



Dr. Mayank Vahia

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Dear Student,

I am writing to you to invite you to consider joining the School of Mathematical Sciences at NMIMS to study for a degree of BSc Mathematics (Honours) and specialise in how Mathematics is useful in other fields of human activities that fascinate you. Our moto is "Think Mathematics" and "Think *in* Mathematics".

The School of Mathematical Sciences is planning to take Mathematics education to a new level. During your association with us we will endeavour to help you **learn and appreciate Mathematics in the purest form**. We will focus on understanding the **grammar and literature of Mathematics** and learn the **tools of Pure Mathematics and Applied Mathematics** and as it is used to get machines to do what we want them to do. We hope to make your experience in the School of Mathematical Sciences enjoyable by making **extensive use of computers to help you visualise Mathematics**. This way you may explore subtleties of equations at the core of Mathematics in their abstract form but also visualise them using a variety of Mathematical tools on computers. We will also encourage you to use a wide array of computational tools to explore subtle aspects of Mathematics through **projects** which involve understanding the connection between Mathematics and our daily life.

In order to help you with in choosing the aspect of Mathematics that you like, we will have a regular series of lectures from distinguished speakers who will talk to you about Mathematics as applied to different fields of human activity.

To help you understand the challenges of using Mathematics in real life at the end of your stay with us, **in the final year we will encourage you to study some specific aspect of Mathematics**, Pure or Applied, and also undertake a project in the final semester where you can study your favourite branch of Mathematics in more detail. **We hope that this course will help you join any industry or institution which uses Mathematics to solve problem in science, technology, human affairs or even in Mathematics itself.**

We will select *only* 30 students so that we can give personal attention to each of you. We will select students based on their performance in Mathematics in Class XII which will have 50% weightage followed by overall performance in Class XII (25% weightage) and performance in Mathematics in Class X (25% weightage). You can visit our Website for more details. Please do feel free to contact me if you want any clarifications from us.

With best wishes,

Mayank Vahia

List of in house and visiting faculty

Name	Credentials	Status
Dr. Mayank Vahia	Retired Professor, TIFR, Mumbai	Dean
Dr. Pramod Kumar Das	MSc (IIT Bombay), PhD (Delhi University)	Assistant Professor
Dr. Priyabrata Bag	PhD (IIT Bombay)	Assistant Professor
Dr. Nikhilesh Dasgupta	PhD (ISI, Kolkata)	Assistant Professor
Dr. Shikha Gaur	PhD (IIT BHU)	Assistant Professor
Dr. Ravi Rao	Retired Professor, School of Mathematics, TIFR, Mumbai	Senior Adjunct Faculty

External members of the Board of Studies

Name	Affiliation
Dr. Sandeep Juneja	Professor, School of Computer Science, TIFR, Mumbai
Dr. Ritabrata Munshi	Indian Statistical Institute Kolkata
Dr. Devanath Tirupathi	Amrut Mody School of Management, Ahmedabad
Dr. M Rammohan Rao	professor and dean emeritus at the Indian School of Business, Mohali
Dr. M Vanninathan	Professor, School of Mathematics, TIFR, Mumbai