



JAY MEHTA

• MATHEMATICIAN • RESEARCHER • TEACHER • AUTHOR •

☎ 9427858180

☎ 9651059359

✉ jay_mehta@spuvvn.edu

🌐 jaygmehta.com

EXAMS

UGC-CSIR NET JRF (DEC 2008)

GATE AIR 201 (2008)

NBHM PhD Written Test (2009)

IIT Kanpur PhD Test & Interview (2009)

EDUCATION

MSc (2006 – 2008)

Sardar Patel University, Vallabh Vidyanagar

PhD (2009 – 2015)

Harish-Chandra Research Institute, Prayagraj

EXPERIENCE

Assistant Professor (2016 - present)

Dept. of Mathematics, Sardar Patel University

Post Doctoral Fellow (2015 - 2016)

The Institute of Mathematical Sciences (IMSc)

FELLOWSHIP, GRANT, PROJECT

1. International Travel Grant (2009)

Funded by: **NBHM** Amount: ₹ 17400
Travel: **Nepal** for CIMPA School

2. Post Doctoral Fellowship (2015)

Funded by: **IMSc, DAE**

3. UGC-BSR Start-Up Research Grant (2018)

Funded by: **UGC** Amount: ₹ 10 lakh

JOURNAL PUBLICATIONS

18+ journal publications: SCOPUS/WOS (SCIE)
in J. Number Theory, Int. J. Number Theory,
Acta. Math. Hungarica, J. Math. Soc. Japan, etc.

BOOKS & CHAPTERS

Book Chapter: CRC Press (2023)

Book: General Topology for Beginners
Cambridge University Press (2025)

RESEARCH GUIDANCE

Hitarth Rana (ongoing: 5th Term)

CSIR JRF (Full-time PhD scholar)

Pushparajsinh Parmar (ongoing: 4th Term)

UGC JRF (Full-time PhD Scholar)

COLLABORATION & CONFERENCES

India: IISER Bpr, IIT Rpr, IMSc, HRI, KSoM, etc.

Nepal: Kathmandu Uni., Tribhuvan Uni.

Japan: Kinki University

China: Weinan Normal University, SUDA Inst.,
Shandong University

MATH OUTREACH

Lectured in programs in 10+ states:

MTTS: Summer Camps, InitMath, OFCM

Summer Program in Mathematics (SPIM)

HRI, Prayagraj (2011, 2012, 2013)

KSoM, Calicut (2022)

Problem Solving Workshops (State/National)
at SPU, MSU, St. Xavier's, etc.

INNOVATIVE PEDAGOGY

Using **Moodle LMS** (since 2021)

Resources on **Website** and **YouTube Channel**

Interactive Sessions & Students Discussions

USE OF ICT

Online Attendance (Google forms)

QR-code based Internal **Exam Solutions**

Online Quizzes on Testmoz, Moodle, etc.