

## 1) Message from the HOD's Desk

Our College started functioning in 1948. The Department of Mathematics also started functioning with the induction of the BSc programme in the same year.

Mathematics expresses itself everywhere-in nature and in the technologies all around us. It is both aesthetically beautiful and tremendously powerful. Power of reasoning, abstract and critical thinking and problem-solving ability are some of the qualities nurtured by Mathematics. It is the reservoir of systematize and patterns like connections, structures, regularities and rules. In our Department, we teach our students to represent these patterns with a language, to reason out, to prove and to find the truth. Proud to be learners of Mathematics and aspirants of tasting its rhythm in the reality of life, we march towards our Vision. Our faculty members are specialized in various areas of Algebra, Analysis and Applied Mathematics. Our alumni are working in various sectors like teaching, research, IT-industry, finance and always take a step to help our students from time to time.

### **Vision**

To sharpen the analytical skills and logical thinking of the students and transform them as valuable resources to the society.

### **Objectives**




After the completion of the Mathematics programme, our students will be able to



- Acquire a strong foundation in various branches of Mathematics.
- Develop problem solving skills and logical thinking.
- Apply the skills and knowledge gained, to real life situations and face competitive examinations with confidence.
- Sharpen their analytical thinking, logical deductions and rigger in reasoning.
- Understand the tools required to quantitatively analyse data and have the ability to access and communicate Mathematical information.
- Acquire knowledge of recent developments in various branches of Mathematics and participate in conferences / seminars / workshops etc. and thus pursue research.

## HODs passport size photograph



### Faculty details:

| Sr. No | Name                | Designation         | Qualification | Specialization                              | Email                                 | Photo   |
|--------|---------------------|---------------------|---------------|---|---------------------------------------|---|
| 1.     | Dr. Sushil Kulkarni | Associate Professor | M.Sc., Ph.D   | Data Science, Data Mining, Network Analysis | sushil.kulkarni@jaihindcollege.edu.in |  |
| 2.     | Ms. Leena Upadhye   | Assistant Professor | MSc., M.Phil  | Algebra                                     | leena.upadhye@jaihindcollege.edu.in   |  |
| 3.     | Mr. Vijay Tiwari    | Assistant Professor | M.Sc.         | Algebra                                     | vijay.tiwari@jaihindcollege.edu.in    |  |

|    |                      |                     |       |          |  |   |
|----|----------------------|---------------------|-------|----------|--|---|
| 4. | Mr. PrnilWaikar      | Assistant Professor | M.Sc. | Analysis | prnil.waikar@jaihindcollege.edu.in     |  |
| 5. | Ms. Samiksha Mahajan | Assistant Professor | M.Sc. | Analysis | samiksha.mahajan@jaihindcollege.edu.in |  |

## 2) Programmes offered:

| Sr.No | Programme name | Degree/diploma/certificate | Aided/Self-financed |
|-------|----------------|----------------------------|---------------------|
| 1.    | B. Sc.         | Degree                     | Aided               |
| 2.    | FY/SYBA        | Degree                     | Self-Financed       |
| 3     | FYBCom         | Degree                     | Aided               |

## 3) Students' Achievement for 2018-19:

- Ms.Dilkhush Zaroliwalla and Ms.Achala Punase attended mini MTTS (Mathematics Training and Talent Search) programme from 26<sup>th</sup> Nov- 01<sup>st</sup> Dec, 2018 at Ratnam college, Mumbai.
- Ms. Achala Punase attended MTTS Level-0 (Mathematics Training and Talent Search) programme from 20<sup>th</sup> May- 15<sup>th</sup> June, 2019 at Regional Institute of Education, Ajmer.
- Ms.Ritu Vaja and Ms.Drashti Doshi received merit certificates for academic excellence for the year 2018-2019.

## Students' Achievement for 2019-20:

- Ms. Achala Punase got selected for MTTS-2020 (Mathematics Training and Talent Search) Level-1 programme at IISER Trivandrum, Kerala. She also won in 'mind race' and 'shortest path' at 'Mathletics-2019', a mathematics festival organized by K. J. Somaiya college, Vidyavihar, Mumbai.

- Mr.Hrithik Shukla and Ms. Drashthi Doshi participated in the mini-MTTS programme, held from 4th November 2019 - 09th November, 2019 at B.K. Birla College (Autonomous), Kalyan
- Ms. Ritu Vaja and Ms. Drashthi Doshi attended a workshop on "Foundations of Linear Algebra" from 29th November 2019 - 01st December 2019 at R.J. College, Ghatkopar, Mumbai
- Ms. Ritu Vaja received a certificate for being first on the S.Y.B.Sc Scholar's List for the year 2019-2020.
- Mr. Joson Josh and Mr. Martires Henriques received a certificate for being first on the F.Y.B.Sc Scholar's list for the academic year 2019-20
- Ms. Drashthi Doshi received a certificate for being second on the S.Y.B.Sc. Scholar's List for the year 2019-2020.
- Ms. Drashthi Doshi got selected for MTTS-2020 (Level-0) programme which would take place at IIT Ropar, Punjab.