



# HSNC UNIVERSITY, MUMBAI

A STATE PUBLIC UNIVERSITY



## KISHINCHAND CHELLARAM COLLEGE DEPARTMENT OF LIFE SCIENCES

### ADMISSIONS OPEN FOR AY 2026 - 27

- B. Sc. in Life Sciences - 3 years program
- B. Sc. Hons. in Life Sciences - 4 years program



### 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 HR College, K.C. College, and BTTC as its prestigious constituent colleges. In a short span, under the visionary leadership of Provost Dr. Niranjan Hiranandani 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 interdisciplinary undergraduate, postgraduate, and doctoral programs across several schools, including the Niranjan Hiranandani School of Management and Real Estate, D.M. Harish School of Law, and the School of Applied Sciences, among others. With 50 undergraduate, 38 postgraduate, and 21 Ph.D. programmes, the University promotes holistic and integrated learning. It houses 21 research centres and supports a growing number of research scholars and guides. The University has also hosted inspiring events such as the first Harbinger Lecture by Nobel Laureate Kailash Satyarthi and conferred its first Hon. D.Litt upon Shri Ratan Tata. 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.

### About Department of Life Sciences

- Established in 1974
- Highly qualified faculty members
- Courses offers:
  - FYBSc Combinations offered:
    - Life Sciences - Chemistry - Botany
    - Life Sciences - Chemistry - Zoology
    - Life Sciences - Chemistry - Biochemistry
  - TYBSc Life Sciences with specialization in Neuroscience and Genetic Engineering
  - M. Sc. Life Sciences with specialization in Sustainable Development (2 Years' Course)
  - Ph.D. Life Sciences
  - Certificate Courses: Dietetics and Nutrition and Horticulture and Gardening
- Funded Research Projects
- Strong Alumni Connect
- State of the Art Museum with plant and animal samples, Permanent Slides and Taxidermy specimens



### Program Structure

Program	B.Sc. (3-Year)	B.Sc. with Honors. (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

### Signature Experiences of Dept. of Life Sciences

<b>Science Honors Program (SHP)</b> Research modules, scientific writing & presentations	<b>Edu-Link Lecture Series</b> Lectures and Interactions with established Alumni of the Department	<b>Q-rius</b> Research & career guidance
<b>Bio-Ethnica</b> Science fest blending fun, sustainability & innovation	<b>Student Nurturing Program (SNP)</b> Personal mentorship to guide your academic journey	<b>Experiential Learning</b> Excursion, Field and Industrial Visits

### Graduate will gain the following knowledge

- First Year**
  - Cell Biology, Genetics, Evolutionary Biology, Plant and Animal Sciences
- Second Year**
  - Plant and Animal Physiology, Microbiology, Biochemistry, Bioinformatics, Biostatistics, Animal Behaviour, Endocrinology
- Third Year**
  - Molecular Genetics, Medical Immunology, Embryology and Developmental Biology, Neuroscience, Bio - Instrumentation and Forensic Sciences, Science Communication, Environment and Sustainable Development
- Fourth Year**
  - Specialization in Neuroscience/ Genetic Engineering

### Research Exposure in Dept. of Life Sciences

- Jigyasa – Science Honors Program
- Participation Aavishkar Research Convention
- Field Projects, Field Work and Excursions
- Participation in National and International Conference and Seminars

### Participation in Training Workshops



### Course Highlights

- NEP-Based Curriculum with Experiential Learning
- Hands-on approach to Skill and Research
- Fourth Year Specialization in
  - Neuroscience and Genetic Engineering
  - Sustainable Development
- Job-Oriented Approach with 100% Internships and Placement Opportunities

### Programme Overview & Eligibility Criteria

#### B.Sc and B.Sc. (Hons.) in Life Sciences (As per NEP 2020 – HSNC University, Mumbai)

K.C. College, a Constituent College of HSNC University, Mumbai, offers B.Sc. and B.Sc. (Hons.) in Life Sciences, through programs designed under the NEP 2020 framework. These courses provide a solid grounding in the core concepts, integrated with practical tools and interdisciplinary learning to prepare students for careers in research, discovery and data-driven fields.

### Eligibility Criteria for B. Sc. in Life Sciences

- Successful completion of HSC (12th Grade) or equivalent exam from any recognized board.
- Candidate must have studied Biology at the 12th Grade level.
- Admission will be based on merit as per HSNC University norms.
- For B.Sc. (Hons.), continuation to the fourth year is based on performance in first three years.

### Some Glimpses of the Activities at the Department

<b>Learn through Excursions and Institutional Visits</b>	<b>Participation at State and National Levels</b>
<b>Visit to Maharashtra Nature Park, Mumbai</b>	<b>Participation in Aavishkar Research Convention and Anveshan Research Convention</b>
<b>Visit to Forest Research Institute, Dehradun, India</b>	<b>Participation in Aavishkar Research Convention and Anveshan Research Convention</b>

### Opportunities for B.Sc. Life Science Students

<b>Healthcare &amp; Clinical</b>	<b>Research &amp; Data Science</b>	<b>Industry &amp; Business</b>	<b>Environmental &amp; Field Sciences</b>	<b>Education, Law &amp; Media</b>
Clinical Laboratory Technician	Neuroscience Research	Pharmaceutical Industry	Enviro Scientist / Consultant	Academia
Biomedical Analyst / Scientist	Research Analyst	Entrepreneurship in Life Sciences	Conservationist / Restorationist	Science Communicator
Genetic Counselor	Bioinformatician	Medical Science Liaison (MSL)	Marine Biologist	Scientific Journalism
IVF Lab Scientist / Technician	Biostatistician	Regulatory Affairs Specialist	Forensic Biologist / Sciences	Patent Attorney / Agent
Public Health Professional	Computational Biologist	Quality Assurance / Quality Control	Agricultural Scientist	Bioethicist

### Notable Alumni and Testimonials

Our alumni network extends globally, with graduates excelling in diverse industries, firms and academic institutions around the world. From Education, Healthcare, Medicine to Environment Consultancy and from Pure Research to Entrepreneurship, our alumni are actively making 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 Life Sciences at K.C. College.

 <b>Dr. Sudha Savant: Global Product Manager, Beckman Coulter Life Sciences, USA</b> I graduated from KC college in 2007 with a B.Sc in Life Sciences. I am very grateful for the years I spent at KC as they laid a foundation for my career path. In second year, I participated in the Science Honors Program, which was my first experience of real research and I am grateful for that. Today, I serve on the advisory board for Zoology at KC to provide feedback and help build the curriculum for the next generation.	 <b>Sheetal Perumalla: Project Manager, Sanofi</b> My academic journey at KC College, with majors in Life Sciences was foundational. The Department nurtured an environment of close bonds and transparency, that allowed significant personal and academic growth. Their proactive encouragement to engage truly helped in developing a well-rounded personality. These experiences have positively influenced my career decisions and contributed to my current success and future outlook.	 <b>Shreya Saraiya, Strategy consultant for Healthcare and Lifesciences industry</b> "... Looking back at my journey, B.Sc. in Life Sciences was a pivotal starting point. It wasn't just about lectures or exams but about the exposure to diverse areas within biology, especially genetics and neurobiology. The program offered a solid foundation, but it was also a space where I learned to think critically, question concepts, and explore science and real-world health challenges."
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### Notable Alumni of the Department

<b>Dr. Prashant Ratnaparkhi:</b> Head, Dept of Life Sciences, St. Xavier's College, Mumbai	<b>Akshay Kawale:</b> Marketing Head at Glenmark Pharmaceuticals	<b>Ankita Mayekar:</b> Project Manager, Exicon Group
<b>Shreya Saraiya:</b> Genetic Counsellor	<b>Devavrat Vartak:</b> Post. Doc, Berkeley University	<b>Kalpesh Jhaveri:</b> Project manager, DefiniGen, UK
<b>Sumeet Kabra:</b> Entrepreneur, 'Novel4you'	<b>Atunus Sinha:</b> Entrepreneur Co-Founder, Alunzus Consultants	<b>Dr. Amruta Naik:</b> 3rd Scientist, Hafkines Institute, Mumbai
<b>Sheetal Perumal:</b> Project Manager, Sanofi	<b>Harshi Shah:</b> Nutritionist	<b>Swastika Somani:</b> Fashion Designer
<b>Zarna Sharma:</b> Flywheel Strategic, Toronto, Canada	<b>Vaishali Chavan:</b> Head of the Department Nutrition, Food Darzee	<b>Hitesh Goswami:</b> CEO and Co-founder, '4 Base care'
<b>Aryaman Tulpule:</b> ESG and CSR Professional, Asst. Manager, UTI AMC	<b>Jyoti Pujari:</b> Clinical Research Associate, IQVIA, Mumbai	<b>Sudha Sawant:</b> Senior Application Scientist, Beckman Coulter
<b>Pratik Sidhwad:</b> Senior Manager, Ernst and Young	<b>Dr. Anuja Pande:</b> PDE, Macromolecular Biosciences, SRI International, USA	<b>Sapna Vyas:</b> Principal Scientist Gene editing, Cambridge
<b>Jivitesh Bathija:</b> Sr Retail Channel Manager India, Svami	<b>Vinit Rambhia:</b> Entrepreneur Consultant, Lab Designing	<b>Bhoomi Dubal:</b> Entrepreneur, 'Hash-Art'

### Main Contact Information

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**Website**  
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**Contact us at:** lifesciences@kccollege.edu.in  
Head - Principal, Professor Tejashree V. Shanhbag

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

