



# HSNC UNIVERSITY, MUMBAI

A STATE PUBLIC CLUSTER UNIVERSITY

## KISHINCHAND CHELLARAM COLLEGE

Re-accredited A grade by NAAC (3rd cycle); Best College Award by the University of Mumbai (2015); Awarded Star College Status and Star Scheme by DBT and FIST program by DST, Govt. of India.

## DEPARTMENT OF MICROBIOLOGY

The department was established in the year 1977. Offers BSc, MSc (Papers & Research), Ph. D programs. Awarded the Best Department award at the State and National level by Microbiologist Society, India (2020).

## About HSNC University, Mumbai

Hyderabad (Sind) National Collegiate University, Mumbai—a State Public University approved by RUSA and the Government of Maharashtra—was established in 2020 with K.C. College as one of its prestigious constituent colleges. The Hon.Governor of Maharashtra is the Chancellor of the University. Under the visionary leadership of former Provost Mr. Niranjan Hiranandani, Provost Mr. Anil Harish and Vice Chancellor Prof. Hemlata K Bagla, the University has emerged as a centre of academic excellence, research, and innovation. HSNC University offers a wide range of undergraduate, postgraduate, and doctoral programmes across several disciplines . It has 24 research centres and supports a growing number of research scholars. One of the University's flagship programmes is its Harbinger Lecture Series where eminent personalities such as Nobel Laureate Kailash Satyarthi, Kiran Bedi and other dignitaries are invited. HSNCU conferred its first Hon. D. Litt upon Bharat Ratna Shri Ratan Tata, after which Padma Vibhushan Shri Raghunath Mashelkar and distinguished Union Cabinet Minister, Shri Nitin Gadkari were also similarly honoured. In alignment with the National Education Policy 2020, HSNC University has adopted progressive curriculum reforms and innovative teaching practices to stay at the forefront of transformative higher education in India.

## About Kishinchand Chellaram College

Established in 1954 by visionaries Vidyasagar Late Principal K.M. Kundnani and Barrister Hotchand Advani, Kishinchand Chellaram (KC) College is one of Mumbai's most prestigious institutions and the second to be founded under the Hyderabad (Sind) National Collegiate Board. With its forward-thinking ethos and commitment to academic excellence, the College has consistently introduced innovative programs catering to evolving educational and societal needs. As a proud constituent of HSNC University, formed under the RUSA 2.0 initiative, KC College enjoys academic autonomy and fosters interdisciplinary learning, research, and critical thinking. From its modest beginnings with 570 students, the College has grown into a thriving campus of over 7,000 learners. Known for academic brilliance, top university ranks, global alumni, and vibrant extracurricular engagement, KC College continues to shape future-ready, responsible individuals grounded in values and driven by purpose.

## Programmes under Department of Microbiology

- BSc in Microbiology - 3 Years
- BSc (Honors) with specialization in **Medical and Pharmaceutical Microbiology** - 4 Years
- MSc Microbiology - 2 Years
- MSc by research
- PhD

**ADMISSIONS OPEN FOR ACADEMIC YEAR 2026-27**

## Course Highlights- Why Choose Microbiology at K.C?

### Expert Faculty

**Ph.D. Scholars, and qualified faculty**  
Mentors with Minds that Research, Teach, and Inspire. Highly qualified faculty with expertise across diverse biotech domains

### Research Opportunities

#### Jigyasa SHP

Undergraduate students are encouraged to join the Jigyasa Science Honors Program, which fosters in-depth knowledge, research skills, mentorship, skill and personality enhancement

#### Aavishkar Research Convention

Students receive training for project development and presentation at Aavishkar Research Conventions, enabling them to showcase their innovative research.

### State-of-the-art Infrastructure

#### Classrooms

Technology-enabled classrooms equipped with interactive tools to enhance teaching, learning, and student engagement.

#### Laboratories

Well-equipped biotechnology laboratories featuring advanced instruments such as PCR thermocycler, UV-Vis spectrophotometers, gel electrophoresis systems, laminar airflow cabinets, autoclaves, etc. Facilities support practical training and research in molecular biology, microbiology, biochemistry,

## Opportunities for Microbiology Students

- NEP 2020-aligned, innovative curricula for **Bachelor's, Master's, and Doctoral programs.**
- **Student Nurturing programs- Individual student mentorship** for academic and personal growth
- **Invited guest lectures** by eminent scientist and experts.
- **Student trainings and workshops** for skill enhancement.
- **Institutional and Industrial Visits** to Prominent industries and Institutes
- **Career guidance and Alumni Interaction** sessions (Been There, Done That series)

- **Facilitated Compulsory Internships** at Bombay Hospital, Agilus Diagnostics, Metropolis Laboratories, L.H Hiranandani hospital, Neuberger diagnostics, Shahbazkar labs
- **Collaborative Research projects** at Radiation Medicine Centre- B.A.R.C, Breach Candy Hospital, Deenanath Mangeshkar Hospital and Research Centre, Pune
- **Facilitation to National Initiative on Undergraduate Science (NIUS) program** at Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research

## Programme Overview & Eligibility Criteria

K.C. College, a Constituent College of HSNC University, Mumbai, offers both B.Sc. and B.Sc. (Hons.) in Microbiology, programs designed under the NEP 2020 framework.



### Eligibility Criteria

**Minimum required percentage as per university and government norms (subject to change annually).**  
**Admissions follow merit-based selection as per the HSNC University guidelines.**  
**Must complete the online registration on the HSNC University portal and the college admission portal.**

### For B.Sc in Microbiology,

**Must have passed H.S.C. (12th Grade) or equivalent examination with Science stream.**

**Compulsory subjects: Biology, Chemistry, and English.**

### For M.Sc in Microbiology,

**The student must have completed B.sc Microbiology with 6 units from any recognised university with minimum 60% marks in aggregate.**

### Programme Structure

Component	B.Sc. (3-Year)	B.Sc. (Hons.) (4-Year)
<b>Duration</b>	3 Years (6 Semesters)	4 Years (8 Semesters)
<b>Credits</b>	~120	~160
<b>Exit Options</b>	Available after 1st, 2nd, or 3rd year	Final year with research or specialization



### Our Mission

- ❖ Provide a sound academic background for a successful career in Microbiology.
- ❖ To develop scientific, analytical and critical thinking skills and training to conduct high quality research
- ❖ To promote and develop skills and competencies that have enduring value beyond the classroom.
- ❖ Provide an environment that fosters continuous improvement and innovation in the subject.
- ❖ To create responsible citizens equipped with skills to tackle National and Global needs.



### Learnings from the Programme

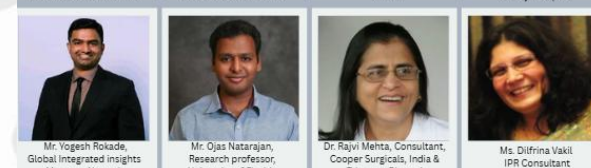
#### Core Subject Areas

- Genetics
- Immunology
- Medical Microbiology
- Virology
- Biochemistry
- Molecular Biology
- Research Methodology
- Pharmaceutical Microbiology
- Industrial Microbiology
- Cosmetic Microbiology
- Environmental Microbiology
- Nanotechnology
- Bioinformatics
- Entrepreneurship
- Cancer Biology
- Advances in Biotechnology

## Our Prestigious Alumni



Our alumni network extends globally, with graduates excelling in diverse industries. From Pharma to healthcare, research to analytics, our alumni make impactful contributions in their respective fields. These success stories are a testament to the high-quality education, hands-on training, and the opportunities offered at the Department of Microbiology, K.C. College.



Industrial visit to Verka dairy, Amritsar



Institutional visit and training at Hinduja Hospital

### Main Contact Information

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**Operating Hours**  
**Monday to Friday**  
8:00 AM - 5:00 PM  
**Saturday**  
9:00 AM - 1:00 PM

**Department of Microbiology**  
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Feel free to visit our campus or contact us through any of these platforms. We look forward to connecting with you!



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