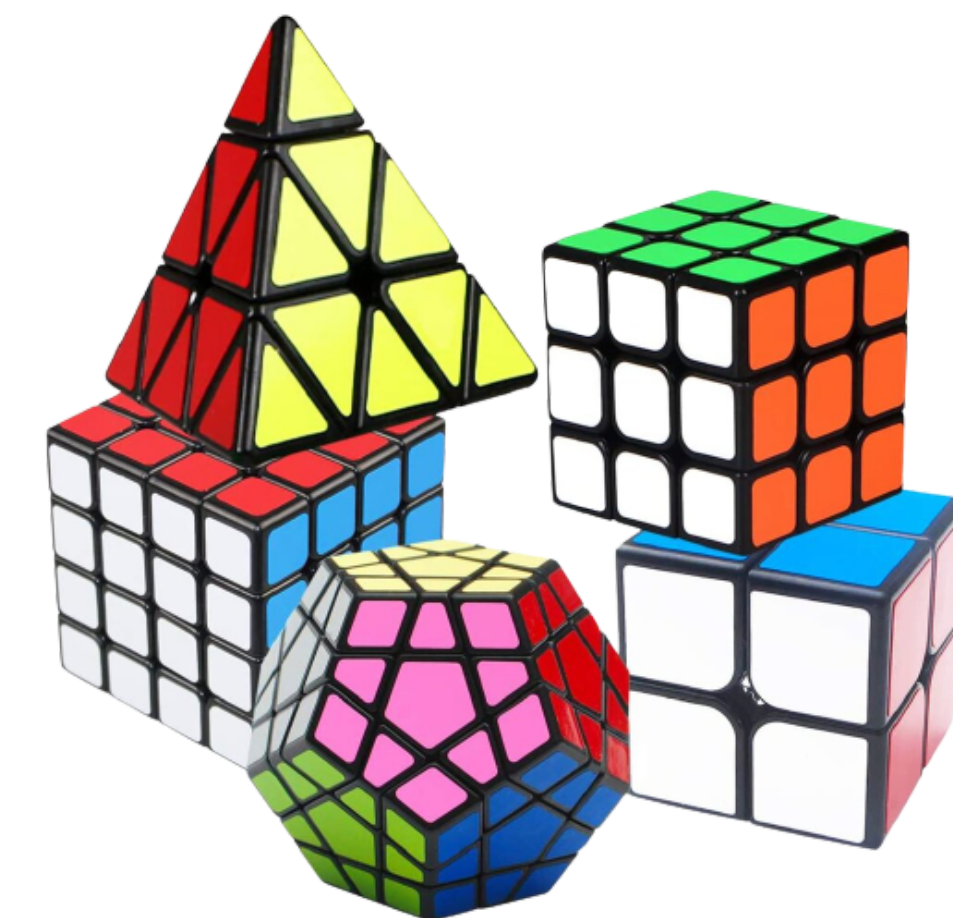
# National Webinar on SYMMETRY & PUZZLES

On  
October 16, 2021 | 12:00 Noon | ZOOM Platform

**Speaker**

**Dr Amit Kulshrestha**  
Associate Professor

Department of Mathematical Sciences, IISER Mohali



## About the Talk

As children, we are made to learn numbers - from integers to reals to complex. We are also taught rules to compose numbers in a given context (addition, subtraction, multiplication, etc.). This serves as the foundation of most of the mathematics that we learn thereafter. Much before our encounter with numbers, we start observing symmetry in our toys and faces around us. Did we ever learn rules to compose symmetries? Perhaps we were waiting for a Group Theory course! Composing symmetries comes under the realm of Group Theory, a subject that empowers us to play with symmetries in shapes and nature, and also allows us to deal with some interesting puzzles. In short, this lecture is all about "multiplication table" of symmetries, and its applications.

Teacher In-charge

**Dr Jeetendra Aggarwal**  
Department of Mathematics

Link & QR Code for registration:

<https://forms.gle/eGknmsGpSwpTFeid7>

*E-certificates to all the registered participants*



Patron

**Prof. Shiv Kumar Sahdev**  
Principal, Shivaji College