

Faculty profile

Nikhil Kulkarni: Nikhil is a *Tata scholar* at Cornell University, studying Computer Science and Operations Research Engineering. He was a recipient of the prestigious *The Spirit of Ramanujan Fellowship* in 2021 from University of Virginia. He has worked on original research in biostatistics and data analysis, and also presented expository papers at Chennai Mathematical Institute. He has been part of various camps organized by Raising a Mathematician (RAM) Foundation since 2021, and has also been a teaching assistant for Epsilon India and Program for Algorithmic and Combinatorial Thinking (PACT) that happens at Princeton University. He loves working with school students who are curious about Mathematics, Science and allied areas.

Shreya Walavalkar: Having completed her undergraduate degree in Physics and currently pursuing Masters in Material Science, Shreya has received student awards and meritorious scholarships for excelling in her batch. She has also been involved with Raising A Mathematician Foundation as a student, volunteer, and teacher assistant. Recently, she completed a 4-month internship at Bhabha Atomic Research Center in Nuclear Physics under the guidance of highly experienced and amazing scientists. Shreya is deeply interested in research-oriented learning. She loves exploring concepts and phenomena in depth and keeps experimenting with whatever is possible. She believes that every student is an inquisitive and budding scientist - if the method of teaching involves experiential learning coupled with scientific temperament.

Sanvi Gupta: Sanvi is currently pursuing an undergraduate degree in BTech Mechatronics engineering (an interdisciplinary degree combining mechanical, electrical, electronics and computer science engineering) at MIT Manipal. Sanvi completed her high school with PCM and economics as her primary subjects where she also started a club for space enthusiasts. She is an alumna of science and research camps such as YIPs (Intl Youth in Physics) and IASC Asteroid Search Camp in collaboration with ISRO and NASA.

Some of her achievements include podiums at competitions such as INSSDC, Aerss National, BL4S CERN, CSO and Techfests working majorly with but not exclusive to space settlement, rocket and drone design. Sanvi worked with RAM for the first time as a teaching assistant at Math.Biz Camp.

She is currently exploring student projects that work with solar transportation, defense technology and underwater navigation and is always thrilled to share her passions.

Guest speakers

During the course, there will also be guest speakers who will be giving high level talks to the students on various domains.